

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087796.D
 Acq On : 11 Sep 2025 14:42
 Operator : JC\MD
 Sample : VN0911WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBSD01

Quant Time: Sep 12 02:52:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	284367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	516573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	469236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	252435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	248999	42.737	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.480%
35) Dibromofluoromethane	8.147	113	184238	49.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	10.547	98	658053	47.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.829	95	235639	47.466	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	90187	22.330	ug/l	97
3) Chloromethane	2.383	50	92197	22.213	ug/l	95
4) Vinyl Chloride	2.536	62	104785	21.774	ug/l	99
5) Bromomethane	2.977	94	59650	24.022	ug/l	95
6) Chloroethane	3.136	64	68245	20.177	ug/l	93
7) Trichlorofluoromethane	3.512	101	160411	22.751	ug/l	100
8) Diethyl Ether	3.959	74	61819	20.132	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	87627	21.964	ug/l	94
10) Methyl Iodide	4.583	142	64098	25.380	ug/l	96
11) Tert butyl alcohol	5.530	59	106308	105.102	ug/l	99
12) 1,1-Dichloroethene	4.330	96	87329	21.301	ug/l	93
13) Acrolein	4.183	56	84753	68.158	ug/l	99
14) Allyl chloride	5.018	41	135039	18.176	ug/l	98
15) Acrylonitrile	5.706	53	284485	99.728	ug/l	98
16) Acetone	4.424	43	281669	88.807	ug/l	96
17) Carbon Disulfide	4.695	76	245100	21.716	ug/l	95
18) Methyl Acetate	5.024	43	126495	19.048	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	302111	19.643	ug/l	92
20) Methylene Chloride	5.265	84	97533	20.528	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	88859	19.998	ug/l	88
22) Diisopropyl ether	6.659	45	309822	19.324	ug/l	98
23) Vinyl Acetate	6.594	43	1457687	99.933	ug/l	99
24) 1,1-Dichloroethane	6.553	63	171709	19.533	ug/l #	93
25) 2-Butanone	7.471	43	406134	97.330	ug/l	99
26) 2,2-Dichloropropane	7.471	77	151340	20.059	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	103096	19.408	ug/l	97
28) Bromochloromethane	7.800	49	82350	19.377	ug/l	97
29) Tetrahydrofuran	7.830	42	262404	97.715	ug/l	99
30) Chloroform	7.947	83	182840	20.378	ug/l	100
31) Cyclohexane	8.236	56	153604	20.960	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	156909	20.635	ug/l	98
36) 1,1-Dichloropropene	8.347	75	119325	20.855	ug/l	95
37) Ethyl Acetate	7.547	43	156153	19.972	ug/l	98
38) Carbon Tetrachloride	8.341	117	133901	23.702	ug/l	98
39) Methylcyclohexane	9.577	83	147246	23.375	ug/l	97
40) Benzene	8.583	78	385488	21.966	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	84250	20.802	ug/l	98
42) 1,2-Dichloroethane	8.653	62	143929	21.342	ug/l	100
43) Isopropyl Acetate	8.671	43	256028	20.974	ug/l	98
44) Trichloroethene	9.330	130	89641	22.373	ug/l	97
45) 1,2-Dichloropropane	9.600	63	95736	20.696	ug/l	100
46) Dibromomethane	9.688	93	73049	22.191	ug/l	95
47) Bromodichloromethane	9.865	83	149553	22.168	ug/l	97
48) Methyl methacrylate	9.665	41	120665	20.898	ug/l	97
49) 1,4-Dioxane	9.683	88	36752	491.085	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	804345	109.212	ug/l	100
52) Toluene	10.612	92	239807	22.042	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	149420	21.397	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	155127	21.394	ug/l	93
55) 1,1,2-Trichloroethane	10.994	97	94082	22.354	ug/l	97
56) Ethyl methacrylate	10.853	69	143672	21.360	ug/l	97
57) 1,3-Dichloropropane	11.141	76	161502	21.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	278180	76.412	ug/l	99
59) 2-Hexanone	11.177	43	516097	110.878	ug/l	99
60) Dibromochloromethane	11.335	129	107819	22.109	ug/l	99
61) 1,2-Dibromoethane	11.447	107	97873	22.054	ug/l	98
64) Tetrachloroethene	11.082	164	74523	22.891	ug/l	89
65) Chlorobenzene	11.871	112	255372	21.876	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.935	131	90019	23.227	ug/l	99
67) Ethyl Benzene	11.941	91	450854	22.306	ug/l	98
68) m/p-Xylenes	12.047	106	343287	46.310	ug/l	98
69) o-Xylene	12.376	106	160231	22.057	ug/l	99
70) Styrene	12.388	104	275652	22.649	ug/l	99
71) Bromoform	12.559	173	71739	24.136	ug/l #	98
73) Isopropylbenzene	12.671	105	423440	20.758	ug/l	99
74) N-amyl acetate	12.524	43	32902	4.256	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.918	83	150166	21.382	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	187576	31.687	ug/l	62
77) Bromobenzene	12.959	156	99260	20.638	ug/l	99
78) n-propylbenzene	13.012	91	538903	21.448	ug/l	100
79) 2-Chlorotoluene	13.106	91	314012	20.768	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	360655	20.842	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	44946	20.100	ug/l	85
82) 4-Chlorotoluene	13.200	91	323353	20.340	ug/l	100
83) tert-Butylbenzene	13.412	119	306158	21.231	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	368292	21.261	ug/l	100
85) sec-Butylbenzene	13.594	105	468005	21.870	ug/l	98
86) p-Isopropyltoluene	13.706	119	389998	22.071	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	202490	21.379	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	203735	20.670	ug/l	99
89) n-Butylbenzene	14.035	91	378369	21.560	ug/l	99
90) Hexachloroethane	14.306	117	77697	23.080	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	196560	21.875	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.694	75	32962	19.758	ug/l	97
93) 1,2,4-Trichlorobenzene	15.365	180	111854	20.730	ug/l	98
94) Hexachlorobutadiene	15.470	225	47970	24.937	ug/l	98
95) Naphthalene	15.612	128	386312	20.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	113978	21.607	ug/l	98

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ClientSampleId :
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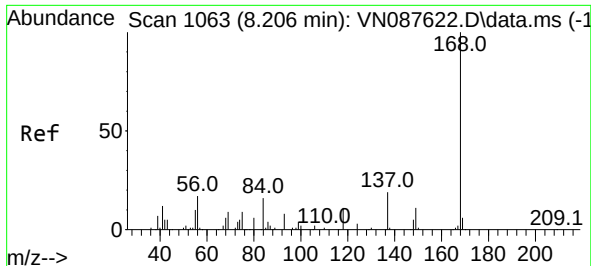
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QLast Update : Fri Aug 22 02:55:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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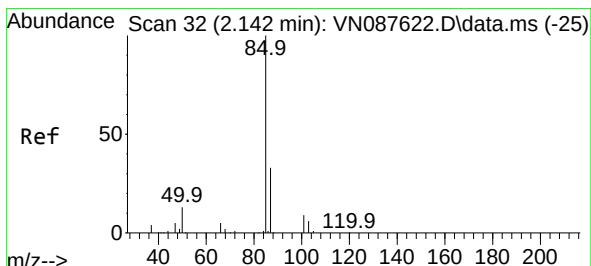
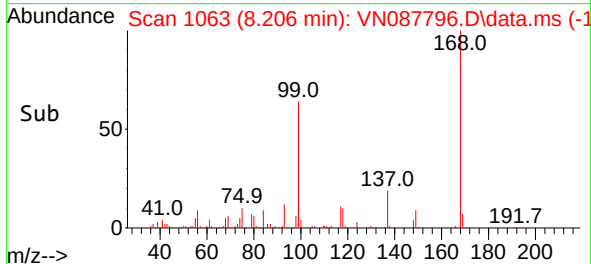
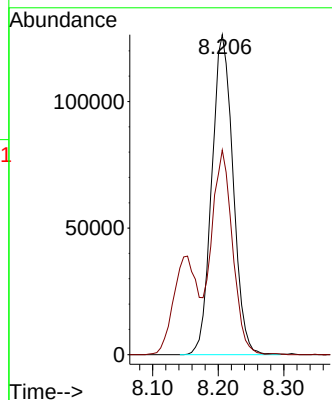
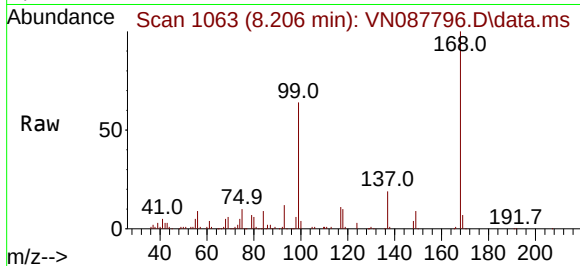




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087796.D
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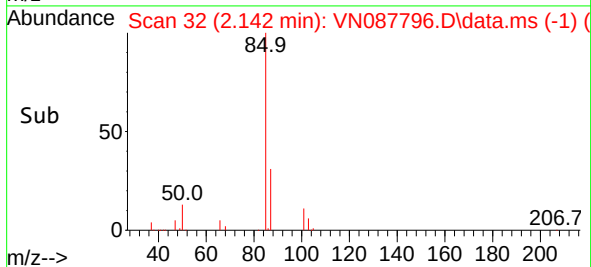
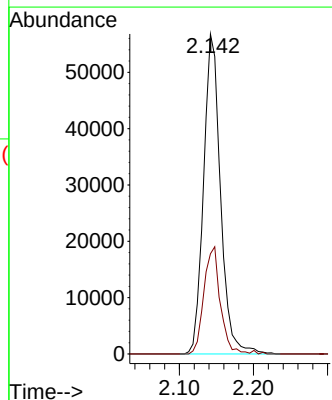
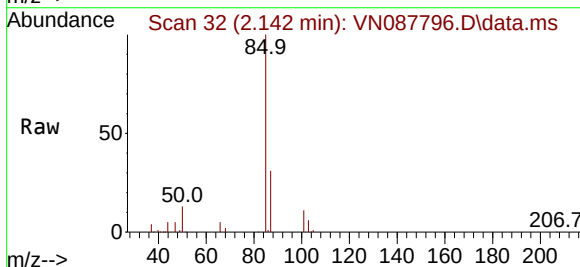
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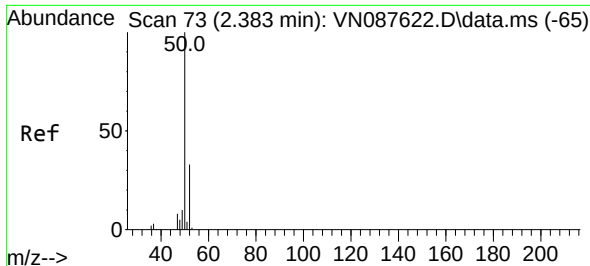
Tgt Ion:168 Resp: 284367
Ion Ratio Lower Upper
168 100
99 63.8 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 22.330 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 85 Resp: 90187
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.8

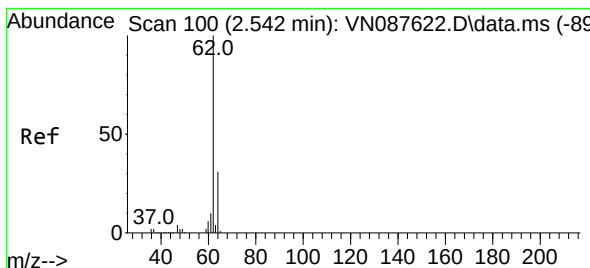
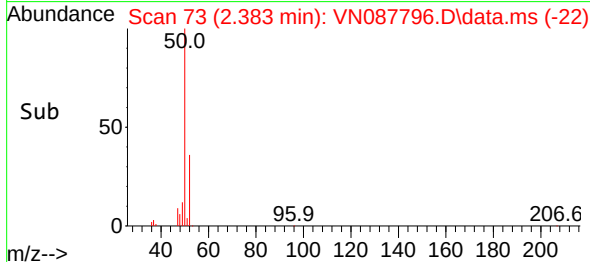
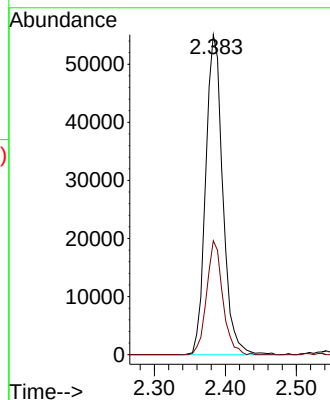
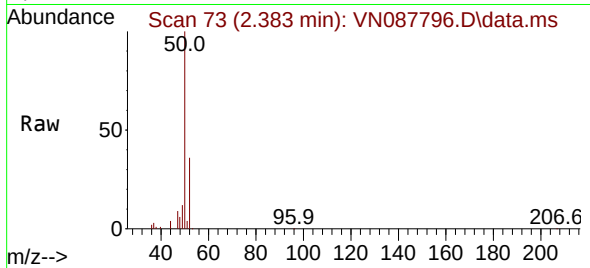




#3
Chloromethane
Concen: 22.213 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

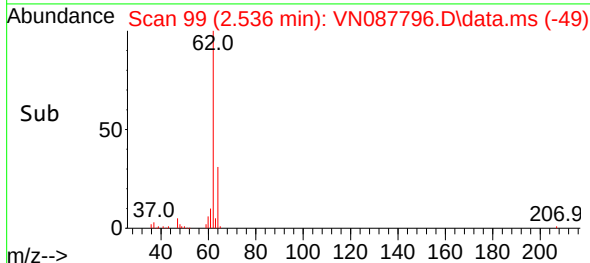
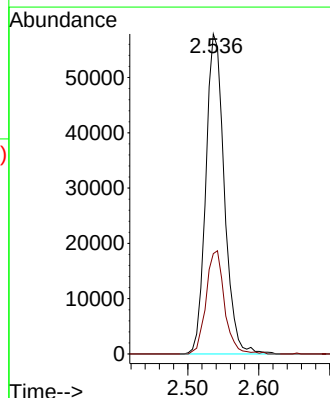
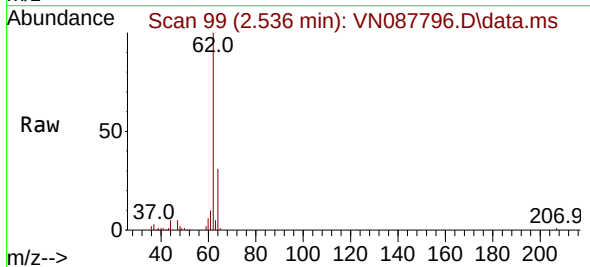
Instrument :
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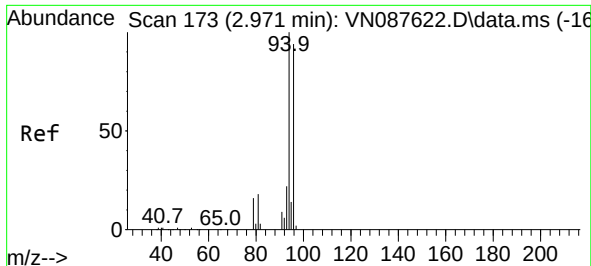
Tgt Ion: 50 Resp: 92197
Ion Ratio Lower Upper
50 100
52 35.6 26.2 39.4



#4
Vinyl Chloride
Concen: 21.774 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 62 Resp: 104785
Ion Ratio Lower Upper
62 100
64 31.4 24.6 37.0

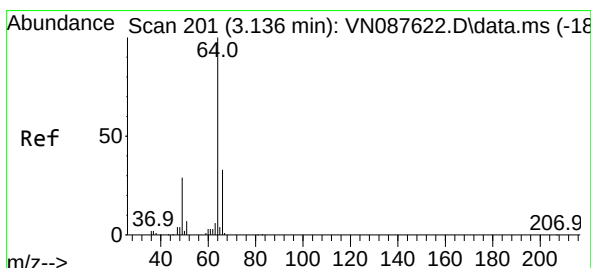
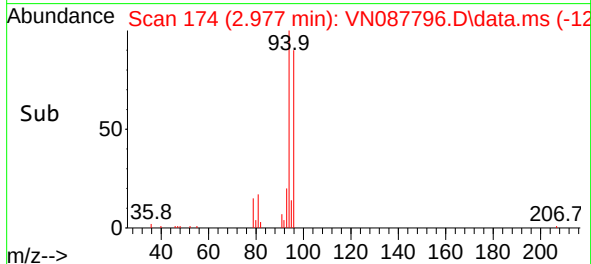
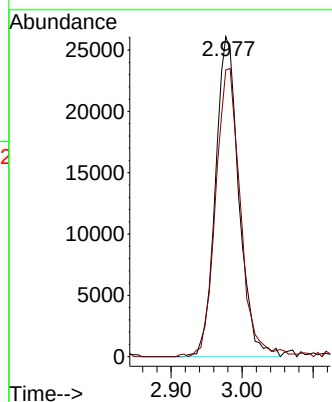
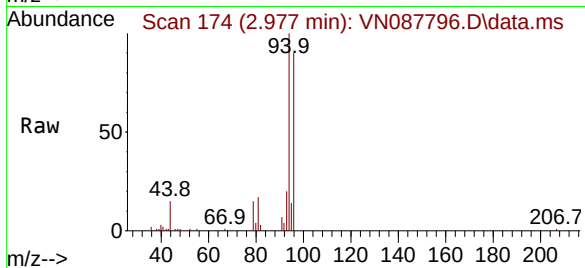




#5
Bromomethane
Concen: 24.022 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

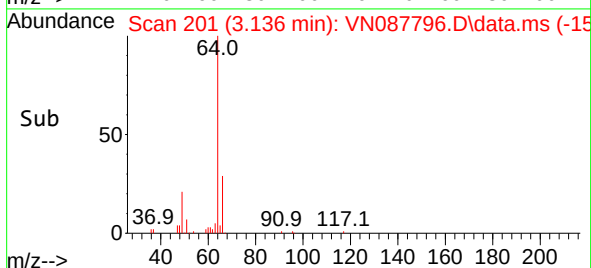
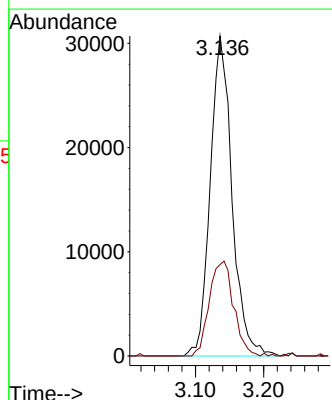
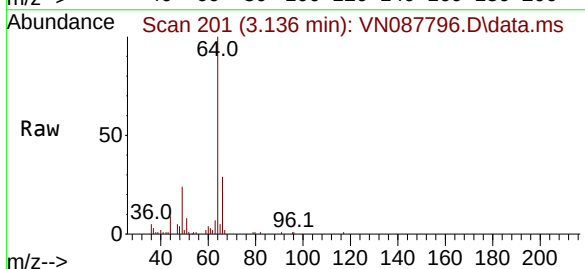
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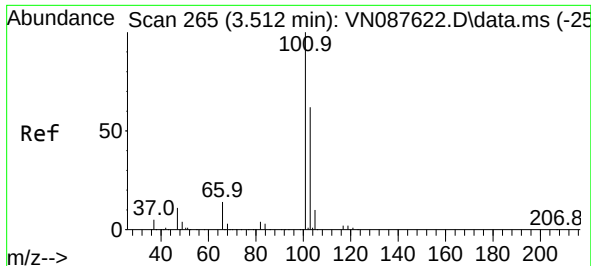
Tgt Ion: 94 Resp: 59650
Ion Ratio Lower Upper
94 100
96 89.0 75.4 113.2



#6
Chloroethane
Concen: 20.177 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 64 Resp: 68245
Ion Ratio Lower Upper
64 100
66 28.5 26.2 39.2

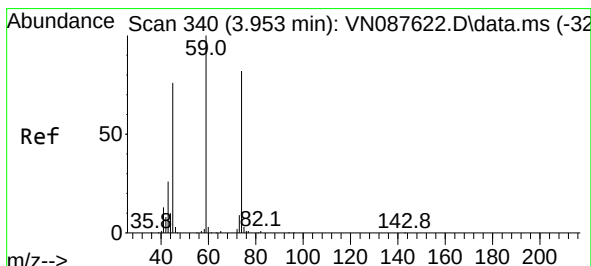
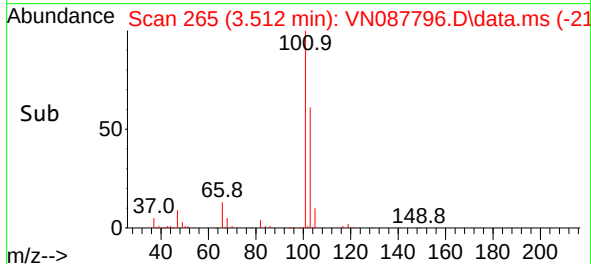
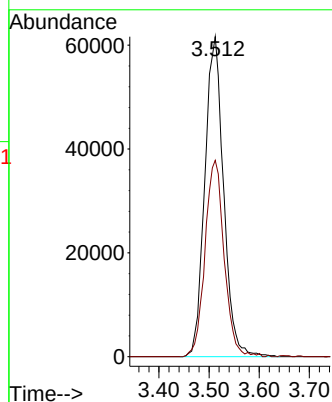
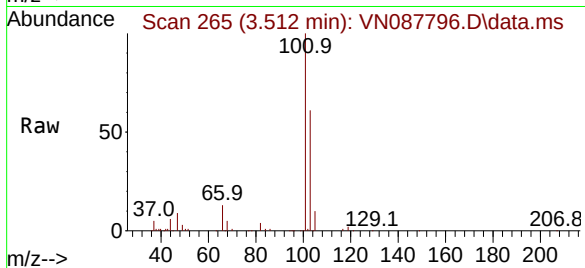




#7
 Trichlorofluoromethane
 Concen: 22.751 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

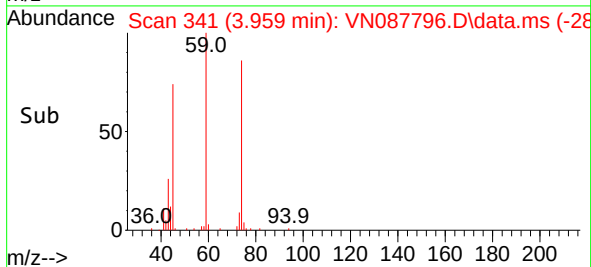
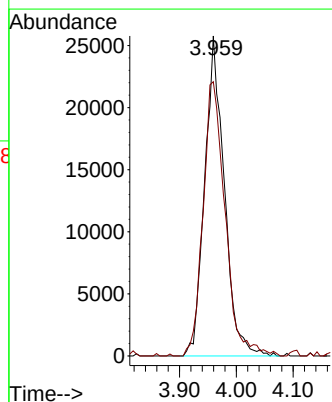
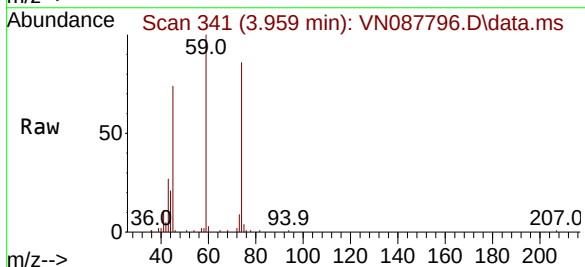
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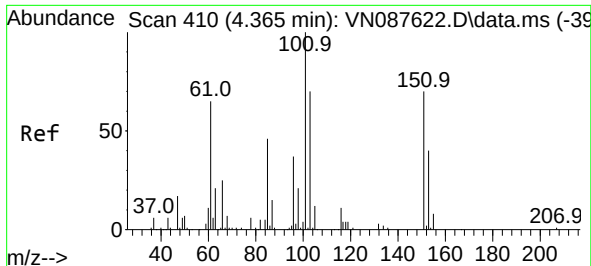
Tgt Ion:101 Resp: 160411
 Ion Ratio Lower Upper
 101 100
 103 61.3 49.4 74.0



#8
 Diethyl Ether
 Concen: 20.132 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

Tgt Ion: 74 Resp: 61819
 Ion Ratio Lower Upper
 74 100
 45 96.4 50.6 151.9

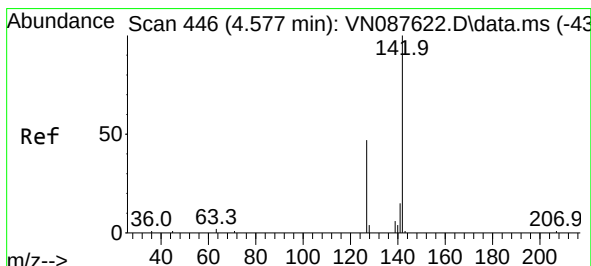
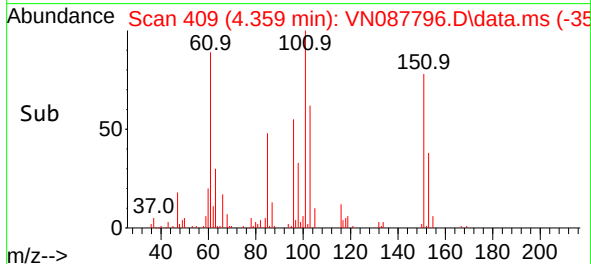
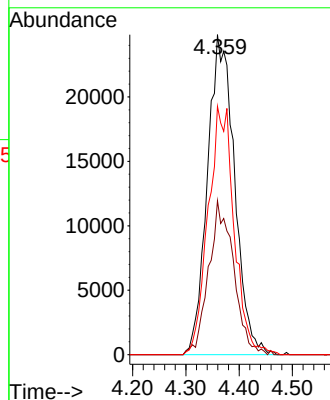
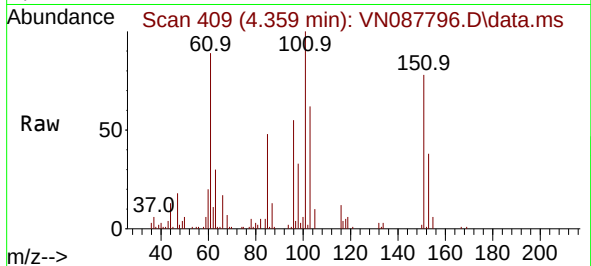




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.964 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087796.D
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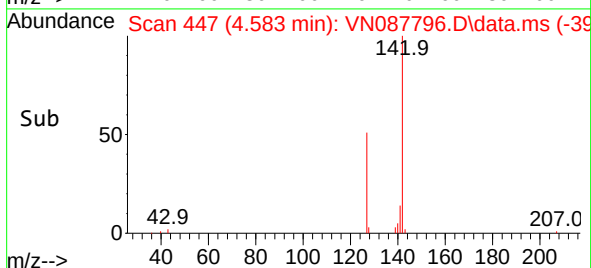
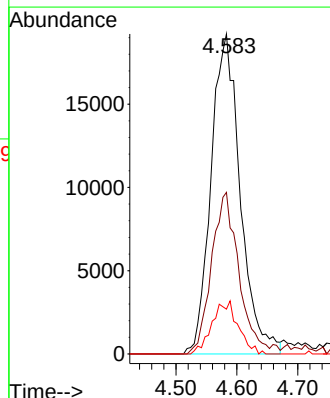
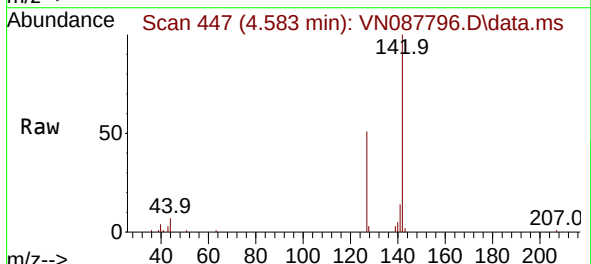
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

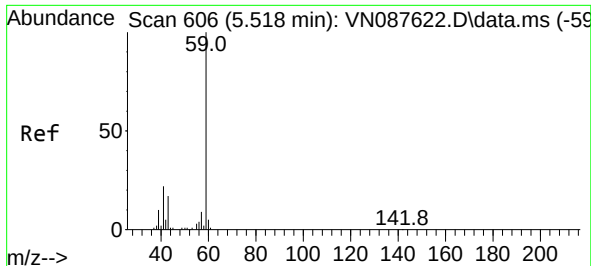
Tgt Ion:101 Resp: 87627
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 74.7 54.7 82.1



#10
Methyl Iodide
Concen: 25.380 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion:142 Resp: 64098
Ion Ratio Lower Upper
142 100
127 50.5 38.0 57.0
141 14.0 12.0 18.0

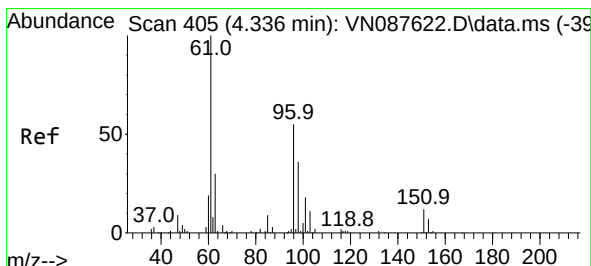
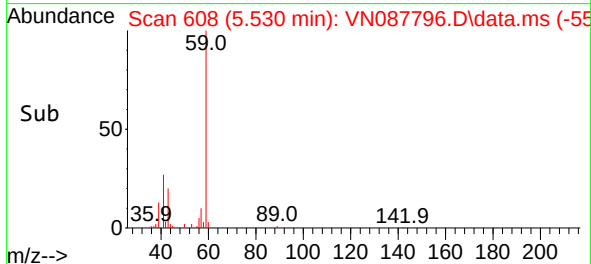
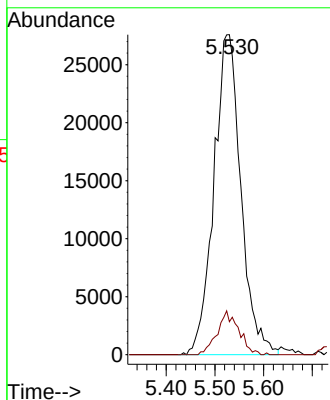
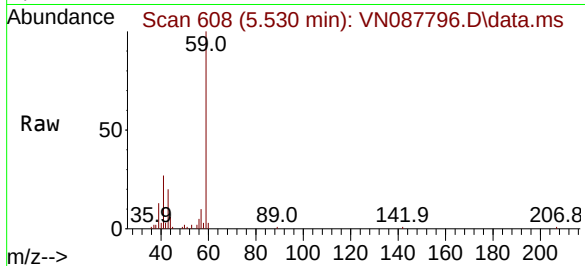




#11
Tert butyl alcohol
Concen: 105.102 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

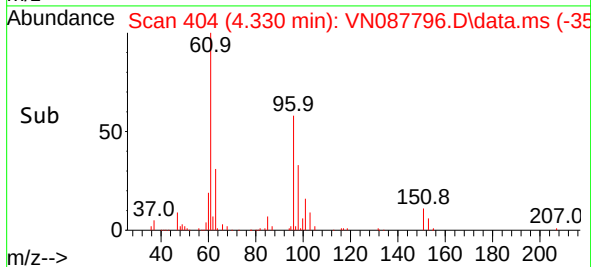
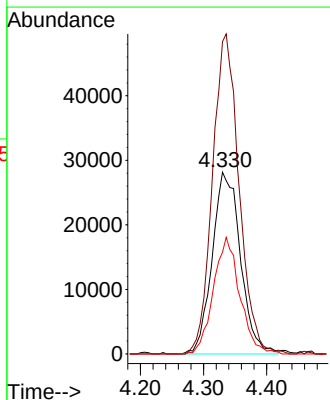
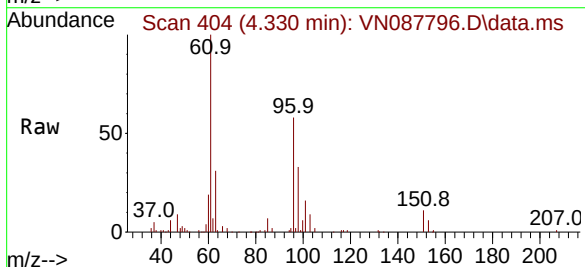
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

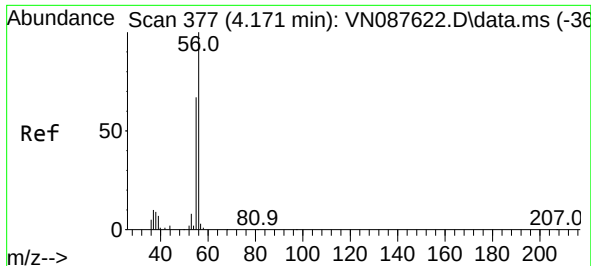
Tgt Ion: 59 Resp: 106308
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4



#12
1,1-Dichloroethene
Concen: 21.301 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 96 Resp: 87329
Ion Ratio Lower Upper
96 100
61 171.9 143.8 215.8
98 56.0 52.1 78.1

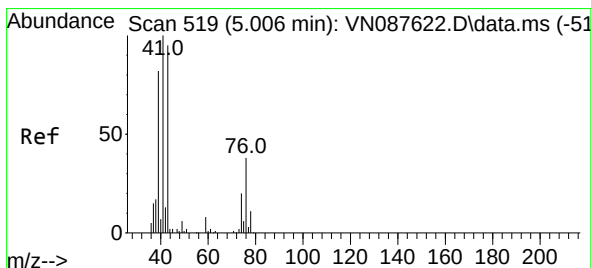
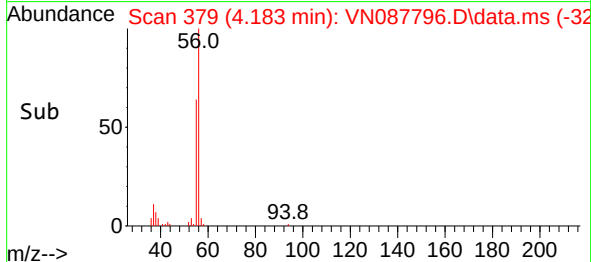
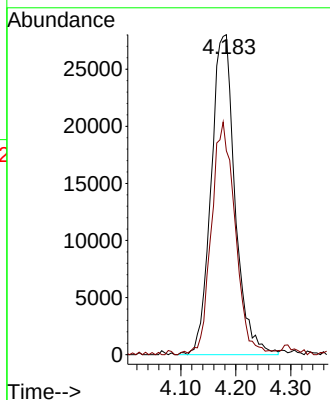
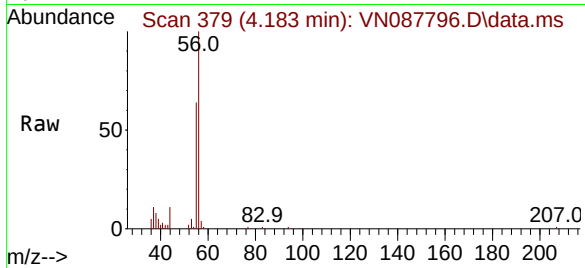




#13
Acrolein
Concen: 68.158 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

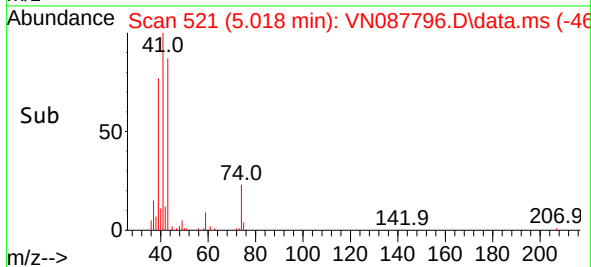
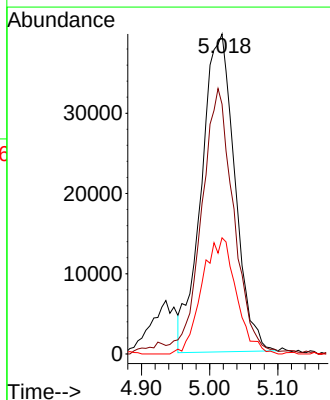
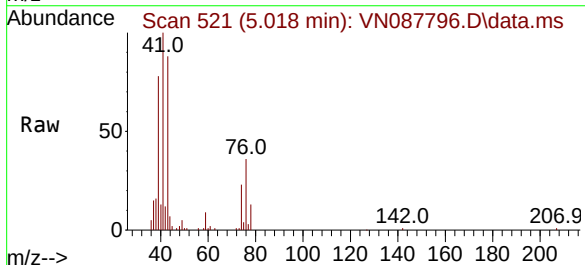
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

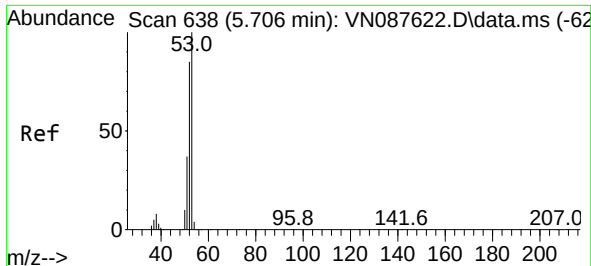
Tgt Ion: 56 Resp: 84753
Ion Ratio Lower Upper
56 100
55 72.3 57.3 85.9



#14
Allyl chloride
Concen: 18.176 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 41 Resp: 135039
Ion Ratio Lower Upper
41 100
39 78.9 63.9 95.9
76 37.5 28.1 42.1

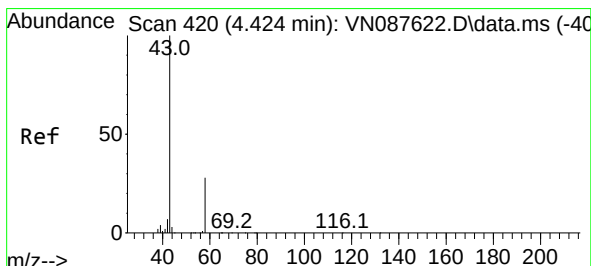
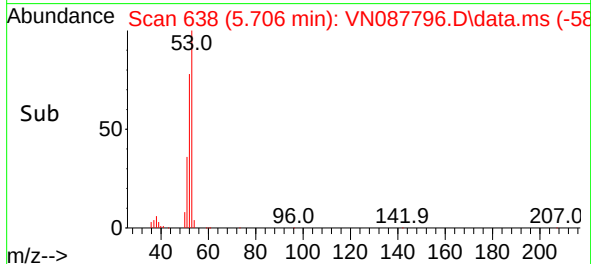
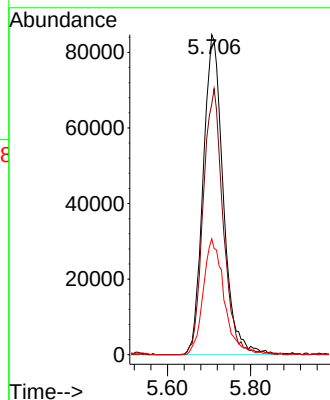
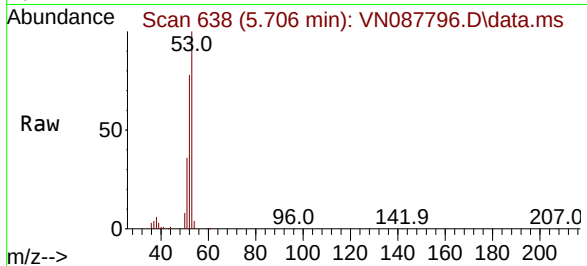




#15
Acrylonitrile
Concen: 99.728 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

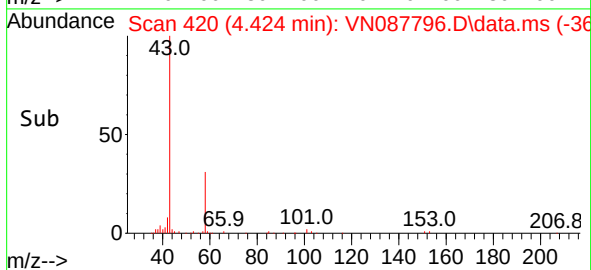
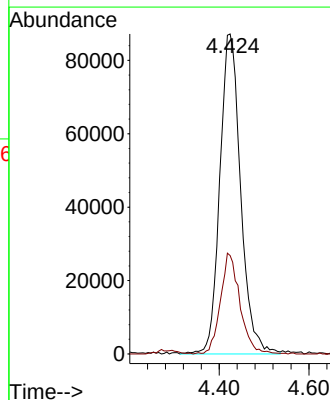
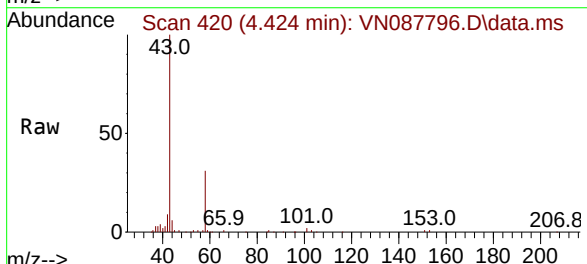
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

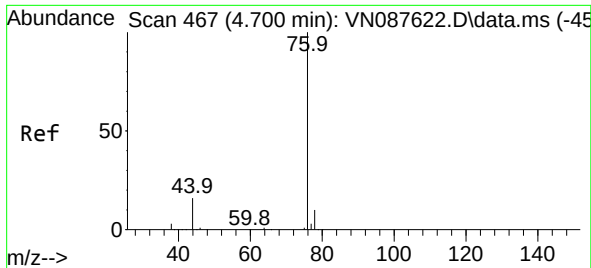
Tgt Ion: 53 Resp: 284485
Ion Ratio Lower Upper
53 100
52 82.3 67.6 101.4
51 37.8 30.1 45.1



#16
Acetone
Concen: 88.807 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 43 Resp: 281669
Ion Ratio Lower Upper
43 100
58 30.5 22.6 33.8

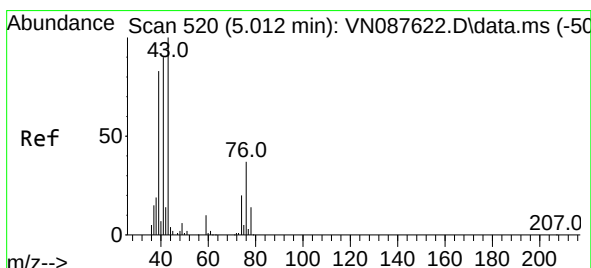
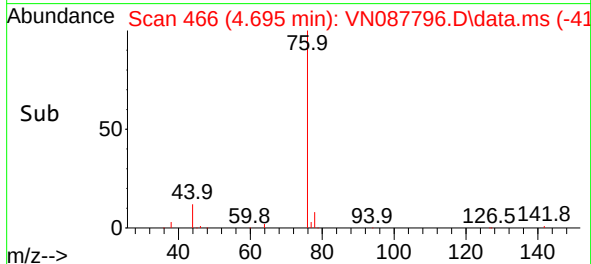
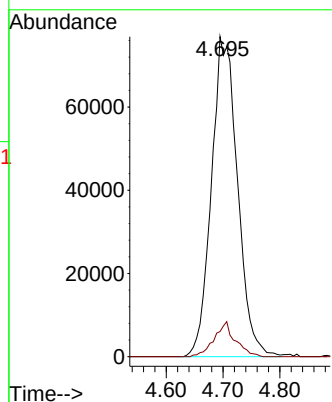
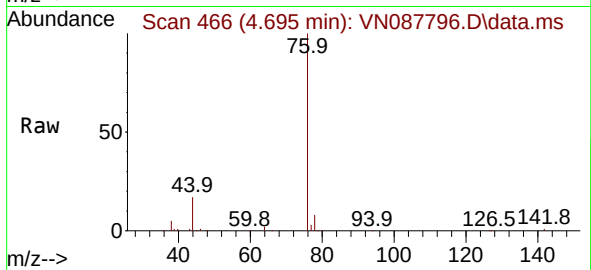




#17
Carbon Disulfide
Concen: 21.716 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

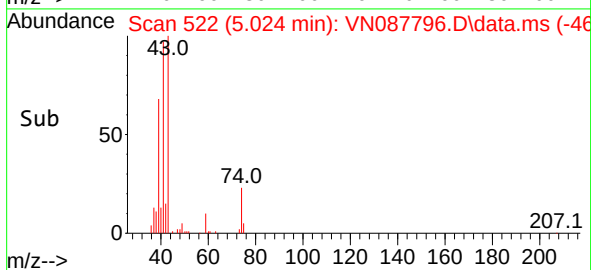
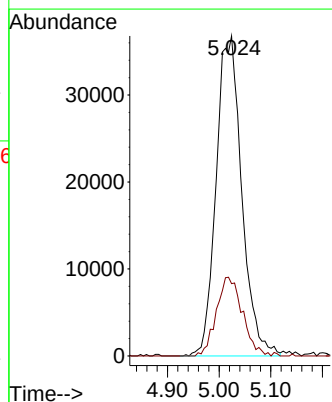
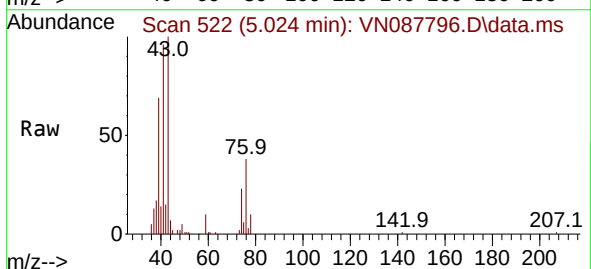
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

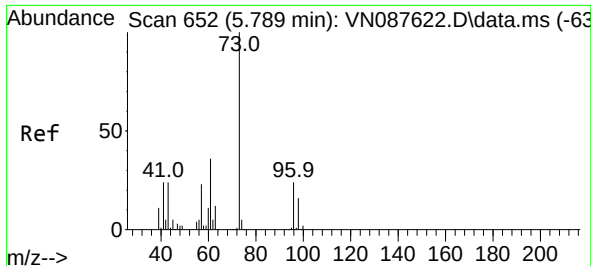
Tgt Ion: 76 Resp: 245100
Ion Ratio Lower Upper
76 100
78 7.8 7.6 11.4



#18
Methyl Acetate
Concen: 19.048 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 43 Resp: 126495
Ion Ratio Lower Upper
43 100
74 25.0 17.6 26.4

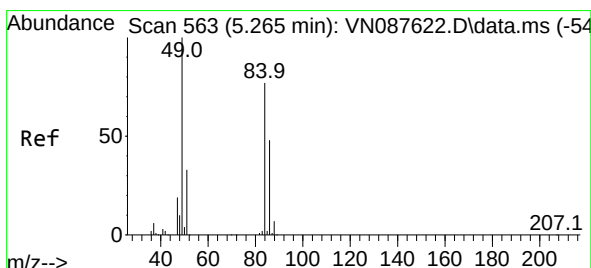
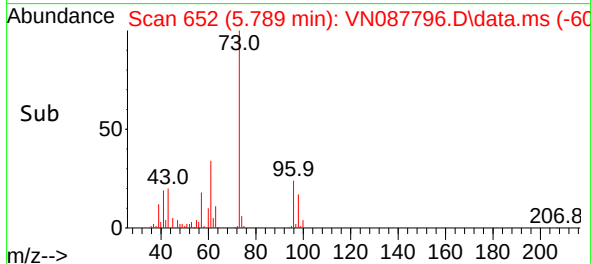
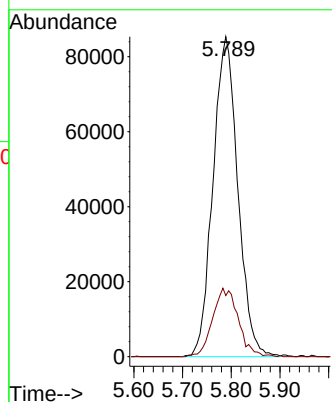
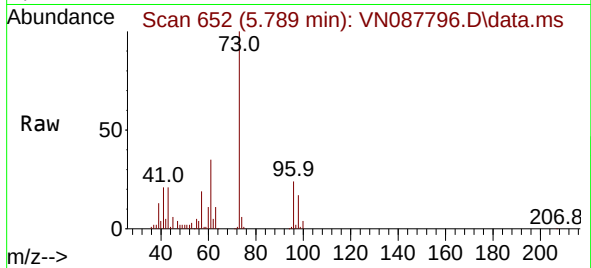




#19
Methyl tert-butyl Ether
Concen: 19.643 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

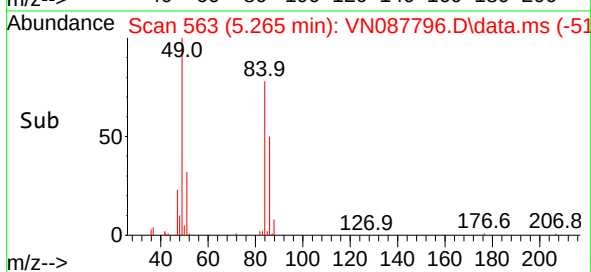
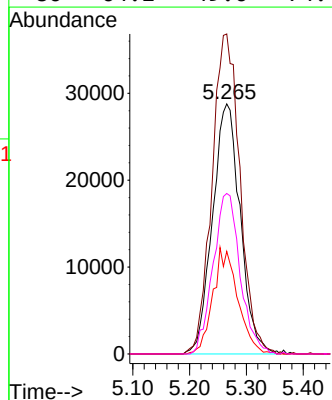
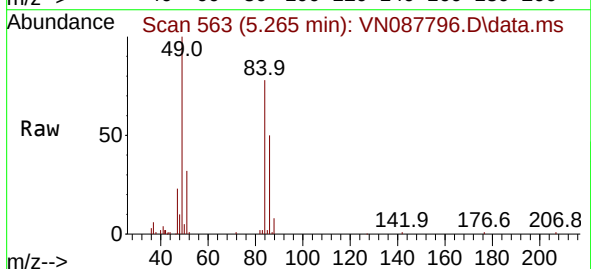
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

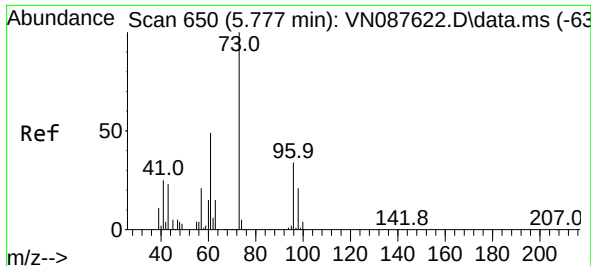
Tgt Ion: 73 Resp: 302111
Ion Ratio Lower Upper
73 100
57 19.1 18.4 27.6



#20
Methylene Chloride
Concen: 20.528 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 84 Resp: 97533
Ion Ratio Lower Upper
84 100
49 127.9 103.4 155.2
51 41.0 33.8 50.8
86 64.2 49.6 74.4

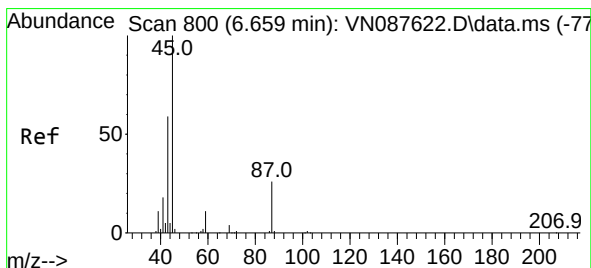
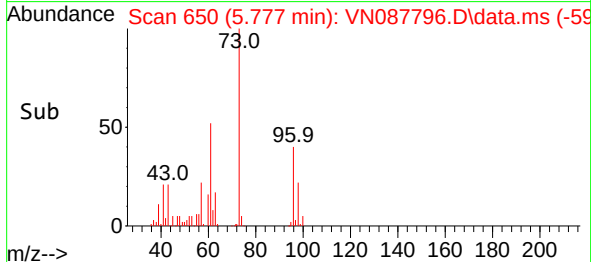
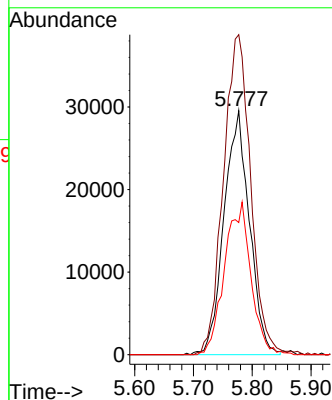
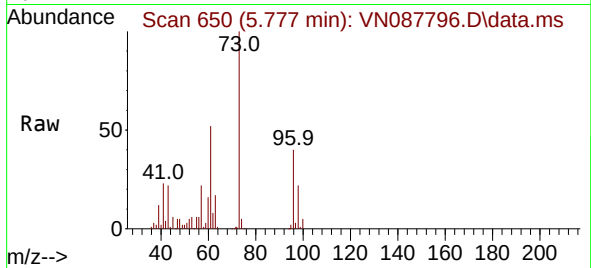




#21
trans-1,2-Dichloroethene
Concen: 19.998 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

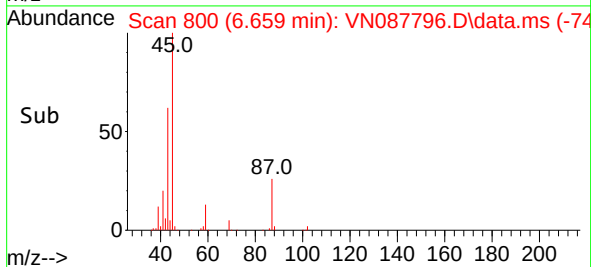
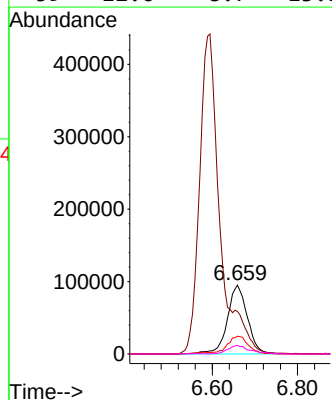
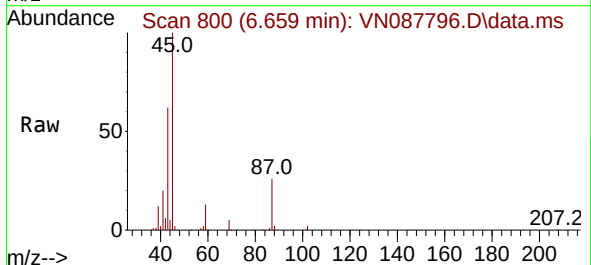
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

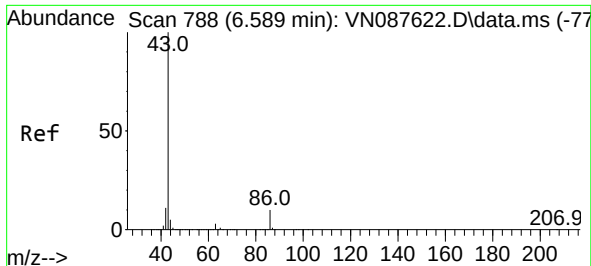
Tgt Ion: 96 Resp: 88859
Ion Ratio Lower Upper
96 100
61 131.1 118.0 177.0
98 54.2 50.0 75.0



#22
Diisopropyl ether
Concen: 19.324 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 45 Resp: 309822
Ion Ratio Lower Upper
45 100
43 60.9 47.7 71.5
87 25.8 21.4 32.0
59 12.6 8.7 13.1

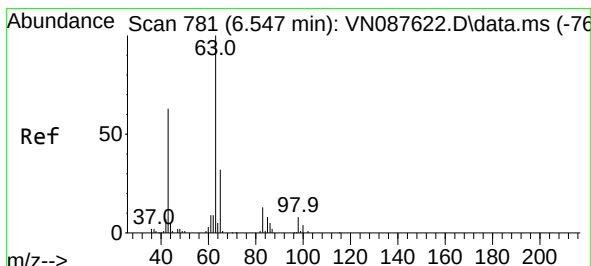
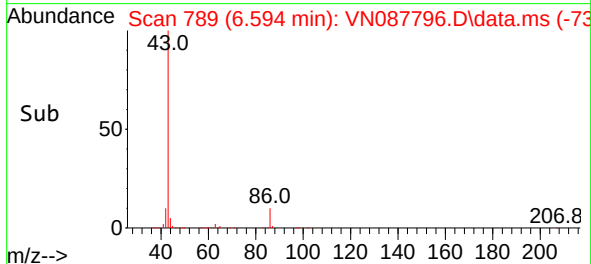
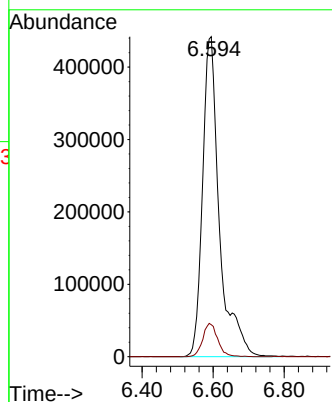
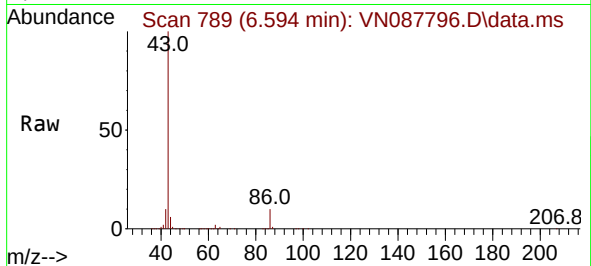




#23
 Vinyl Acetate
 Concen: 99.933 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

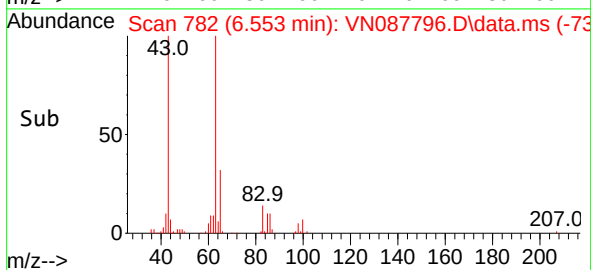
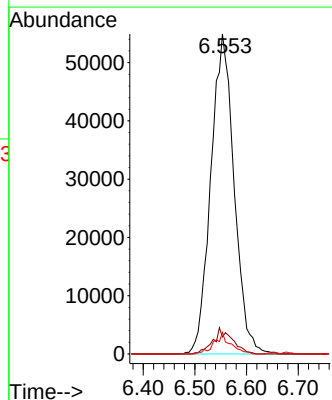
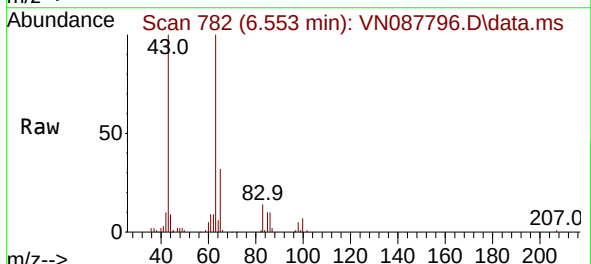
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBSD01

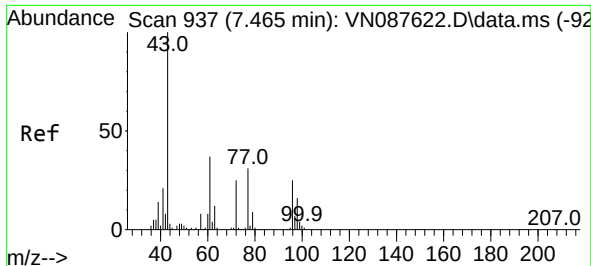
Tgt Ion: 43 Resp: 1457687
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 19.533 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

Tgt Ion: 63 Resp: 171709
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.8 11.4
 100 6.8 2.0 6.0#

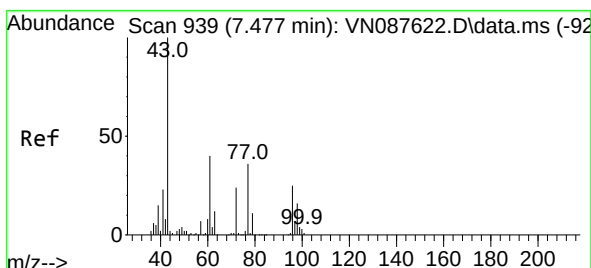
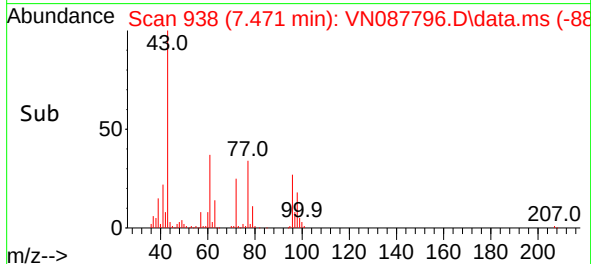
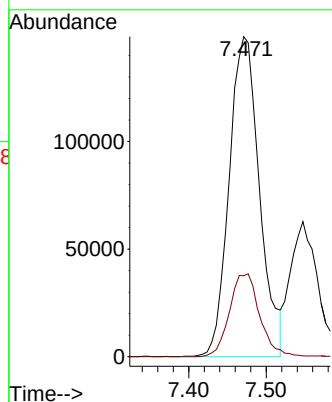
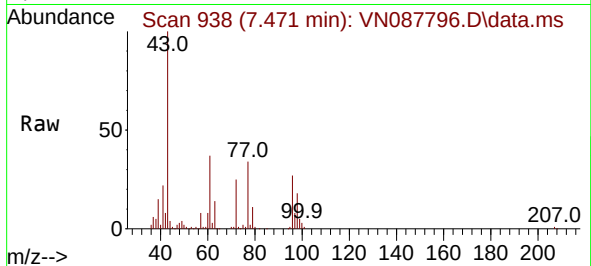




#25
2-Butanone
Concen: 97.330 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

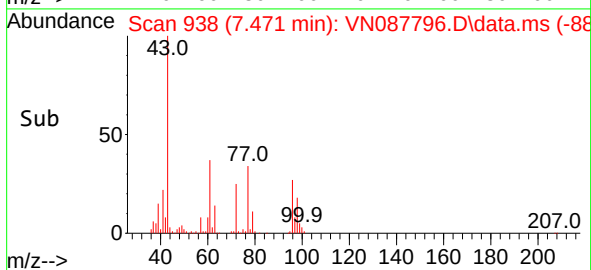
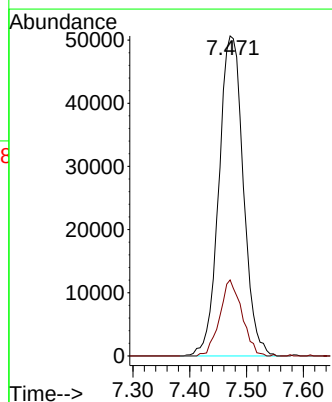
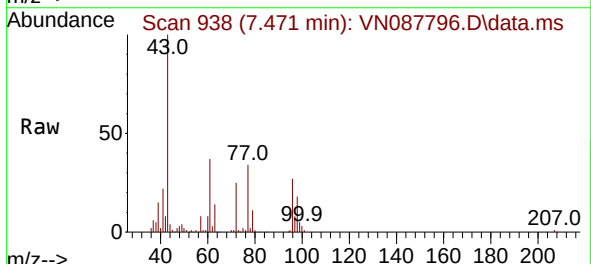
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

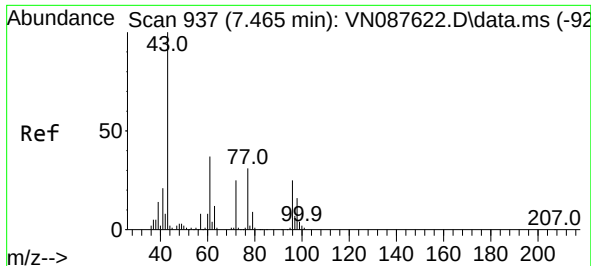
Tgt Ion: 43 Resp: 406134
Ion Ratio Lower Upper
43 100
72 25.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 20.059 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 77 Resp: 151340
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7

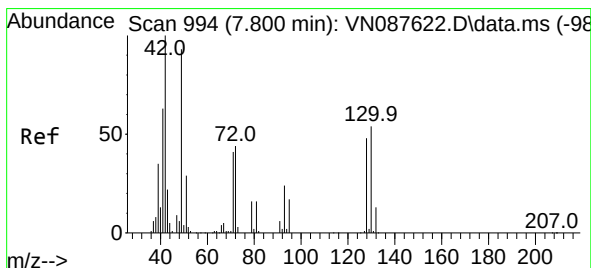
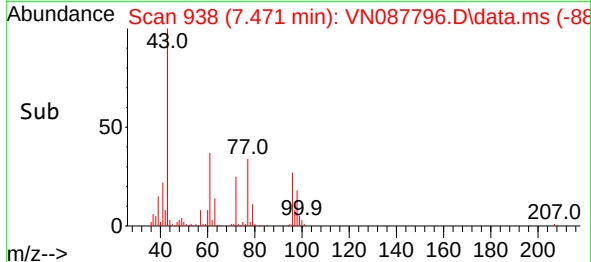
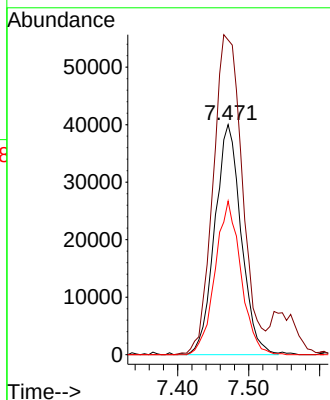
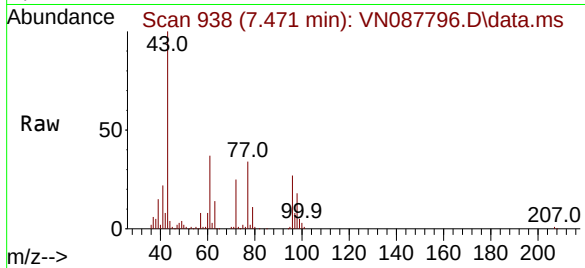




#27
 cis-1,2-Dichloroethene
 Concen: 19.408 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

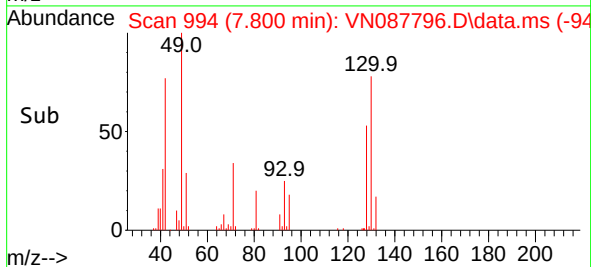
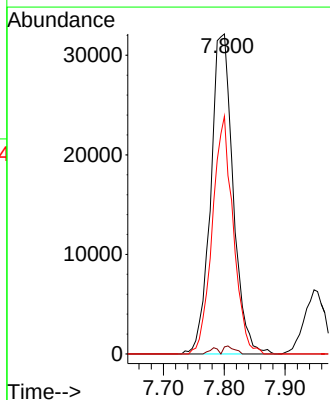
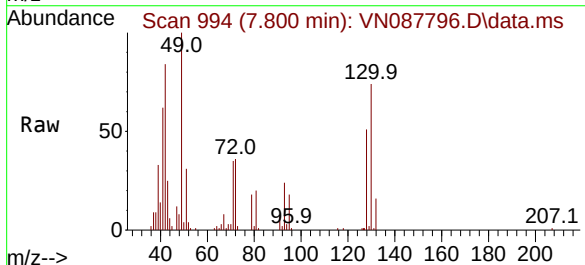
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBSD01

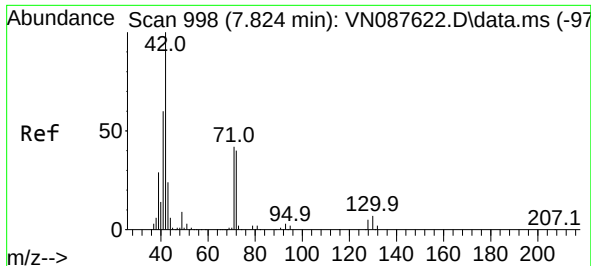
Tgt Ion: 96 Resp: 103096
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 301.8
 98 65.5 0.0 126.2



#28
 Bromochloromethane
 Concen: 19.377 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

Tgt Ion: 49 Resp: 82350
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 69.1 53.1 79.7





#29

Tetrahydrofuran

Concen: 97.715 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBSD01

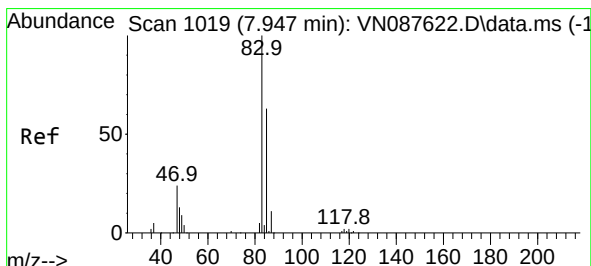
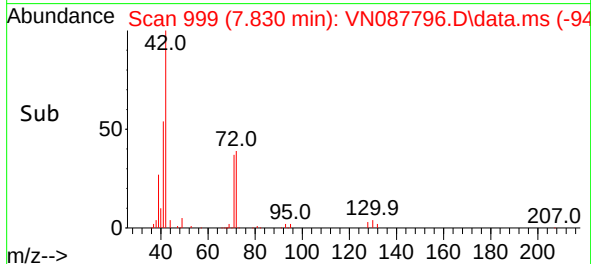
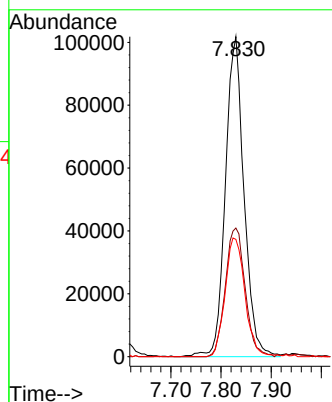
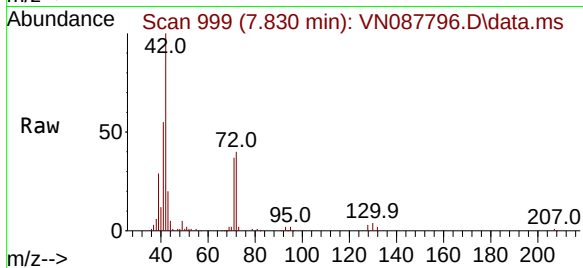
Tgt Ion: 42 Resp: 262404

Ion Ratio Lower Upper

42 100

72 42.8 33.7 50.5

71 39.6 31.9 47.9



#30

Chloroform

Concen: 20.378 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087796.D

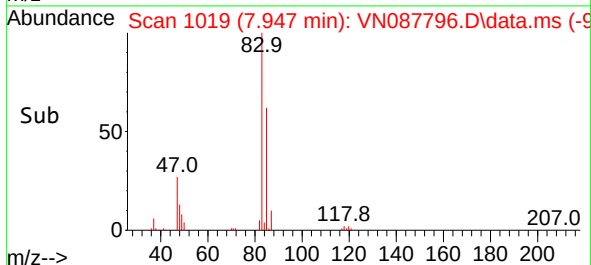
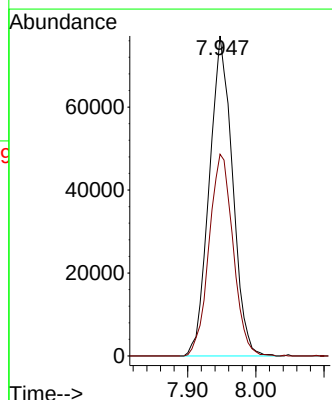
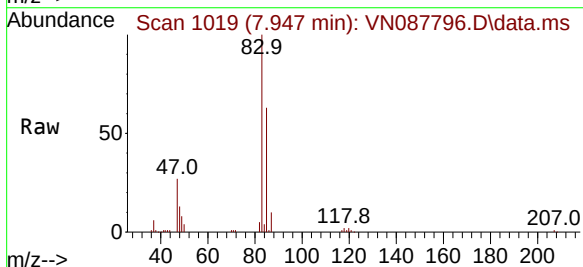
Acq: 11 Sep 2025 14:42

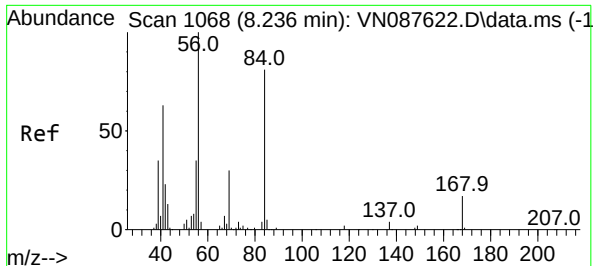
Tgt Ion: 83 Resp: 182840

Ion Ratio Lower Upper

83 100

85 63.1 50.7 76.1





#31

Cyclohexane

Concen: 20.960 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBSD01

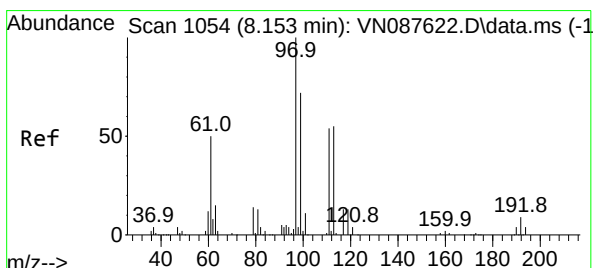
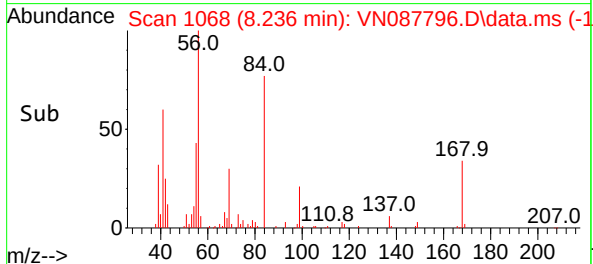
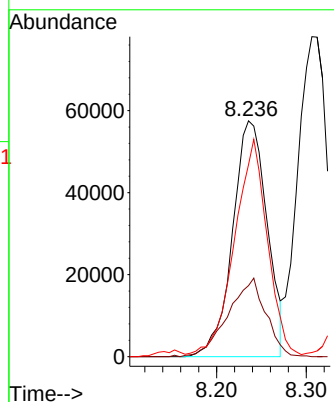
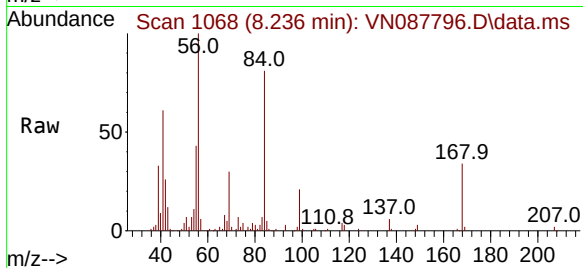
Tgt Ion: 56 Resp: 153604

Ion Ratio Lower Upper

56 100

69 30.1 23.7 35.5

84 79.5 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 20.635 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

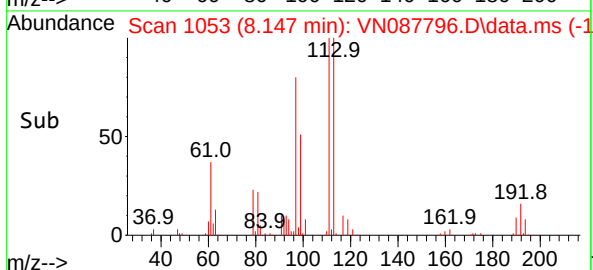
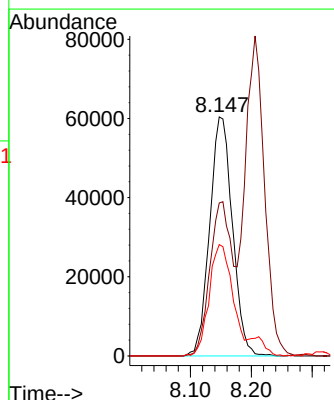
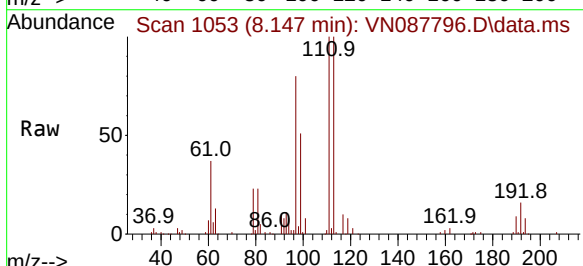
Tgt Ion: 97 Resp: 156909

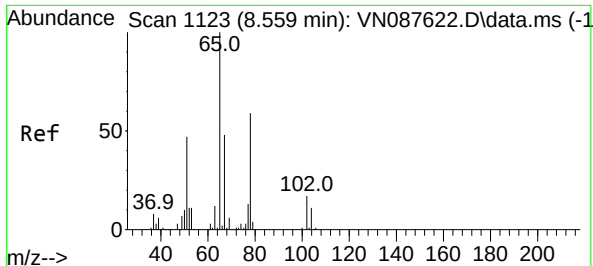
Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

61 48.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 42.737 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

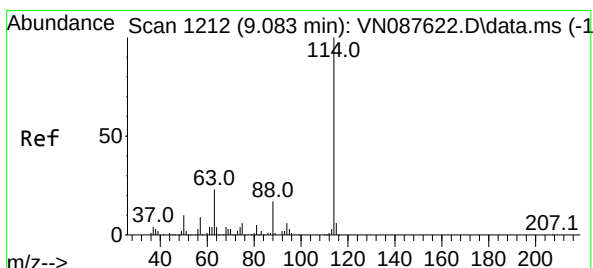
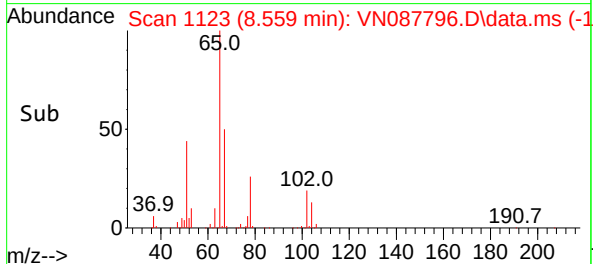
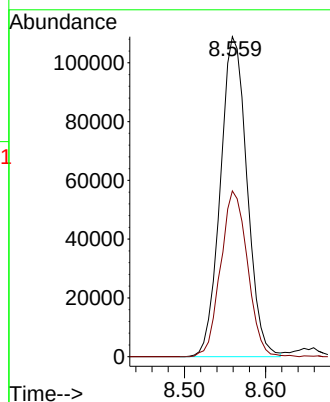
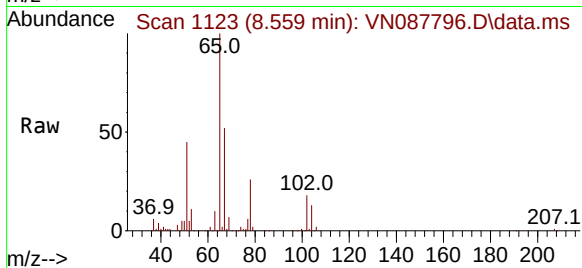
VN0911WBSD01

Tgt Ion: 65 Resp: 248999

Ion Ratio Lower Upper

65 100

67 52.1 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: VN087796.D

Acq: 11 Sep 2025 14:42

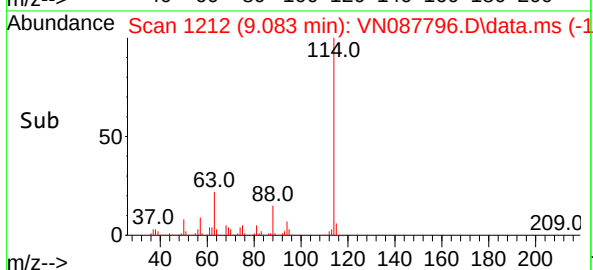
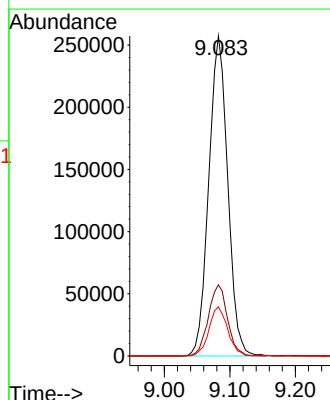
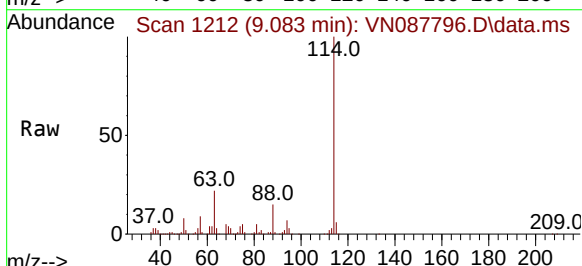
Tgt Ion: 114 Resp: 516573

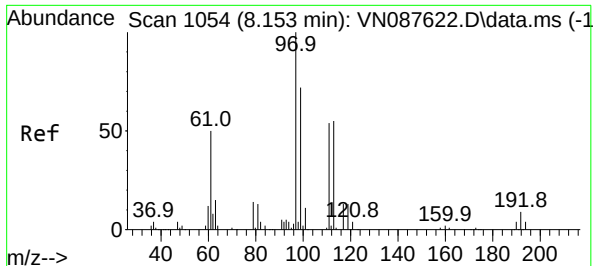
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.2

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBSD01

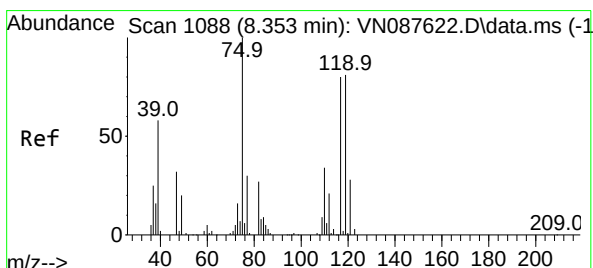
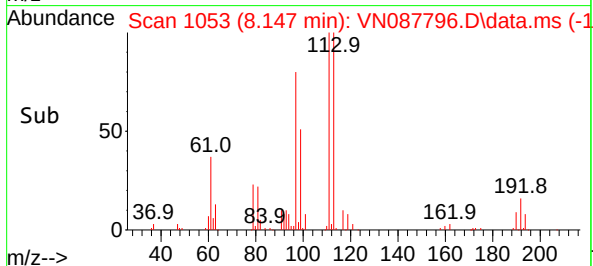
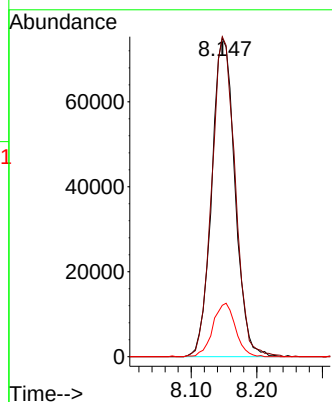
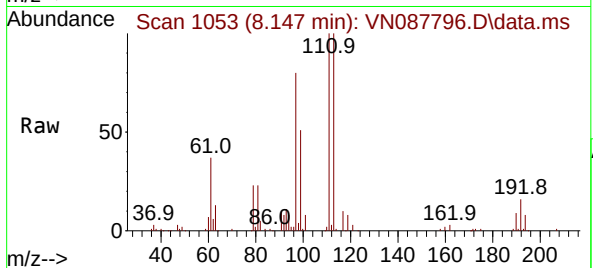
Tgt Ion:113 Resp: 184238

Ion Ratio Lower Upper

113 100

111 100.9 82.8 124.2

192 16.4 12.8 19.2



#36

1,1-Dichloropropene

Concen: 20.855 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

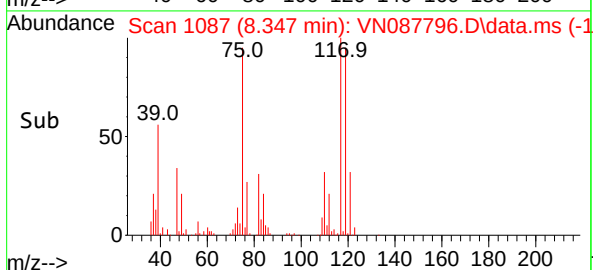
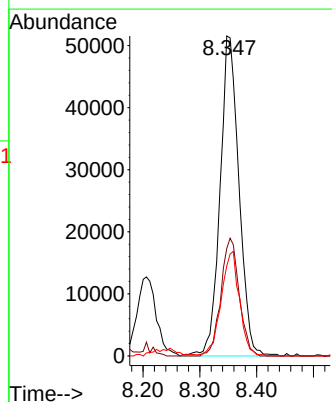
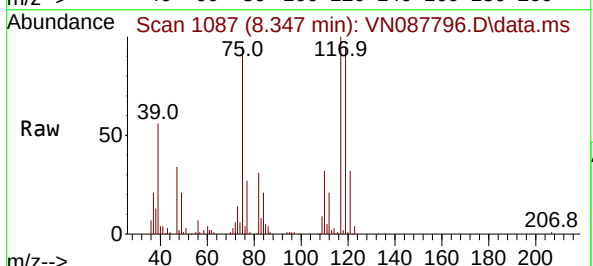
Tgt Ion: 75 Resp: 119325

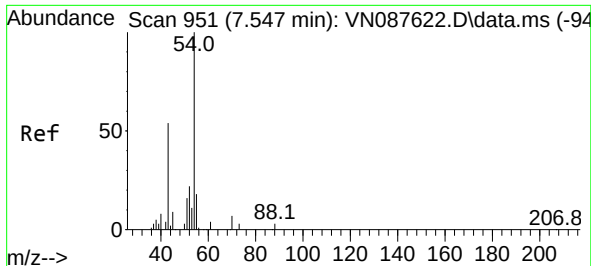
Ion Ratio Lower Upper

75 100

110 35.6 15.9 47.6

77 31.7 24.4 36.6

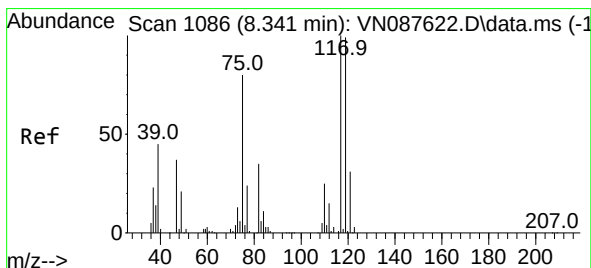
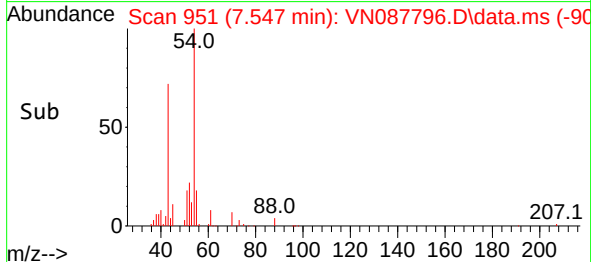
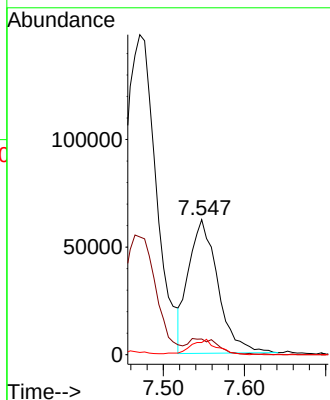
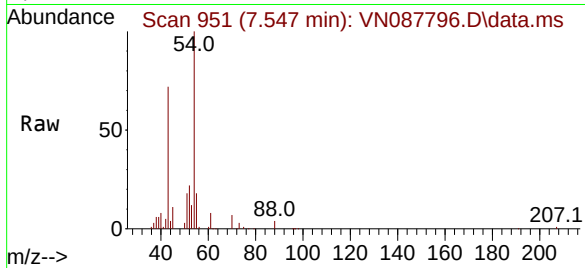




#37
Ethyl Acetate
Concen: 19.972 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

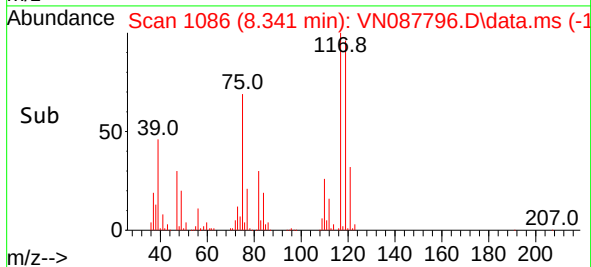
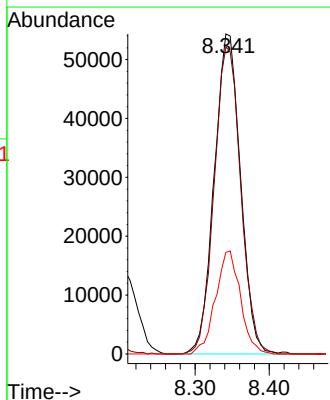
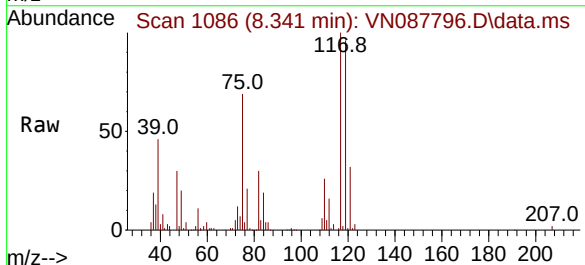
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

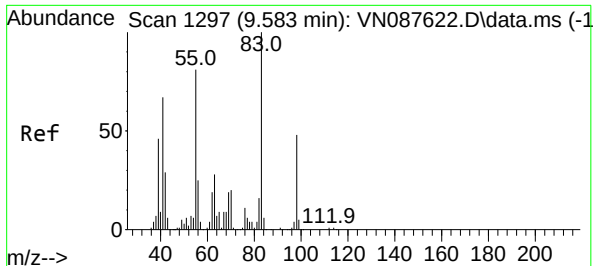
Tgt Ion: 43 Resp: 156153
Ion Ratio Lower Upper
43 100
61 11.7 9.3 13.9
70 10.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 23.702 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 117 Resp: 133901
Ion Ratio Lower Upper
117 100
119 95.9 79.0 118.6
121 31.8 25.0 37.6





#39

Methylcyclohexane

Concen: 23.375 ug/l

RT: 9.577 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBSD01

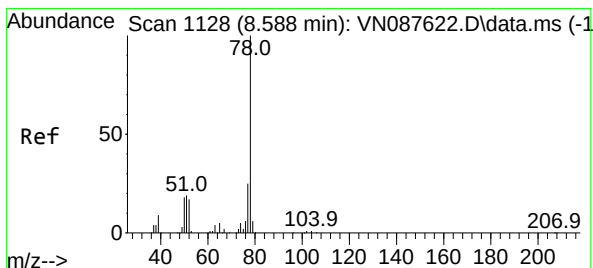
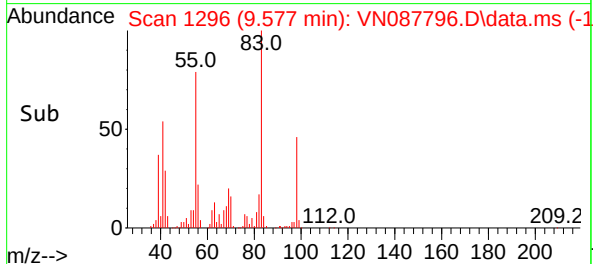
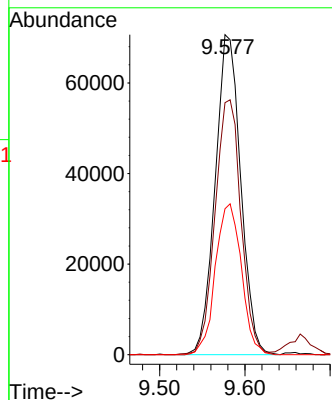
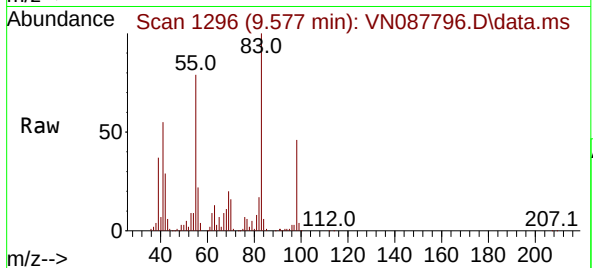
Tgt Ion: 83 Resp: 147246

Ion Ratio Lower Upper

83 100

55 78.5 64.6 96.8

98 45.6 38.4 57.6



#40

Benzene

Concen: 21.966 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087796.D

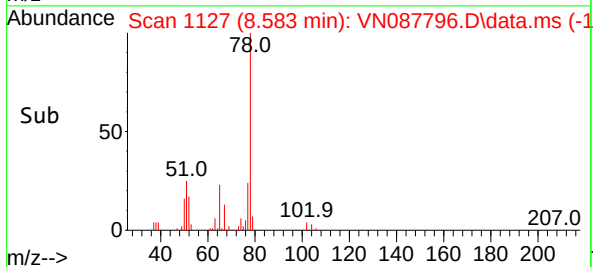
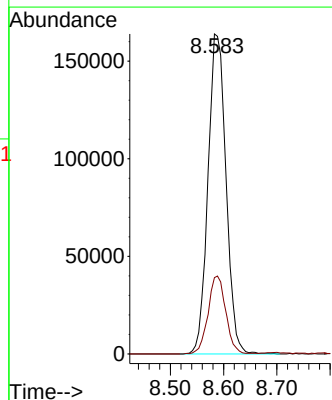
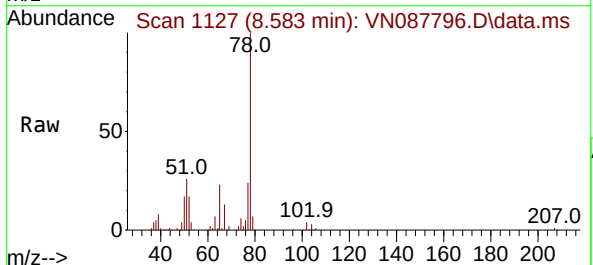
Acq: 11 Sep 2025 14:42

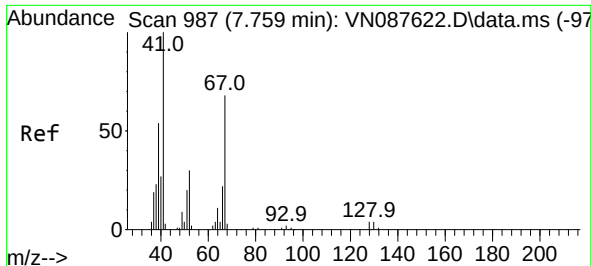
Tgt Ion: 78 Resp: 385488

Ion Ratio Lower Upper

78 100

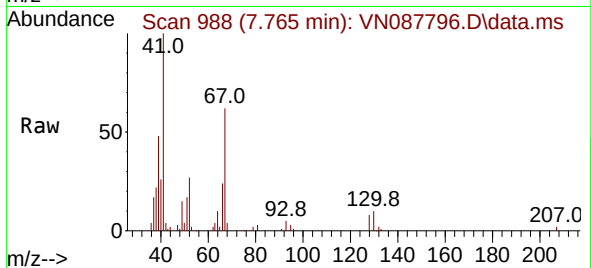
77 23.9 19.7 29.5



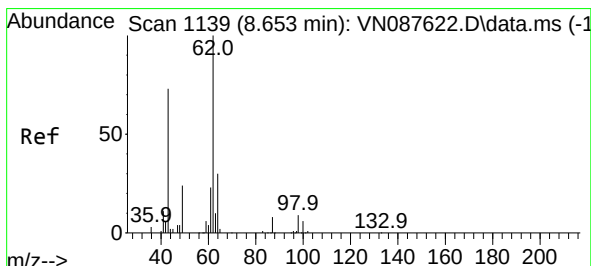
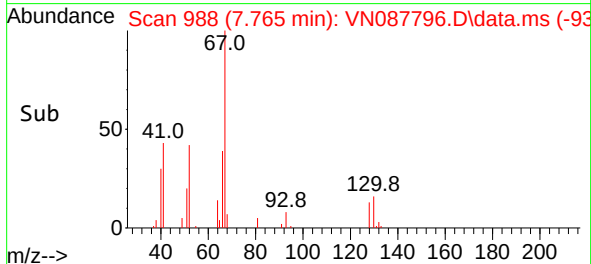
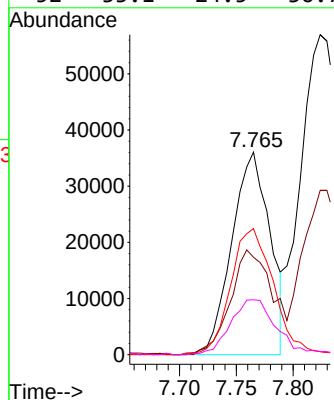


#41
Methacrylonitrile
Concen: 20.802 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

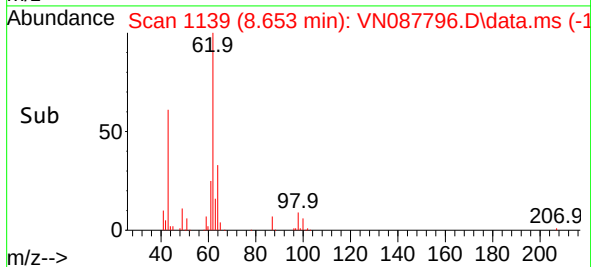
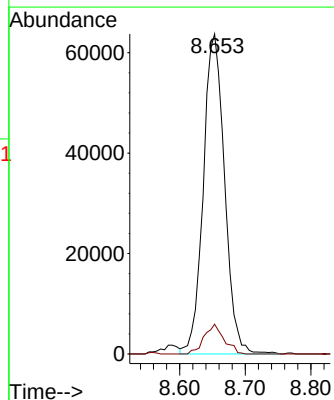
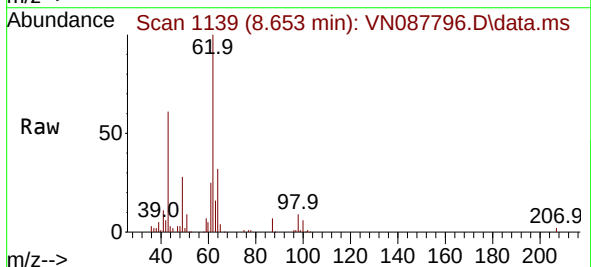


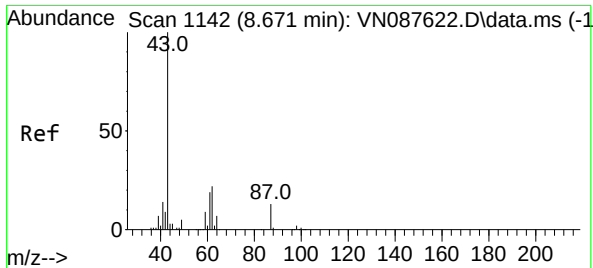
Tgt Ion:	41	Resp:	84250
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.4	68.0
67	70.0	55.3	82.9
52	33.1	24.5	36.7



#42
1,2-Dichloroethane
Concen: 21.342 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion:	62	Resp:	143929
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4

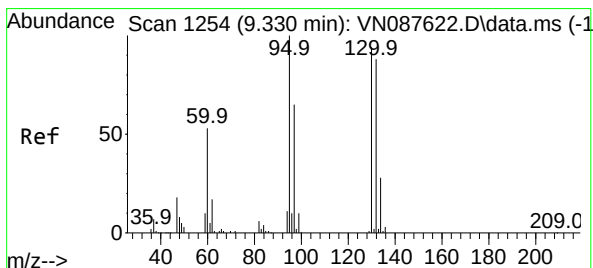
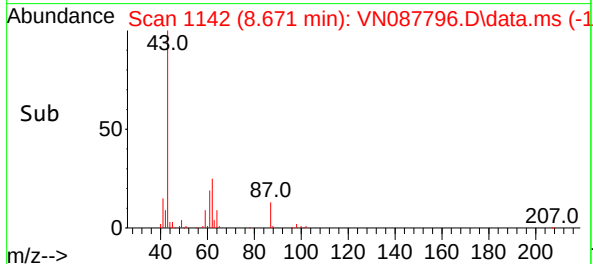
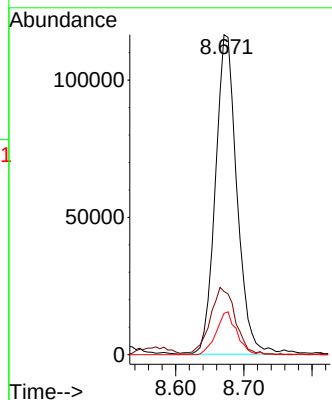
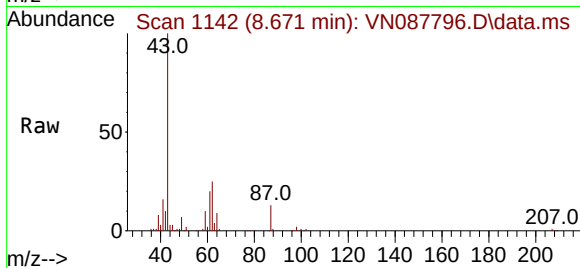




#43
Isopropyl Acetate
Concen: 20.974 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

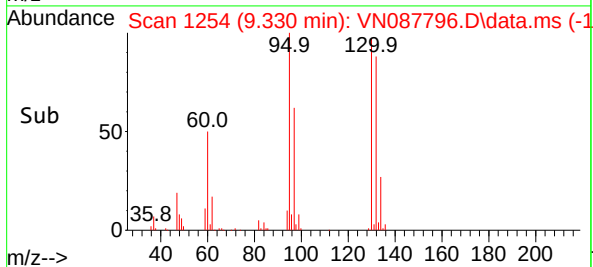
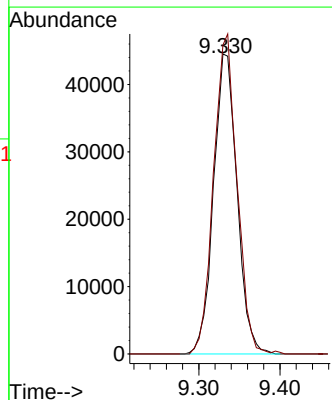
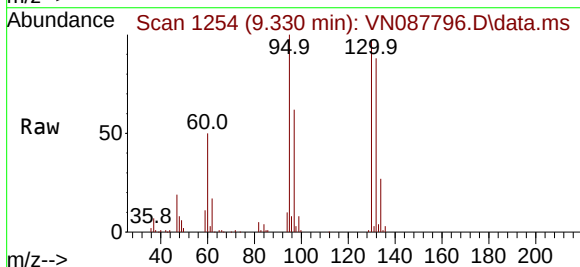
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

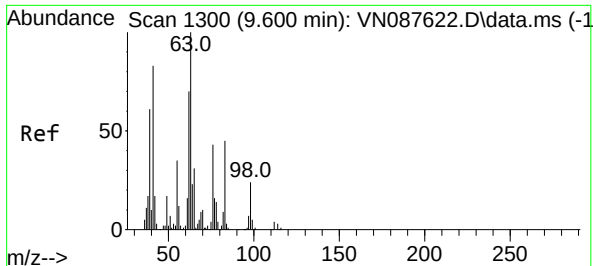
Tgt Ion: 43 Resp: 256028
Ion Ratio Lower Upper
43 100
61 24.6 18.8 28.2
87 12.9 9.6 14.4



#44
Trichloroethene
Concen: 22.373 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion:130 Resp: 89641
Ion Ratio Lower Upper
130 100
95 102.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 20.696 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

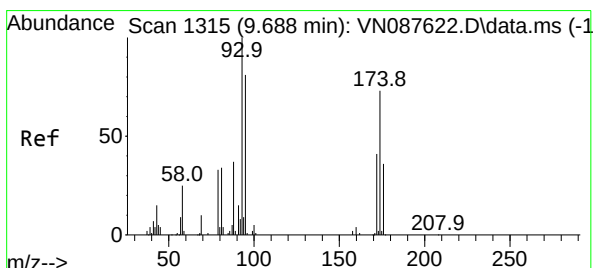
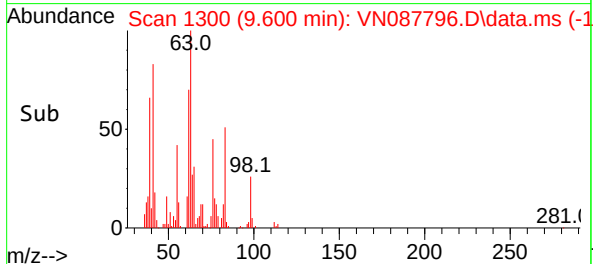
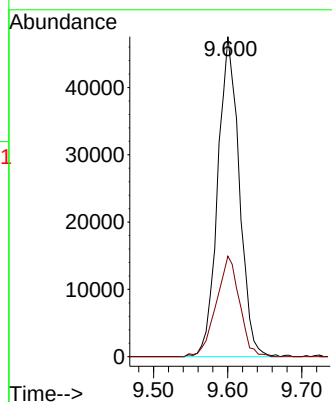
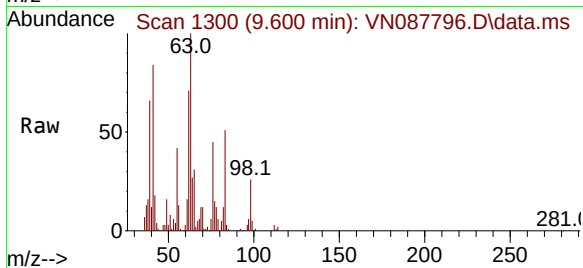
VN0911WBSD01

Tgt Ion: 63 Resp: 95736

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.4



#46

Dibromomethane

Concen: 22.191 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

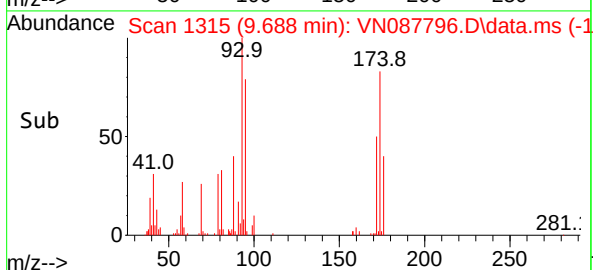
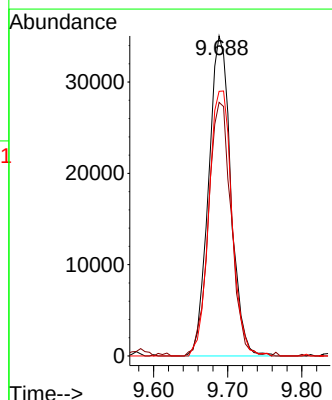
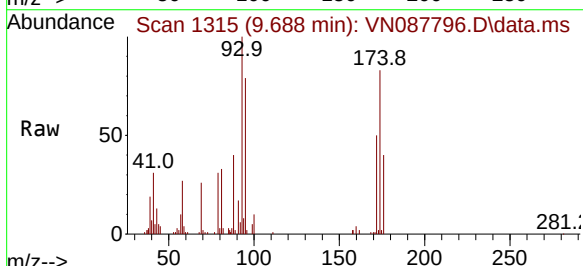
Tgt Ion: 93 Resp: 73049

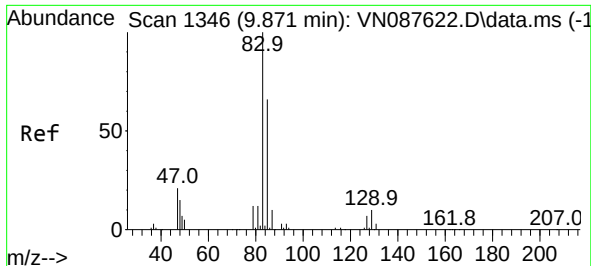
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.4

174 86.0 63.4 95.2

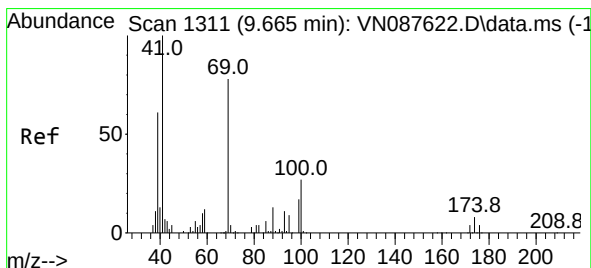
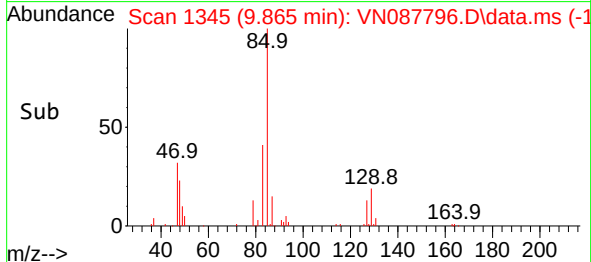
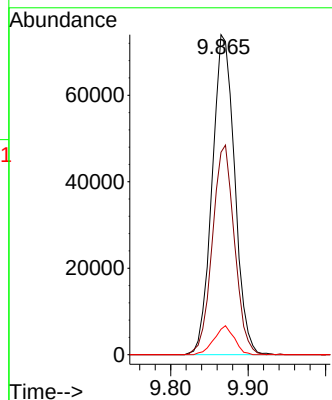
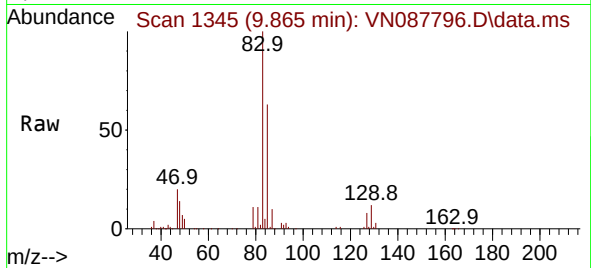




#47
Bromodichloromethane
Concen: 22.168 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

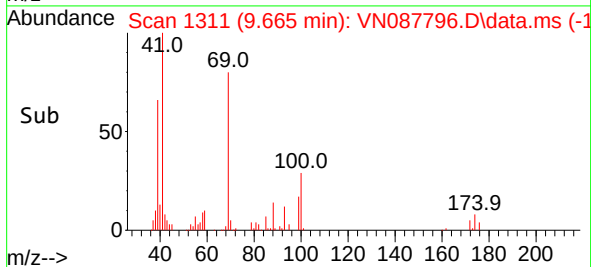
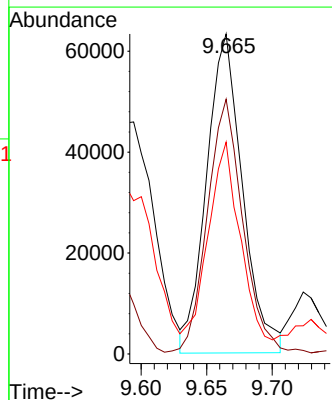
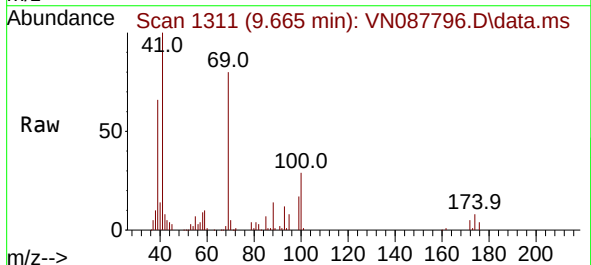
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

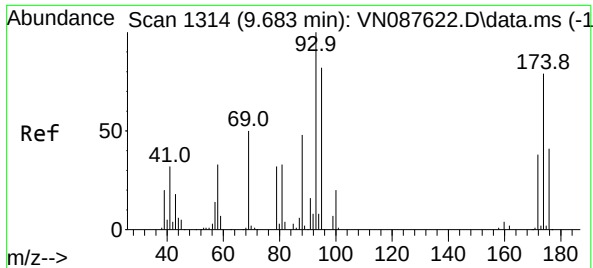
Tgt Ion: 83 Resp: 149553
Ion Ratio Lower Upper
83 100
85 63.2 52.5 78.7
127 7.9 5.8 8.6



#48
Methyl methacrylate
Concen: 20.898 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 41 Resp: 120665
Ion Ratio Lower Upper
41 100
69 78.7 62.7 94.1
39 62.0 52.9 79.3





#49

1,4-Dioxane

Concen: 491.085 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBSD01

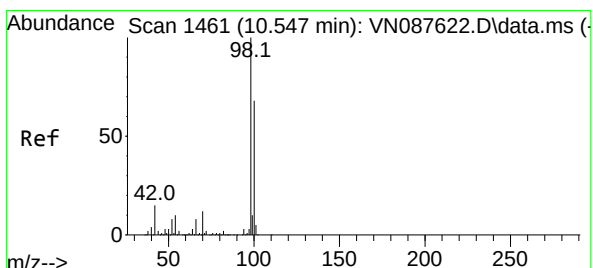
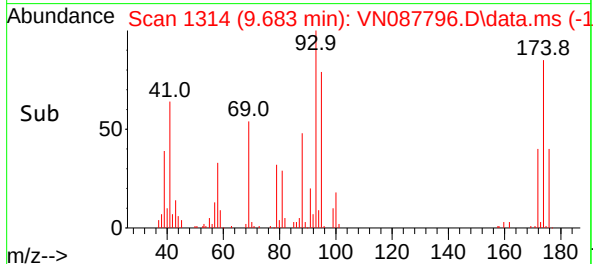
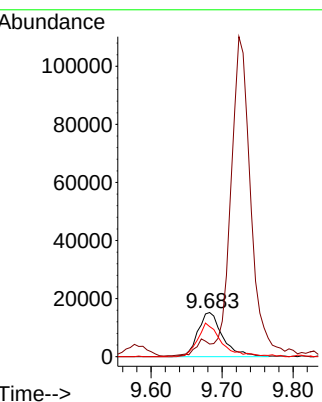
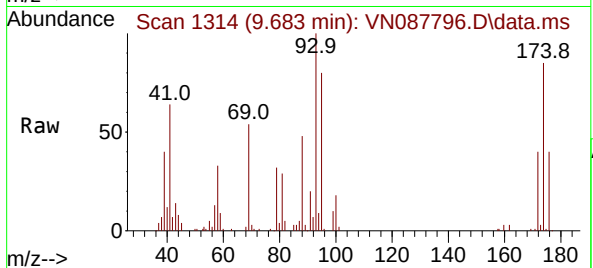
Tgt Ion: 88 Resp: 36752

Ion Ratio Lower Upper

88 100

43 21.7 0.0 0.0#

58 72.8 57.9 86.9



#50

Toluene-d8

Concen: 47.141 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087796.D

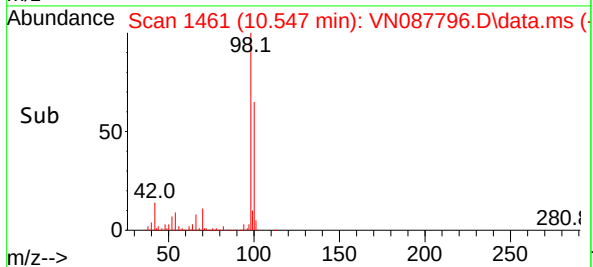
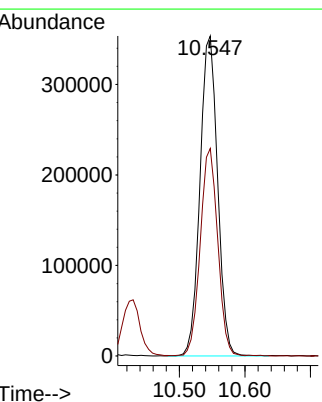
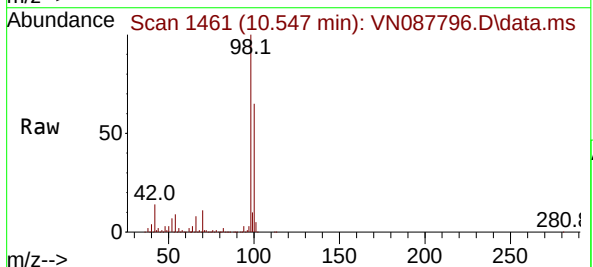
Acq: 11 Sep 2025 14:42

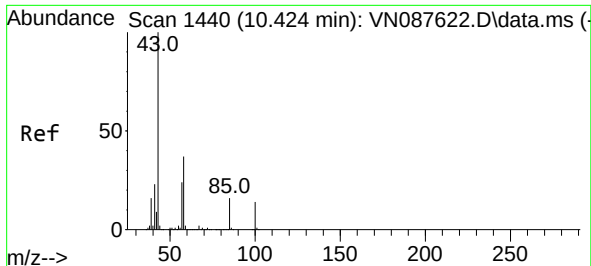
Tgt Ion: 98 Resp: 658053

Ion Ratio Lower Upper

98 100

100 64.1 52.8 79.2

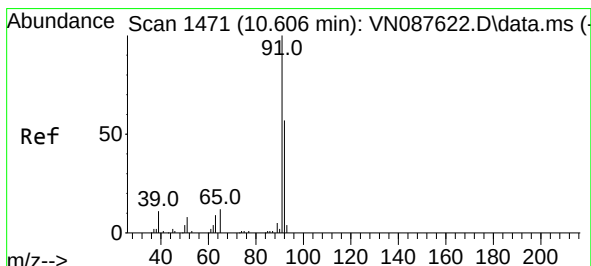
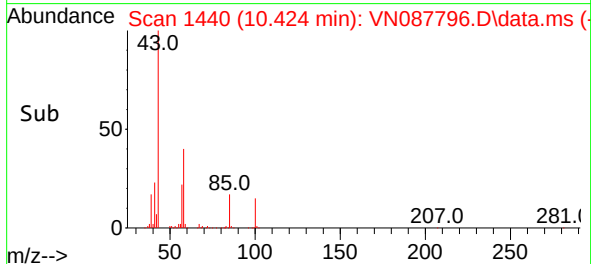
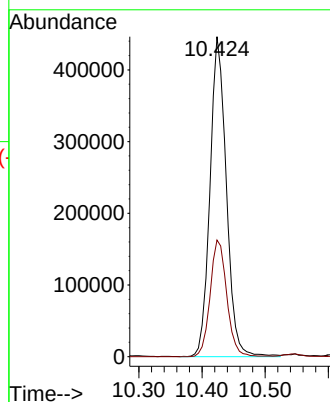
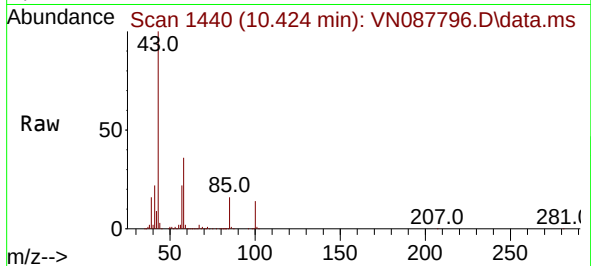




#51
4-Methyl-2-Pentanone
Concen: 109.212 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

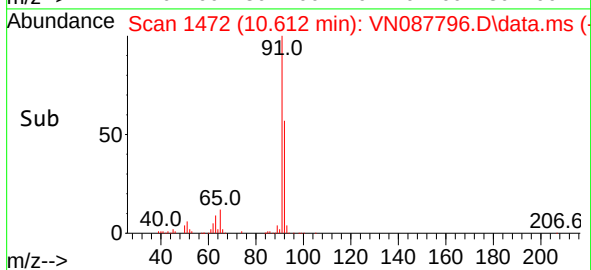
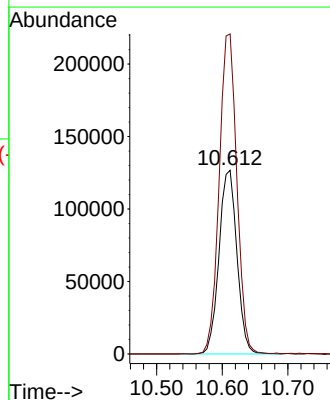
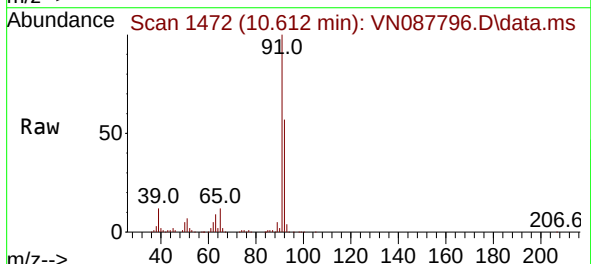
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

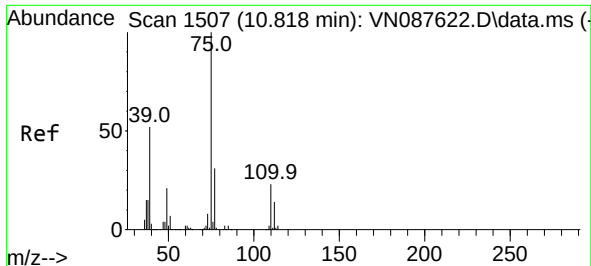
Tgt Ion: 43 Resp: 804345
Ion Ratio Lower Upper
43 100
58 37.2 29.6 44.4



#52
Toluene
Concen: 22.042 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 92 Resp: 239807
Ion Ratio Lower Upper
92 100
91 171.8 140.4 210.6

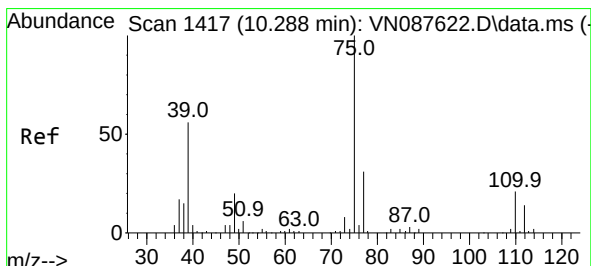
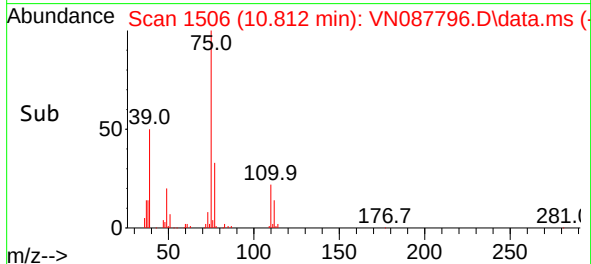
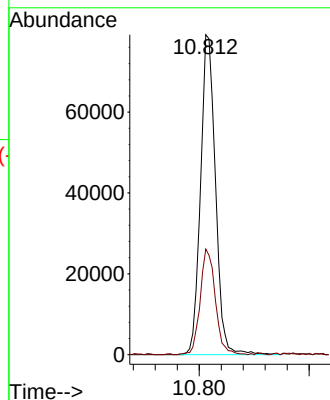
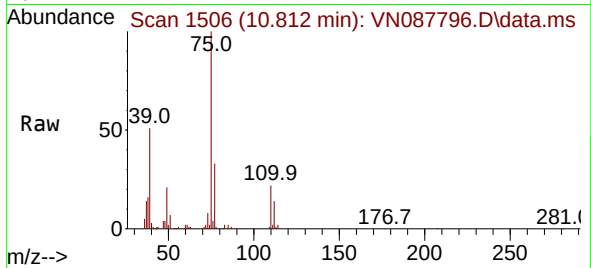




#53
t-1,3-Dichloropropene
Concen: 21.397 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

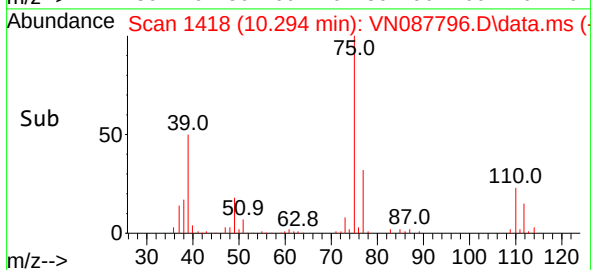
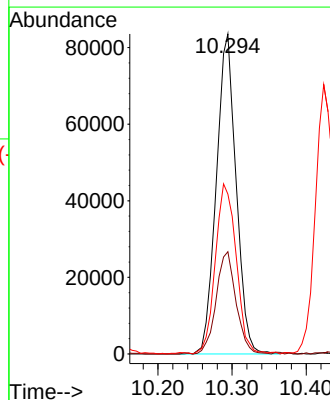
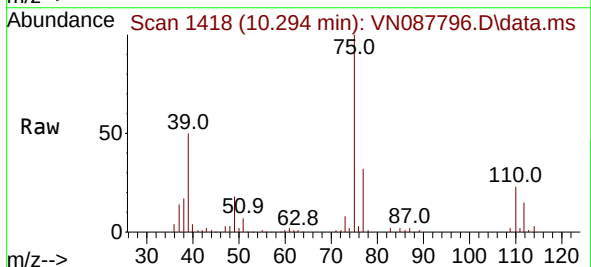
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

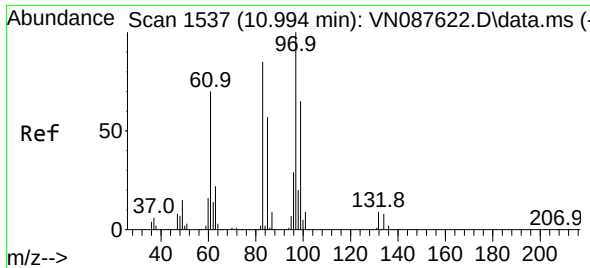
Tgt Ion: 75 Resp: 149420
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 21.394 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 75 Resp: 155127
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0
39 50.0 45.2 67.8

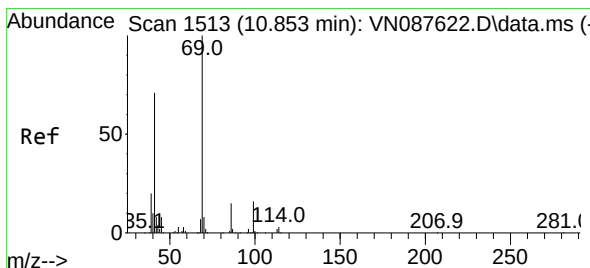
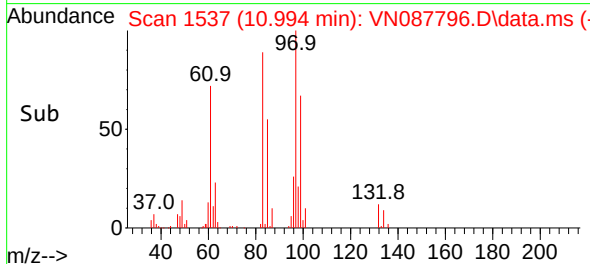
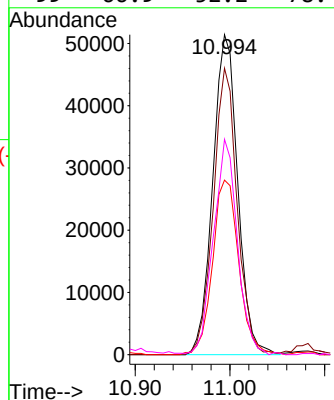
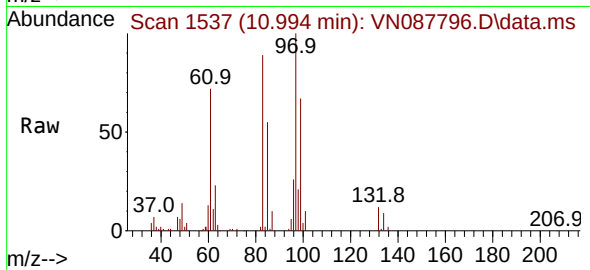




#55
 1,1,2-Trichloroethane
 Concen: 22.354 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

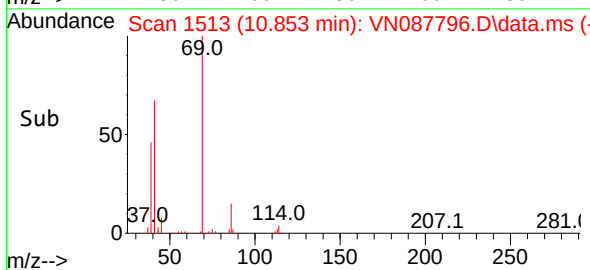
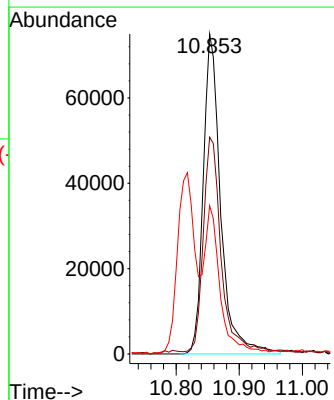
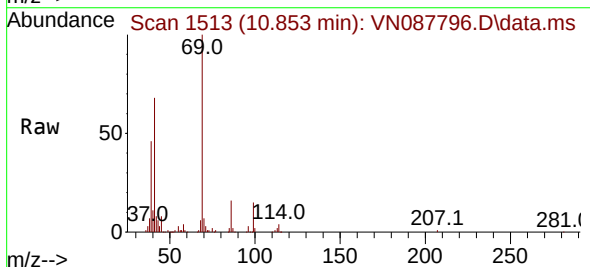
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBSD01

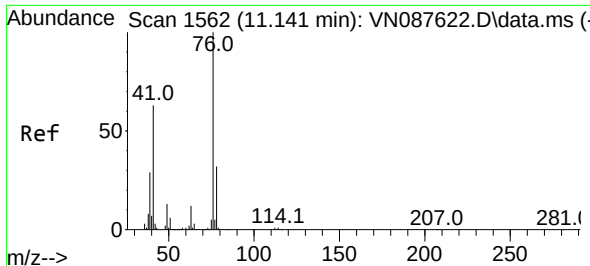
Tgt Ion:	97	Resp:	94082
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.2	102.4
85	54.6	45.5	68.3
99	66.9	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 21.360 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

Tgt Ion:	69	Resp:	143672
Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.5	84.7
39	40.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 21.682 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

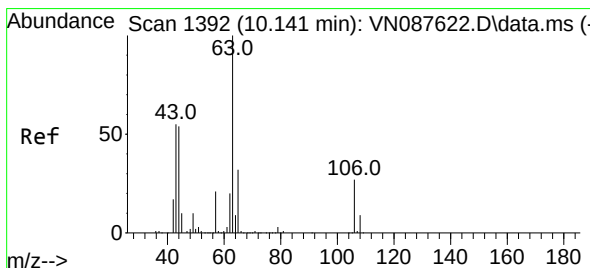
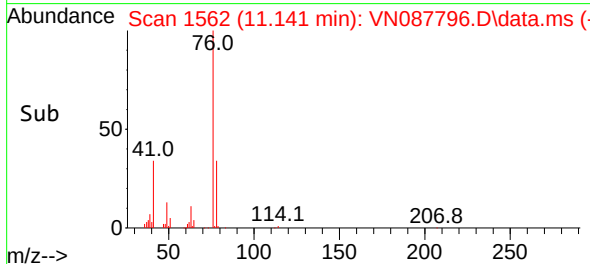
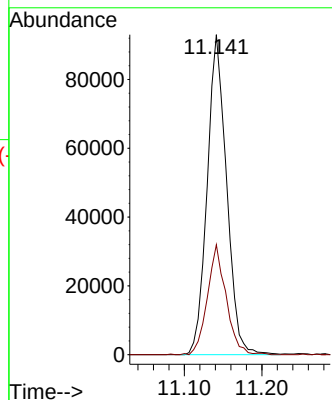
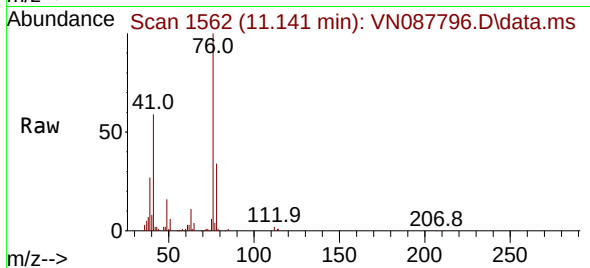
VN0911WBSD01

Tgt Ion: 76 Resp: 161502

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 76.412 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087796.D

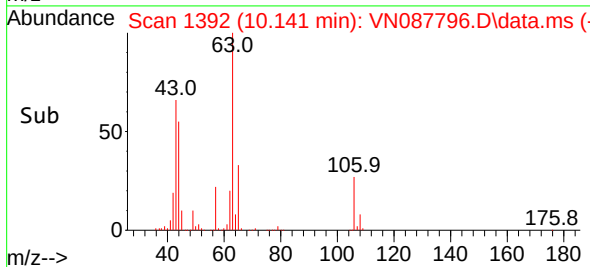
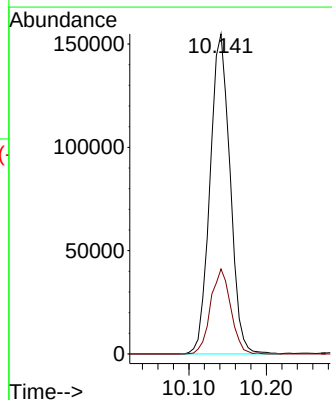
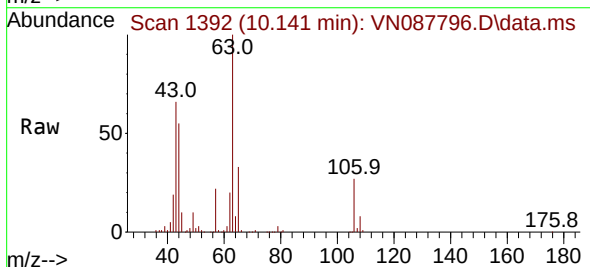
Acq: 11 Sep 2025 14:42

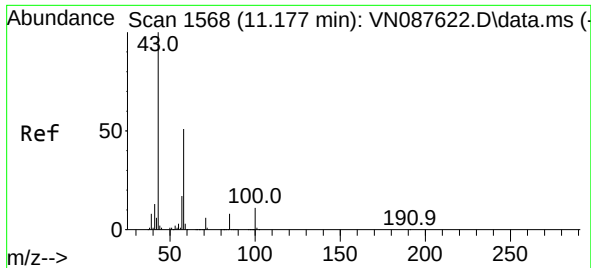
Tgt Ion: 63 Resp: 278180

Ion Ratio Lower Upper

63 100

106 26.7 21.1 31.7

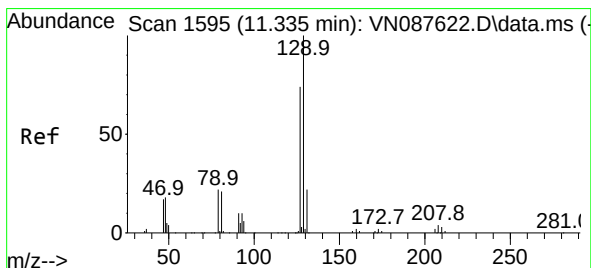
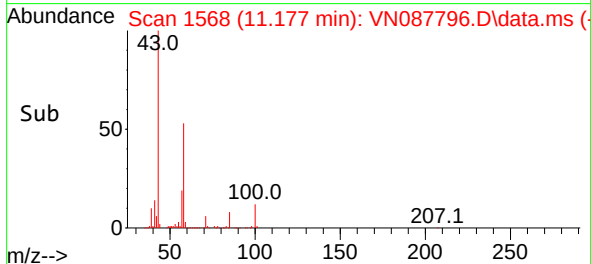
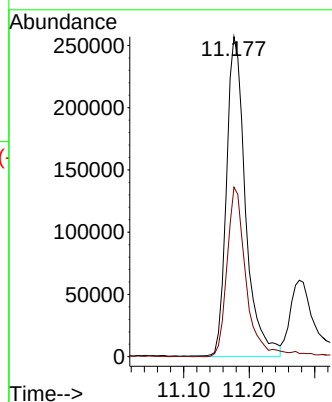
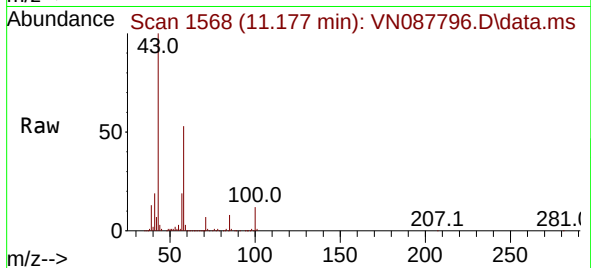




#59
2-Hexanone
Concen: 110.878 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

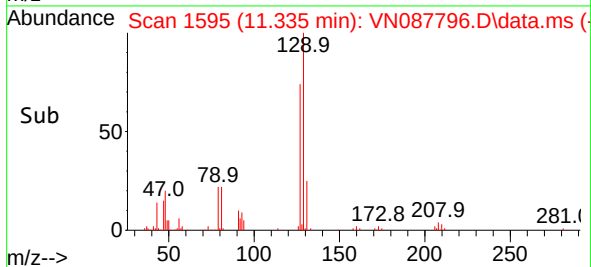
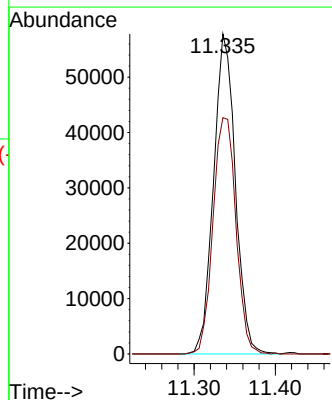
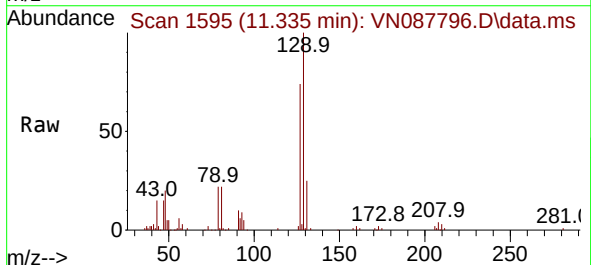
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

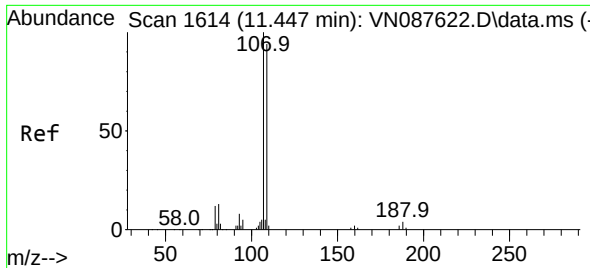
Tgt Ion: 43 Resp: 516097
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.8



#60
Dibromochloromethane
Concen: 22.109 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 129 Resp: 107819
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

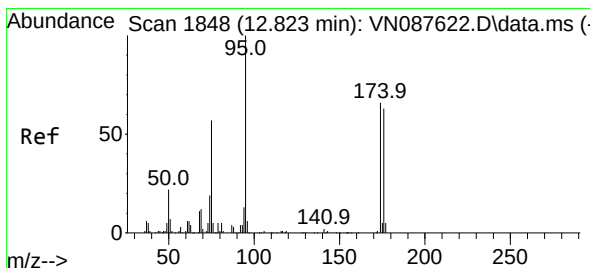
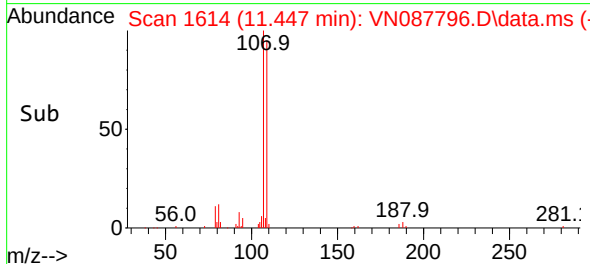
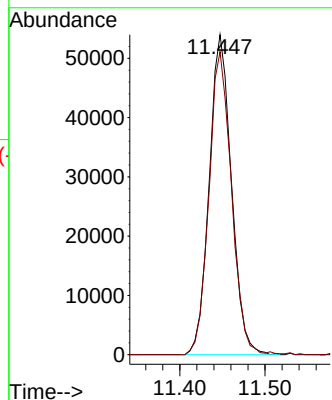
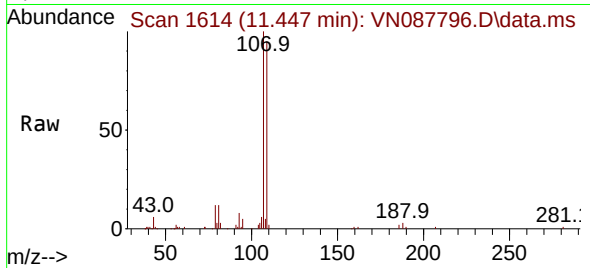




#61
1,2-Dibromoethane
Concen: 22.054 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

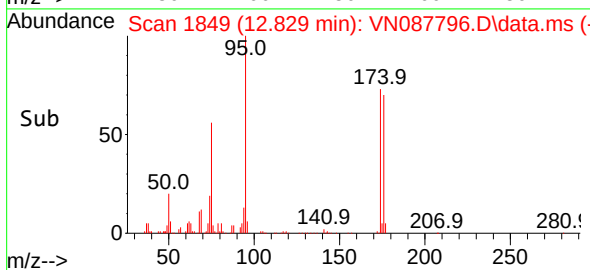
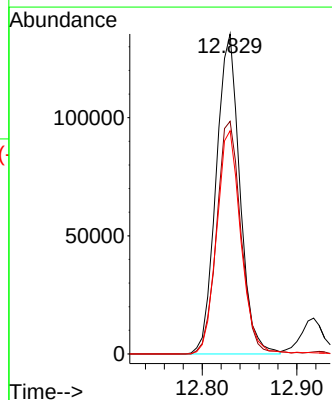
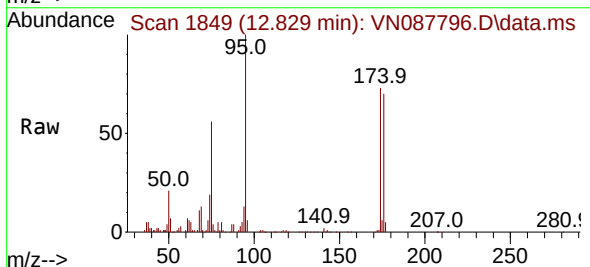
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

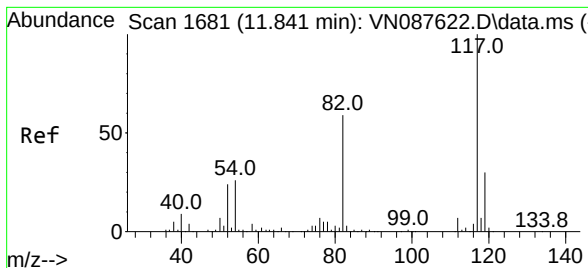
Tgt Ion:107 Resp: 97873
Ion Ratio Lower Upper
107 100
109 95.5 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 47.466 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 95 Resp: 235639
Ion Ratio Lower Upper
95 100
174 74.8 0.0 138.4
176 71.3 0.0 132.6

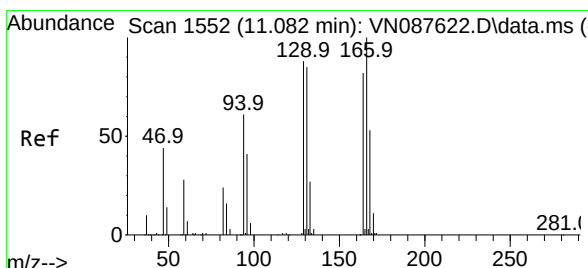
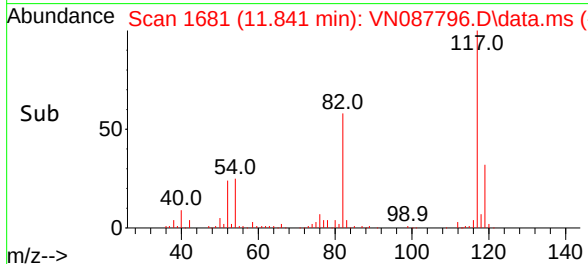
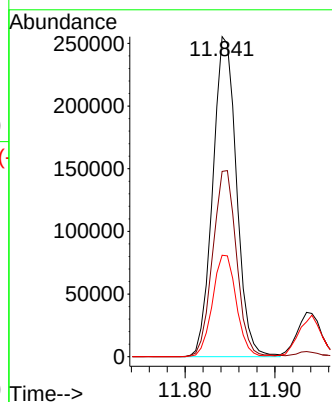
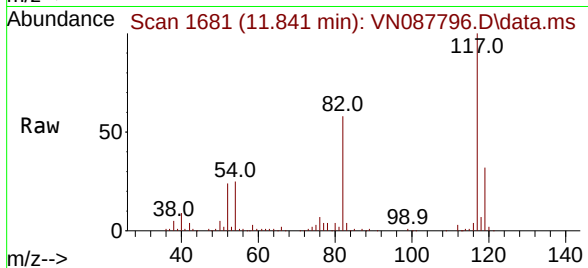




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

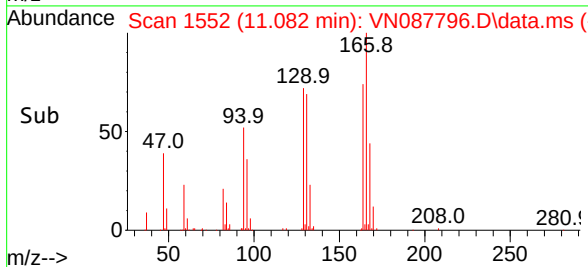
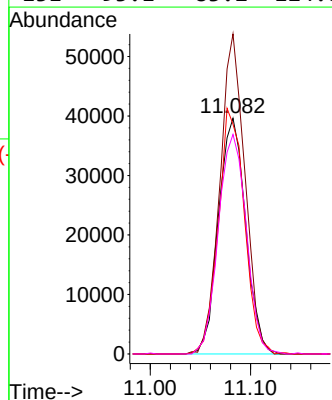
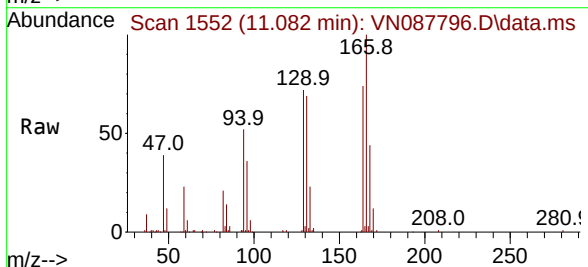
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

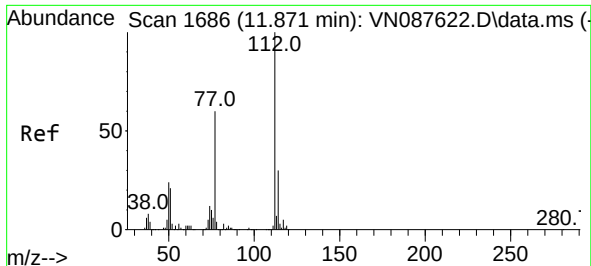
Tgt Ion:117 Resp: 469236
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.7 24.3 36.5



#64
Tetrachloroethene
Concen: 22.891 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion:164 Resp: 74523
Ion Ratio Lower Upper
164 100
166 135.8 97.7 146.5
129 97.5 85.9 128.9
131 93.1 83.2 124.8

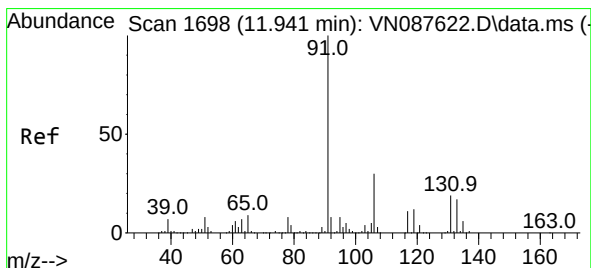
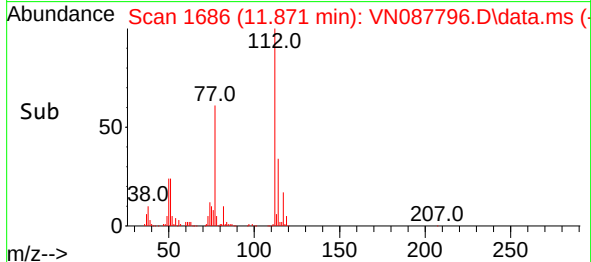
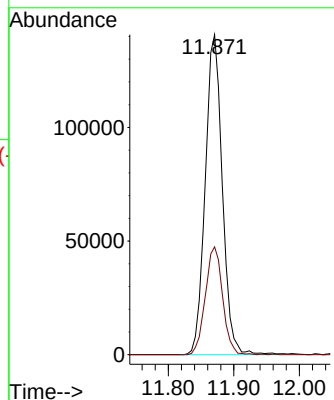
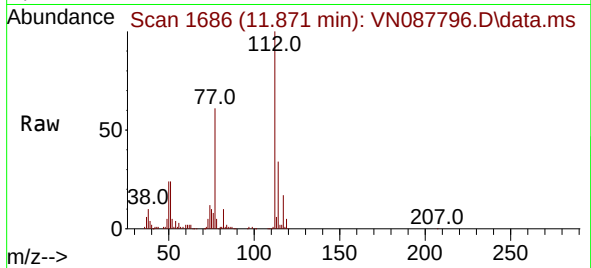




#65
Chlorobenzene
Concen: 21.876 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

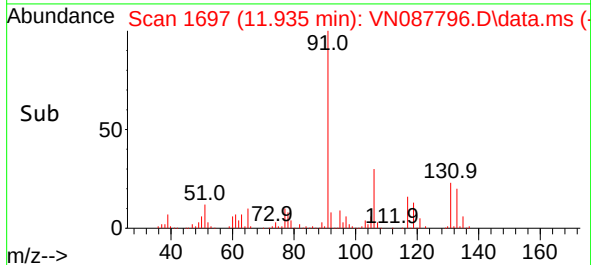
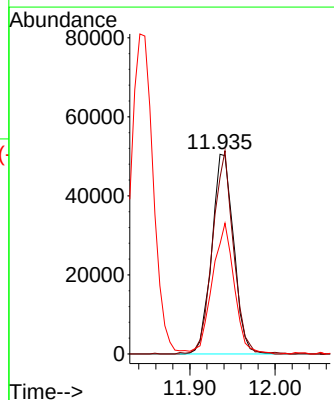
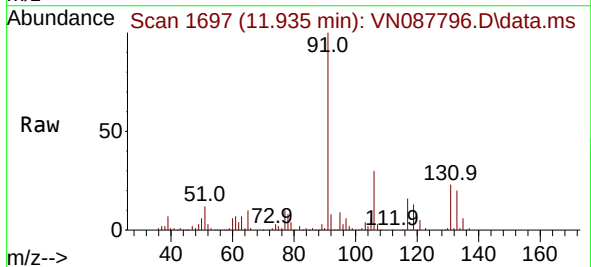
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

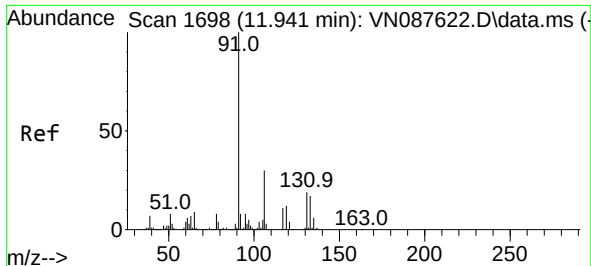
Tgt Ion:112 Resp: 255372
Ion Ratio Lower Upper
112 100
114 33.7 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 23.227 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion:131 Resp: 90019
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 65.5 32.6 97.7

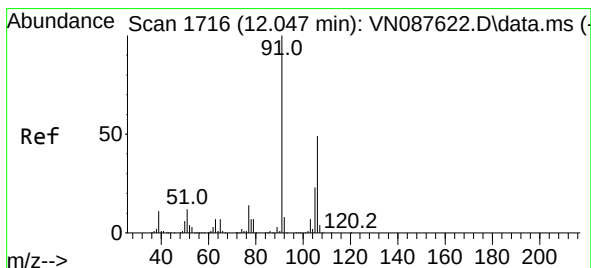
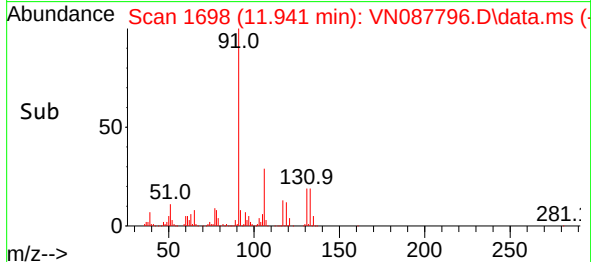
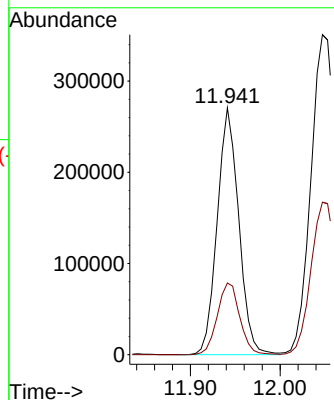
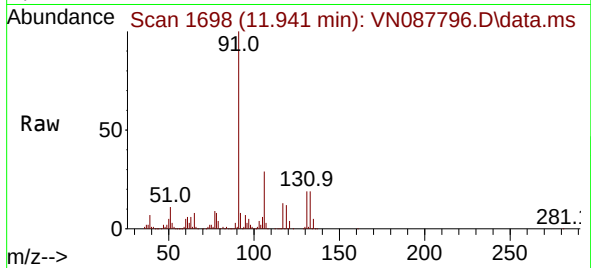




#67
Ethyl Benzene
Concen: 22.306 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

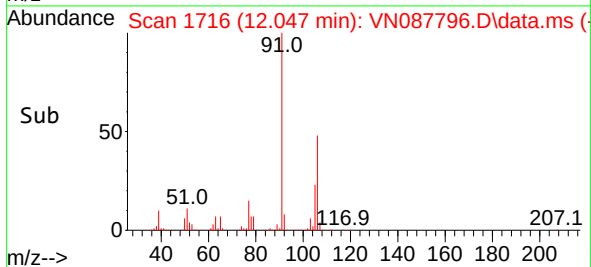
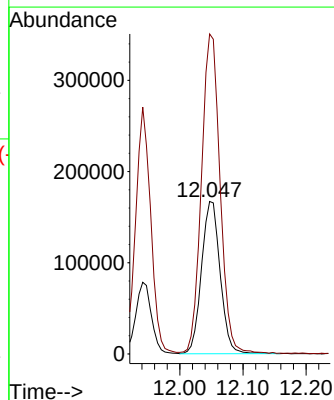
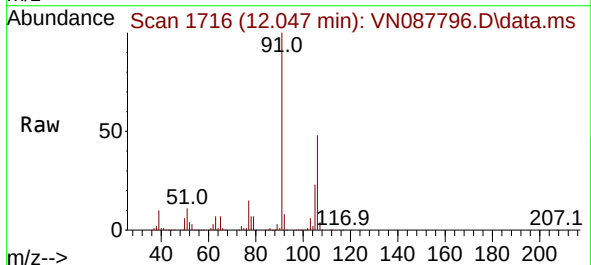
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

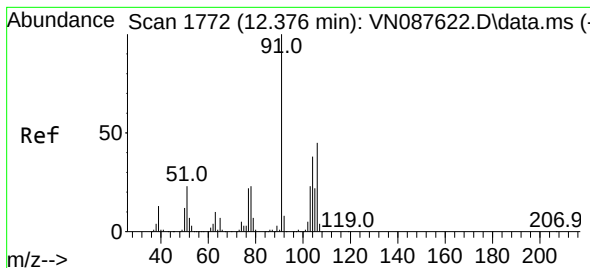
Tgt Ion: 91 Resp: 450854
Ion Ratio Lower Upper
91 100
106 29.0 24.1 36.1



#68
m/p-Xylenes
Concen: 46.310 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 106 Resp: 343287
Ion Ratio Lower Upper
106 100
91 208.8 169.3 253.9

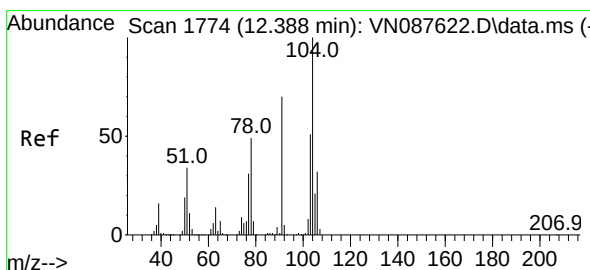
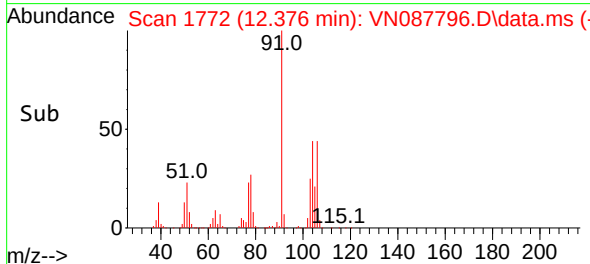
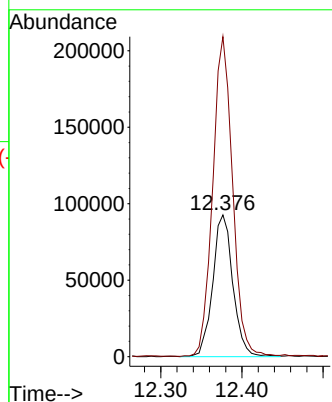
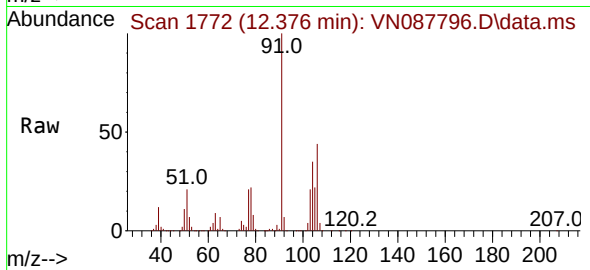




#69
o-Xylene
Concen: 22.057 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

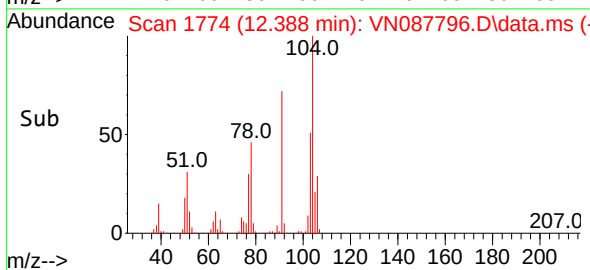
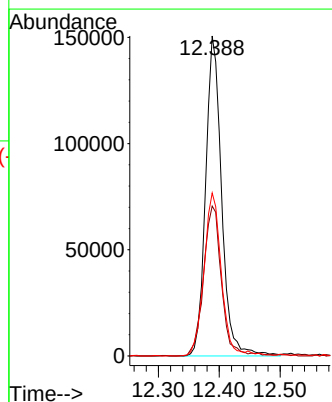
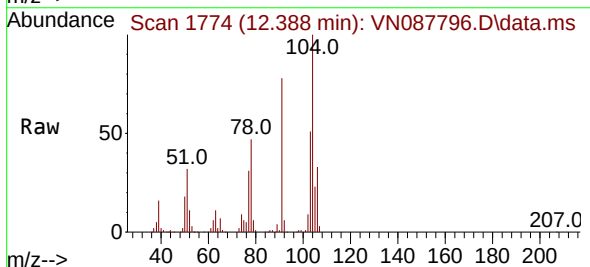
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

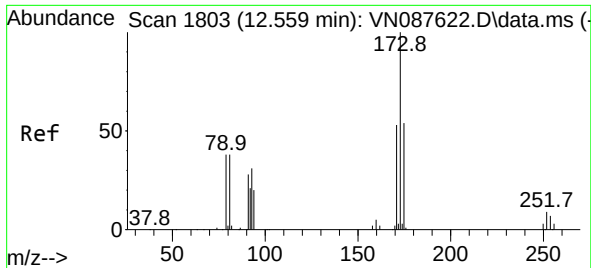
Tgt Ion:106 Resp: 160231
Ion Ratio Lower Upper
106 100
91 221.4 111.4 334.2



#70
Styrene
Concen: 22.649 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion:104 Resp: 275652
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.2
103 55.5 43.4 65.2

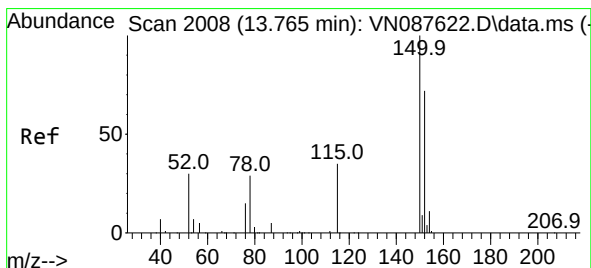
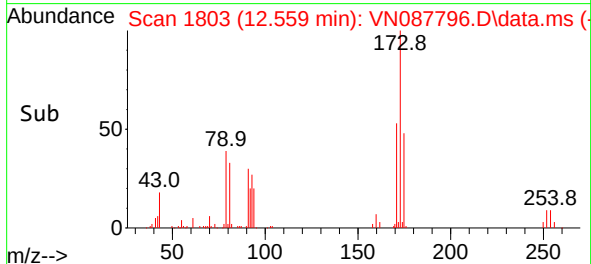
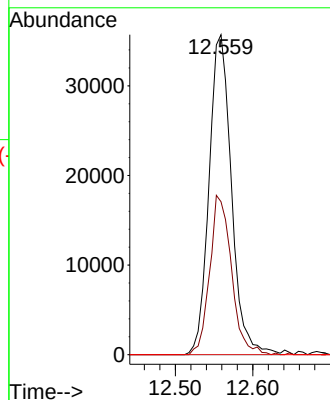
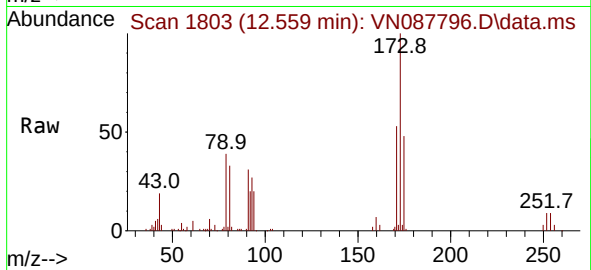




#71
Bromoform
Concen: 24.136 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

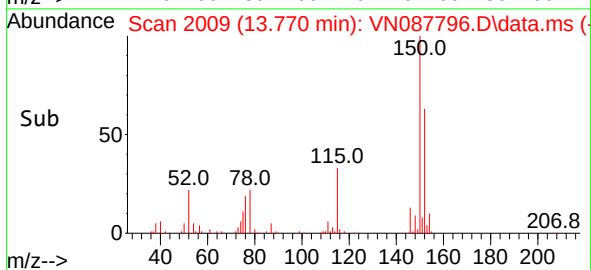
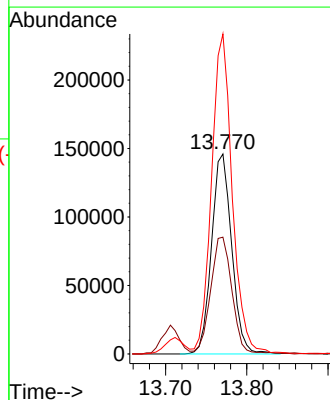
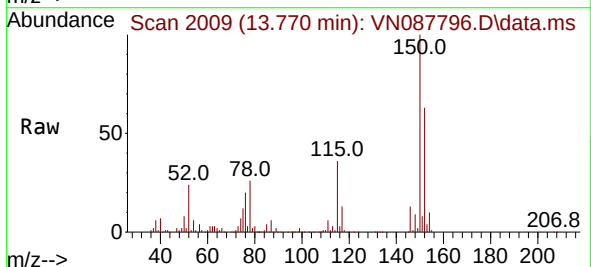
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

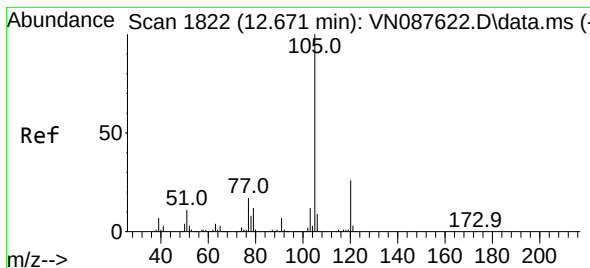
Tgt Ion:173 Resp: 71739
Ion Ratio Lower Upper
173 100
175 48.4 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion:152 Resp: 252435
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 163.9 0.0 351.0





#73

Isopropylbenzene

Concen: 20.758 ug/l

RT: 12.671 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

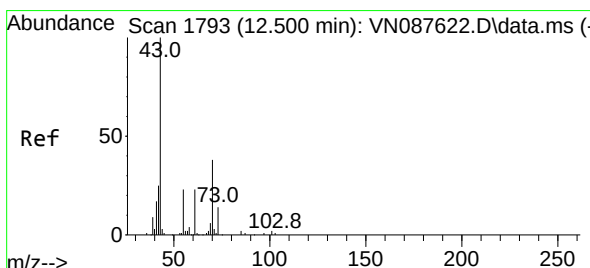
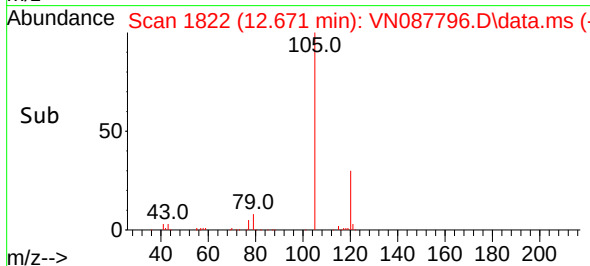
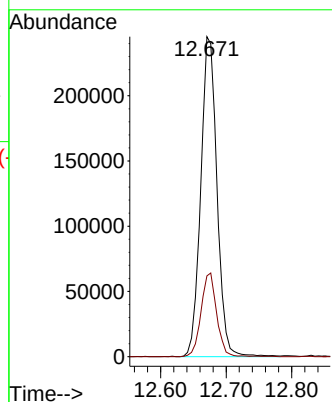
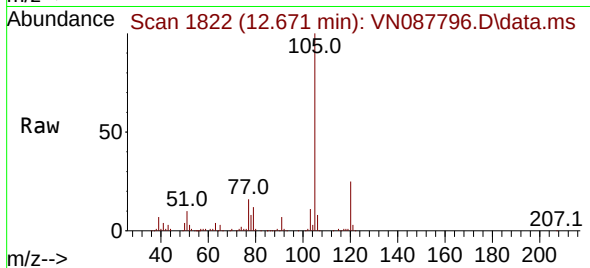
VN0911WBSD01

Tgt Ion:105 Resp: 423440

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



#74

N-ethyl acetate

Concen: 4.256 ug/l

RT: 12.524 min Scan# 1797

Delta R.T. 0.024 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Tgt Ion: 43 Resp: 32902

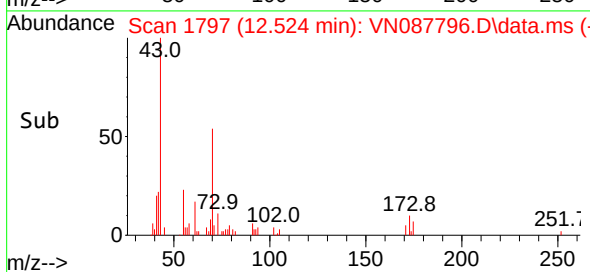
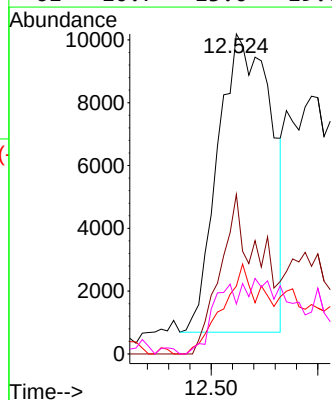
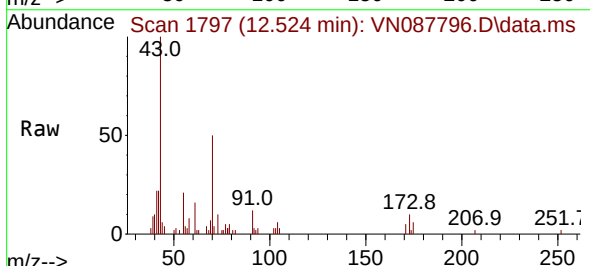
Ion Ratio Lower Upper

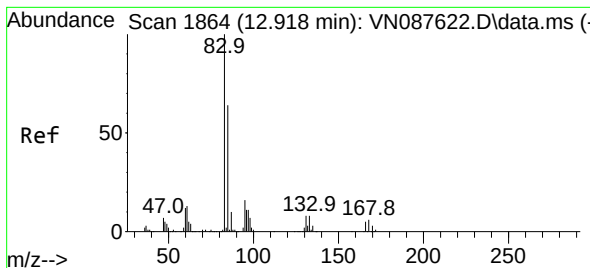
43 100

70 25.6 27.6 41.4#

55 16.8 13.0 19.6

61 10.7 13.0 19.6#

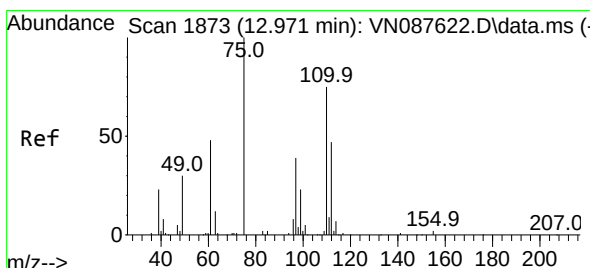
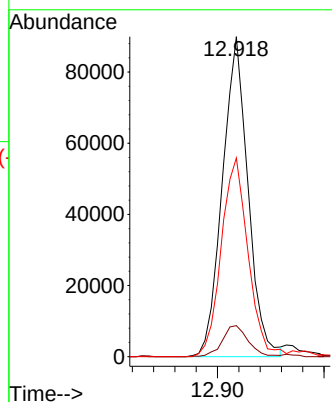
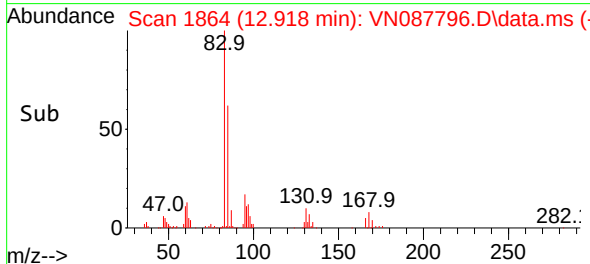
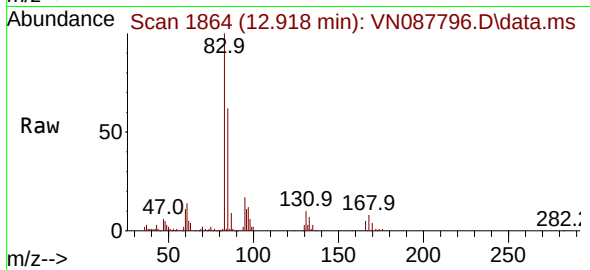




#75
1,1,2-Tetrachloroethane
Concen: 21.382 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

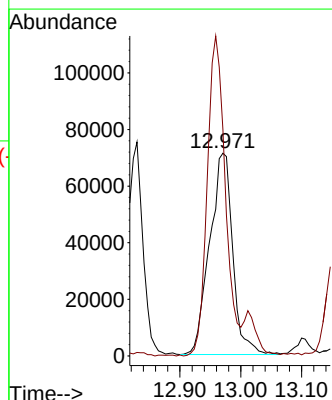
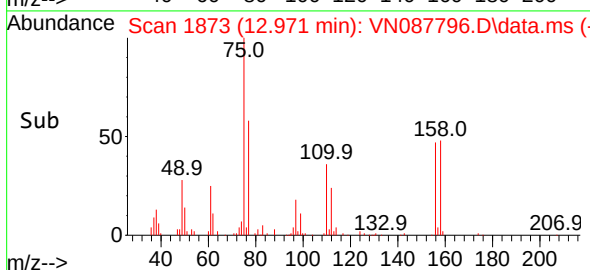
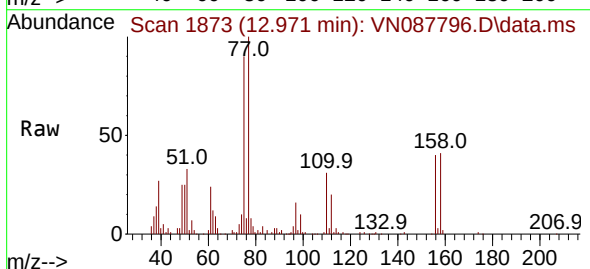
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

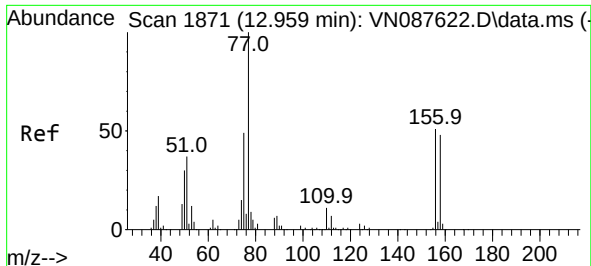
Tgt Ion: 83 Resp: 150166
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 65.0 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 31.687 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 75 Resp: 187576
Ion Ratio Lower Upper
75 100
77 125.0 89.1 267.4

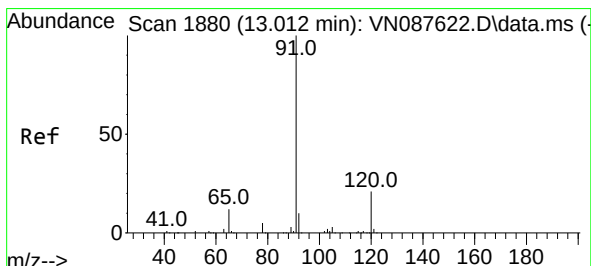
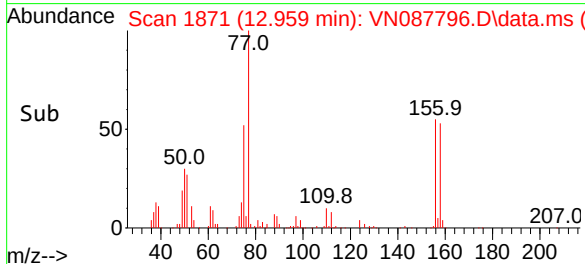
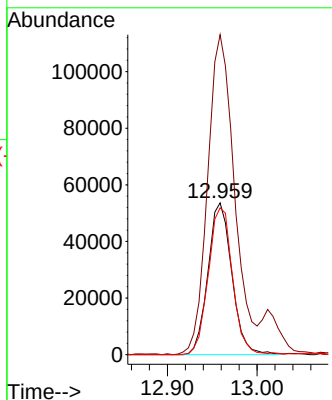
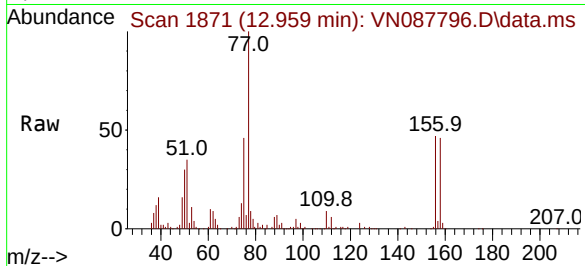




#77
Bromobenzene
Concen: 20.638 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

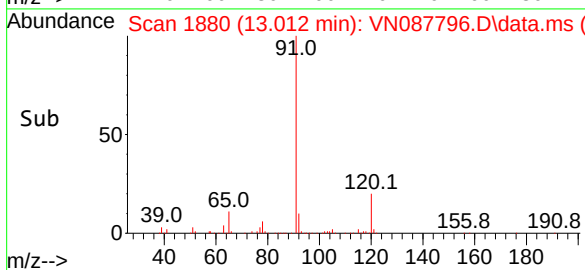
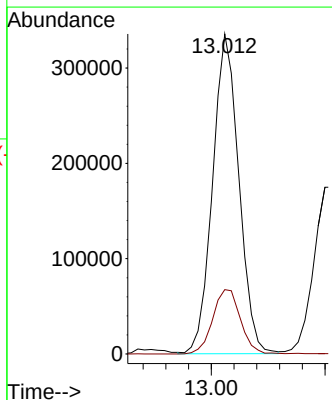
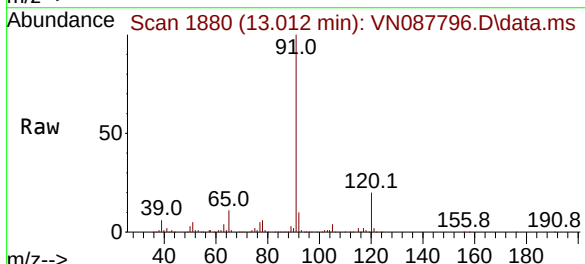
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

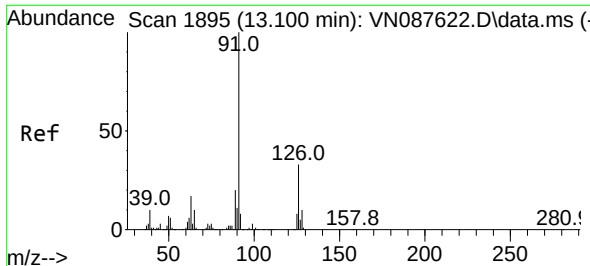
Tgt Ion:156 Resp: 99260
Ion Ratio Lower Upper
156 100
77 236.3 119.3 358.0
158 97.7 48.2 144.6



#78
n-propylbenzene
Concen: 21.448 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 91 Resp: 538903
Ion Ratio Lower Upper
91 100
120 21.3 10.7 32.1

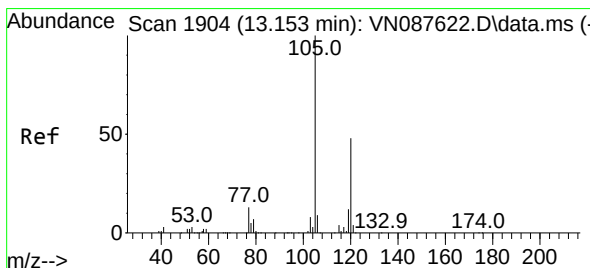
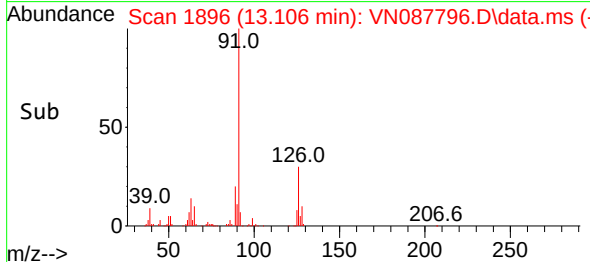
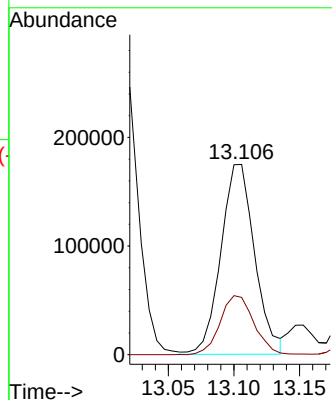
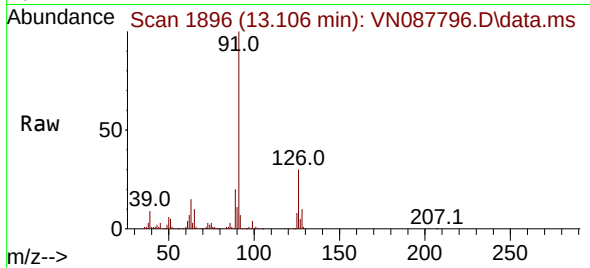




#79
2-Chlorotoluene
Concen: 20.768 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

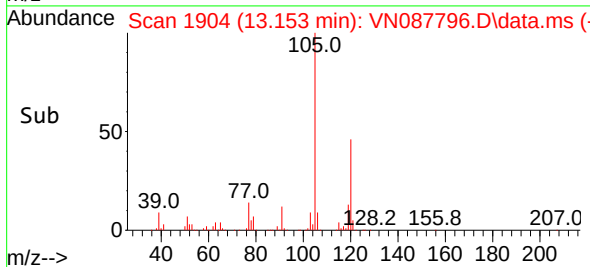
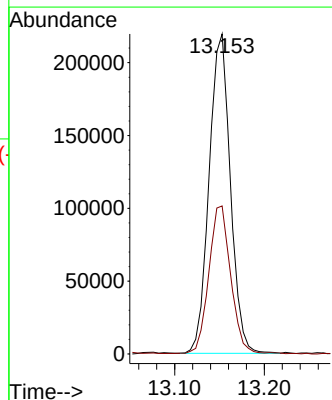
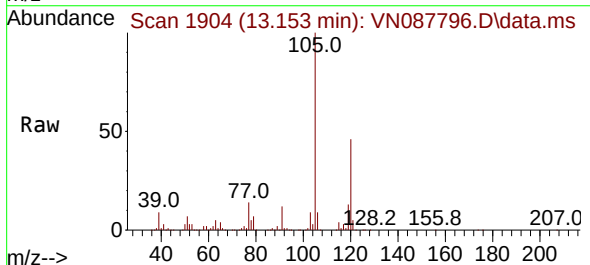
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

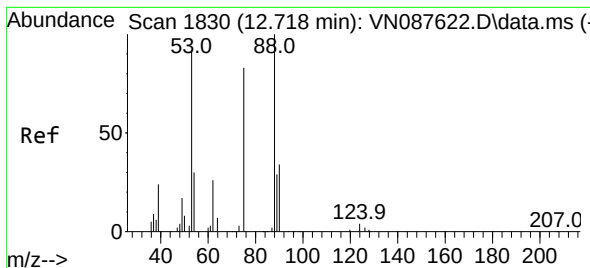
Tgt Ion: 91 Resp: 314012
Ion Ratio Lower Upper
91 100
126 31.2 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 20.842 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 105 Resp: 360655
Ion Ratio Lower Upper
105 100
120 47.5 23.2 69.6

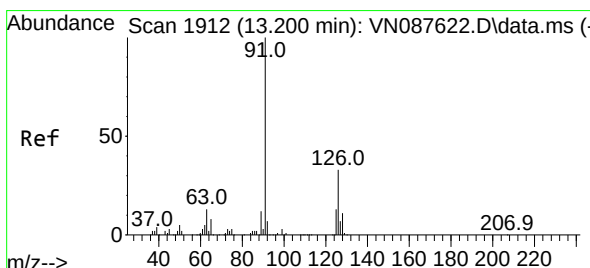
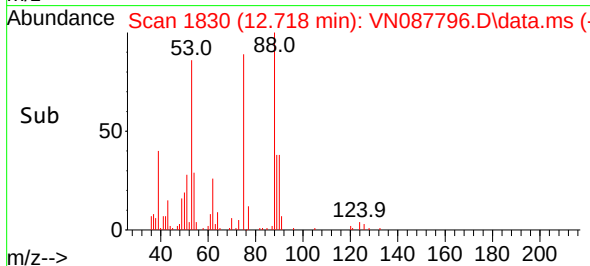
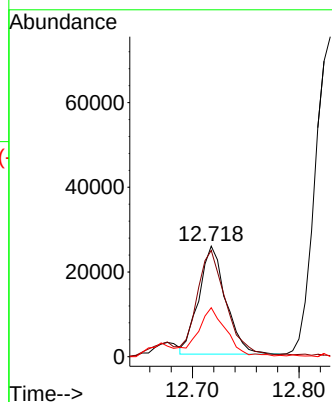
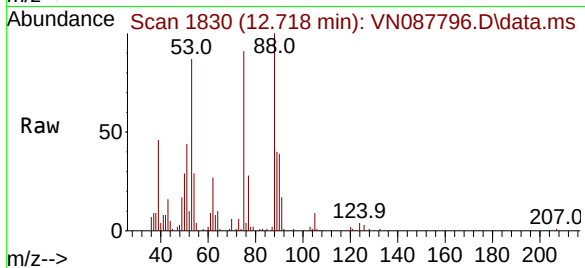




#81
trans-1,4-Dichloro-2-butene
Concen: 20.100 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

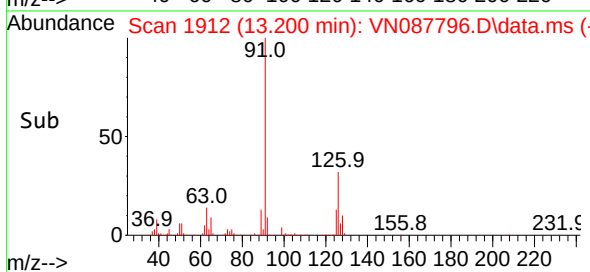
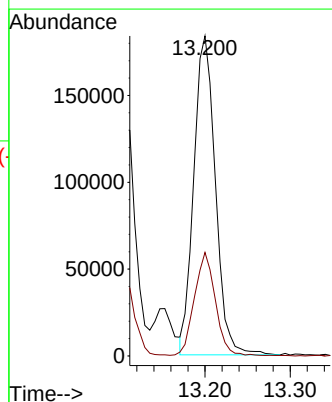
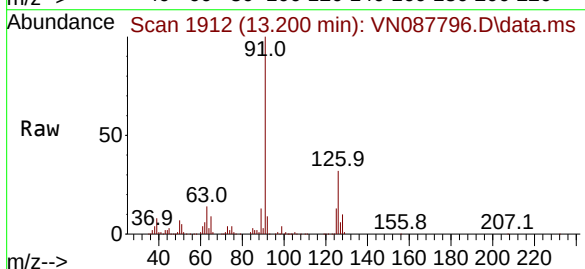
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

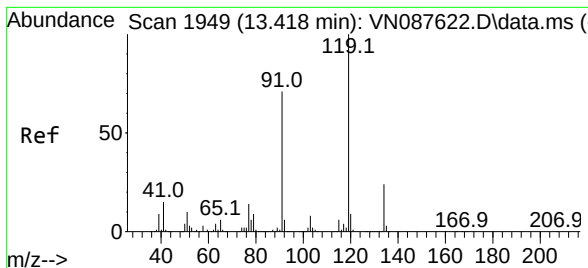
Tgt Ion: 75 Resp: 44946
Ion Ratio Lower Upper
75 100
53 105.3 101.8 152.6
89 47.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 20.340 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 91 Resp: 323353
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8





#83

tert-Butylbenzene

Concen: 21.231 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBSD01

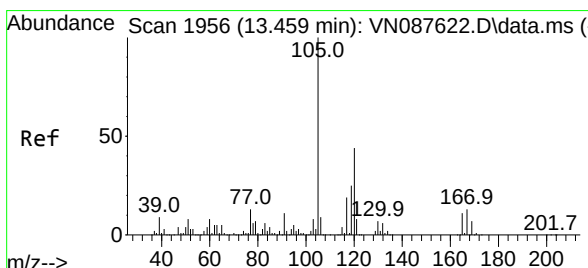
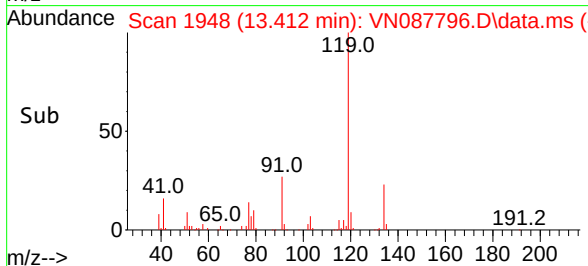
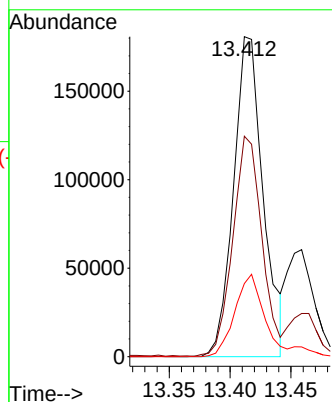
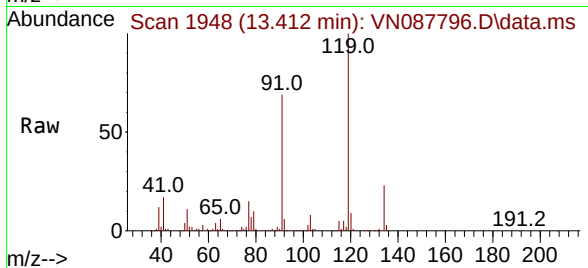
Tgt Ion:119 Resp: 306158

Ion Ratio Lower Upper

119 100

91 67.2 35.0 105.0

134 25.3 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 21.261 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087796.D

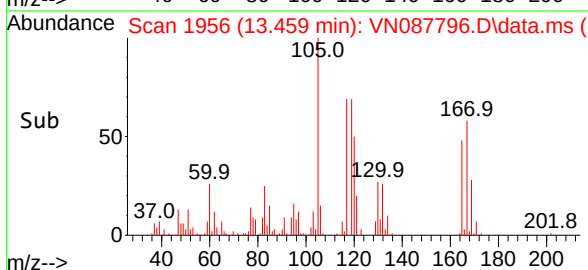
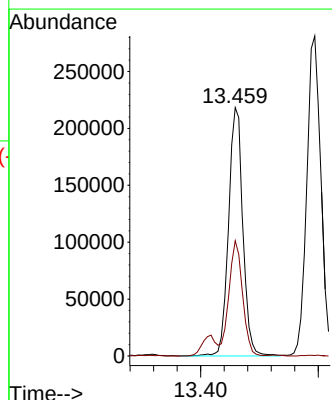
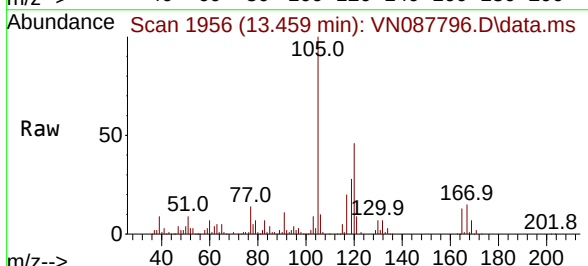
Acq: 11 Sep 2025 14:42

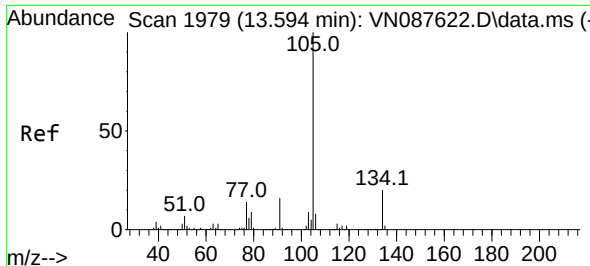
Tgt Ion:105 Resp: 368292

Ion Ratio Lower Upper

105 100

120 44.1 22.0 66.0

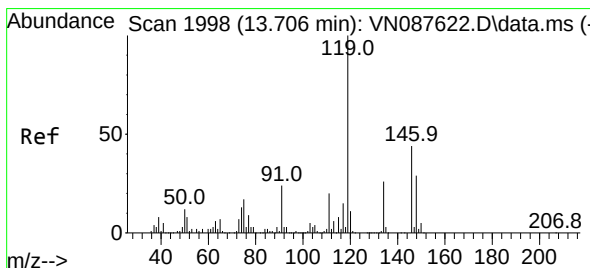
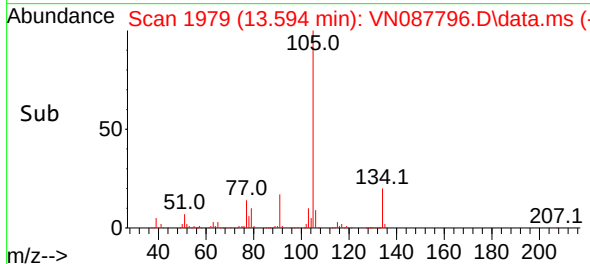
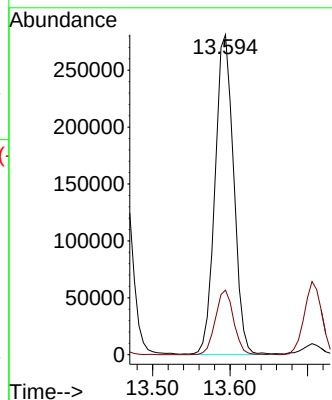
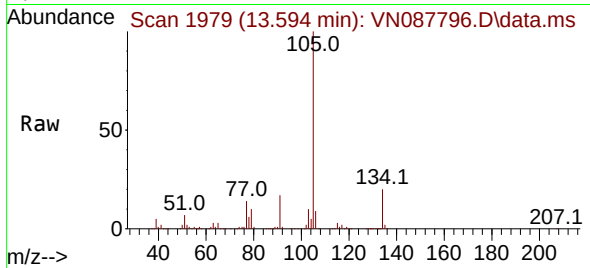




#85
 sec-Butylbenzene
 Concen: 21.870 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

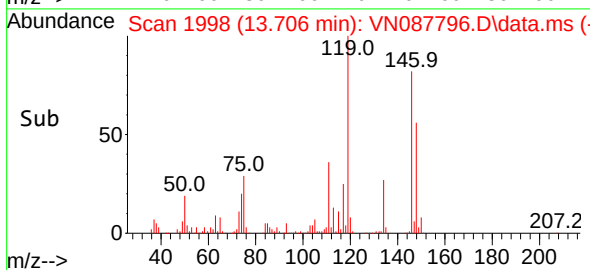
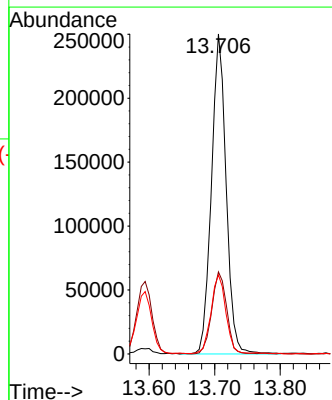
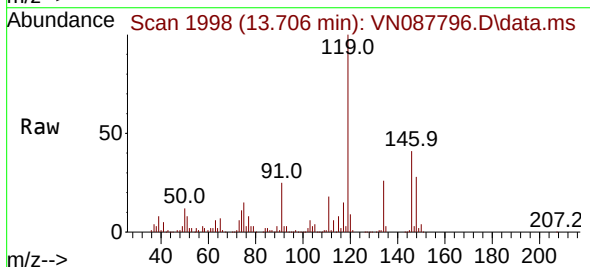
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBSD01

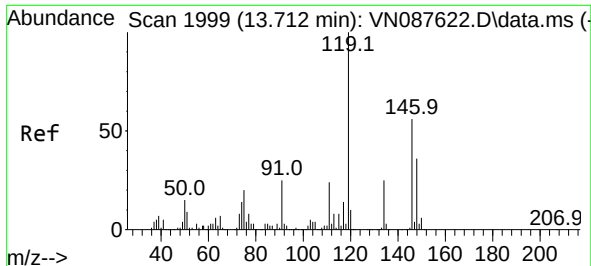
Tgt Ion:105 Resp: 468005
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 22.071 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087796.D
 Acq: 11 Sep 2025 14:42

Tgt Ion:119 Resp: 389998
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.0
 91 24.5 12.5 37.5

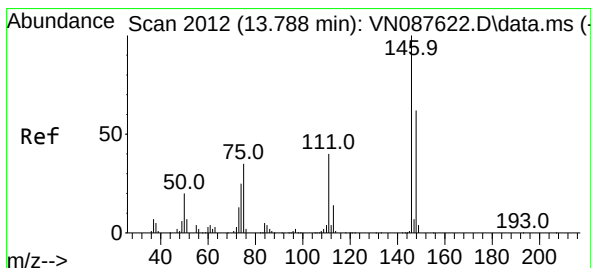
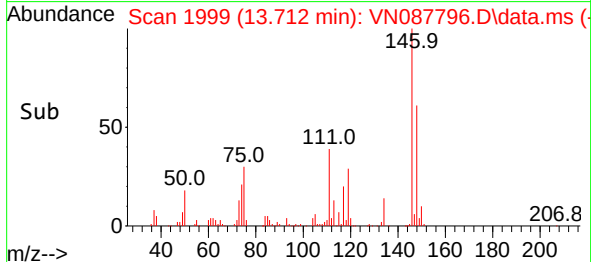
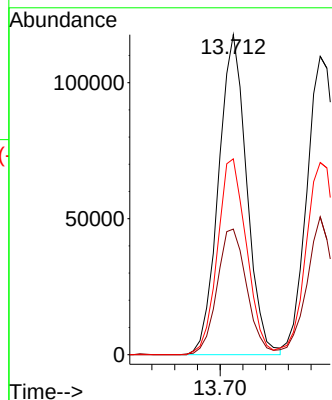
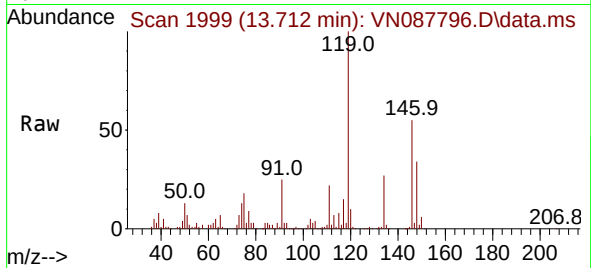




#87
1,3-Dichlorobenzene
Concen: 21.379 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

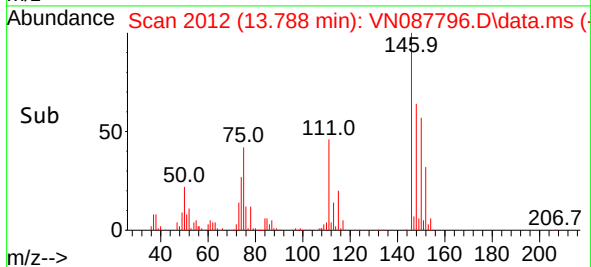
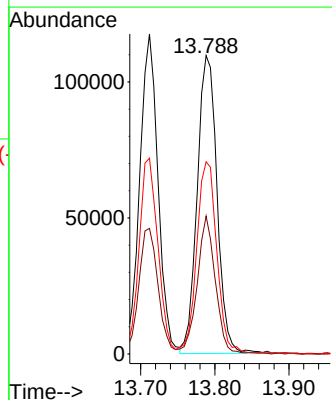
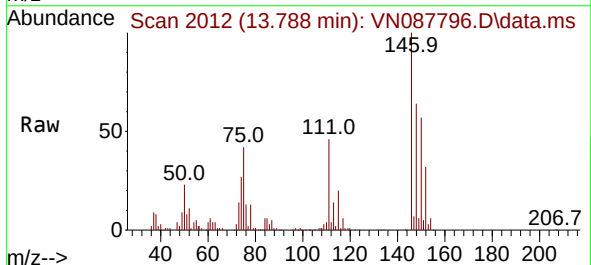
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

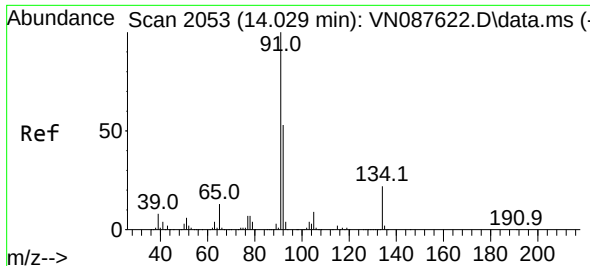
Tgt Ion:146 Resp: 202490
Ion Ratio Lower Upper
146 100
111 41.3 22.1 66.5
148 63.0 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 20.670 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion:146 Resp: 203735
Ion Ratio Lower Upper
146 100
111 41.4 21.0 63.0
148 64.6 32.0 96.0

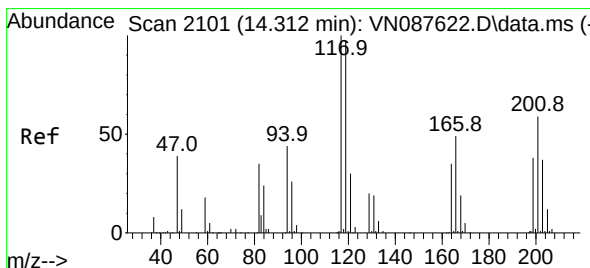
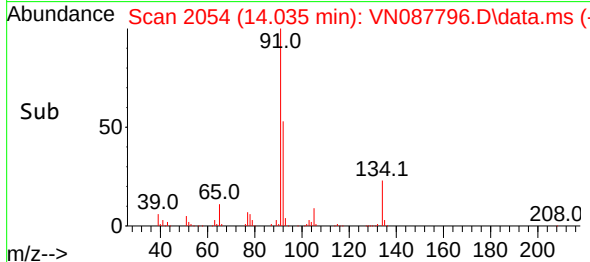
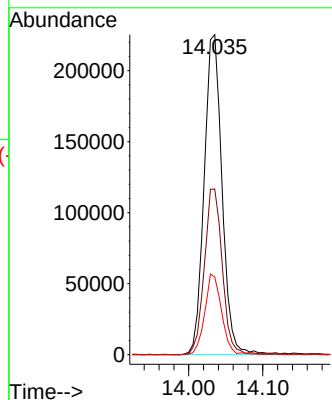
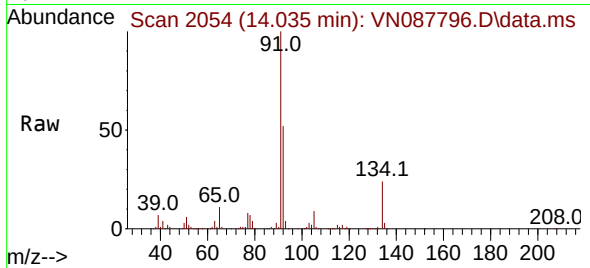




#89
n-Butylbenzene
Concen: 21.560 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

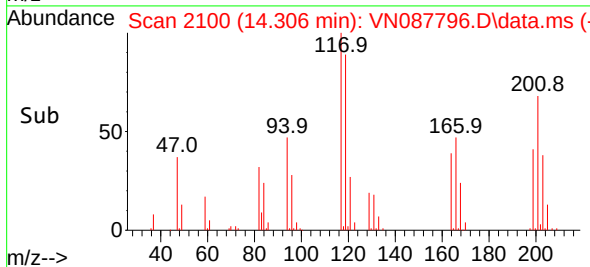
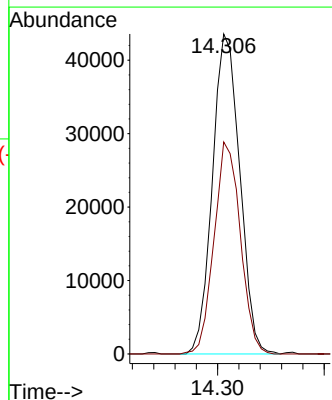
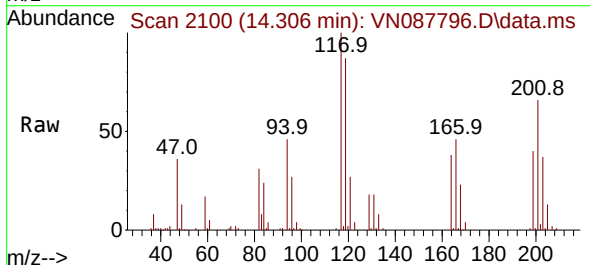
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

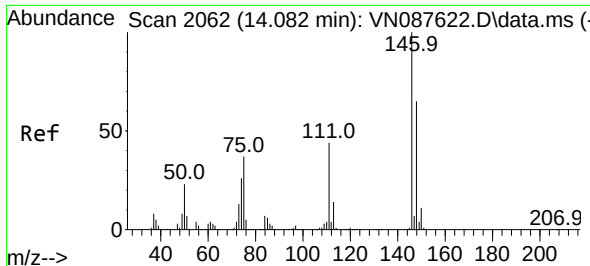
Tgt Ion: 91 Resp: 378369
Ion Ratio Lower Upper
91 100
92 52.3 25.9 77.8
134 23.8 11.7 35.0



#90
Hexachloroethane
Concen: 23.080 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 117 Resp: 77697
Ion Ratio Lower Upper
117 100
201 63.5 29.1 87.4

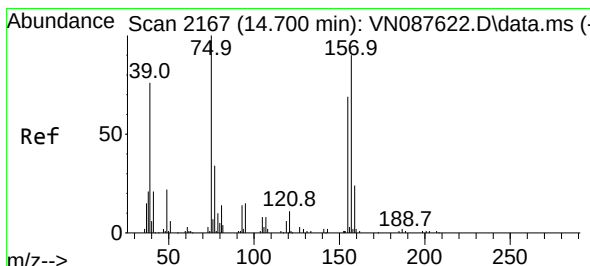
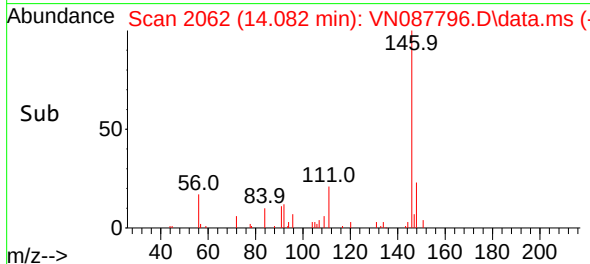
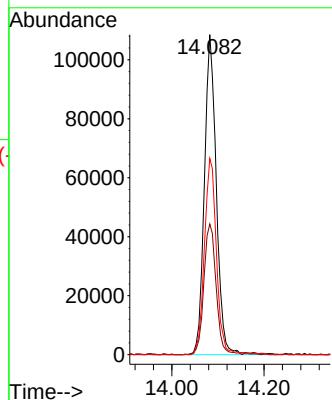
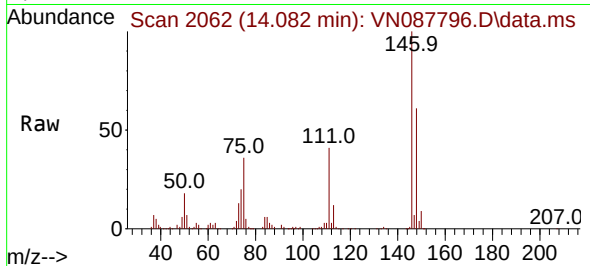




#91
1,2-Dichlorobenzene
Concen: 21.875 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

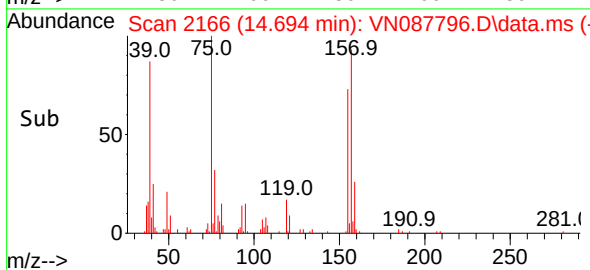
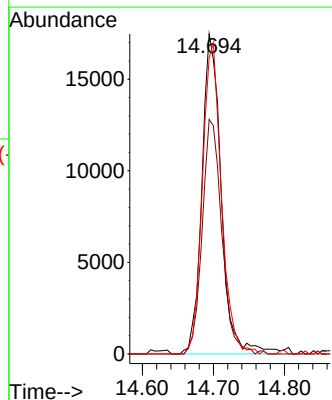
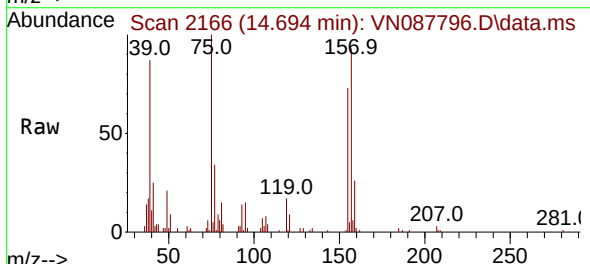
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

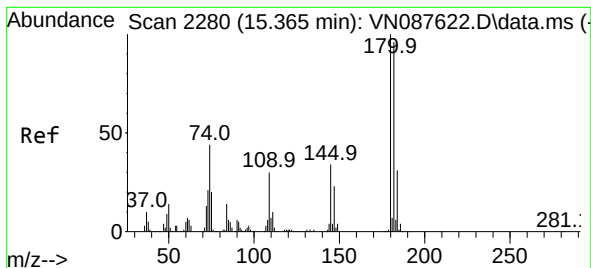
Tgt Ion:146 Resp: 196560
Ion Ratio Lower Upper
146 100
111 41.9 22.6 67.8
148 61.8 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.758 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion: 75 Resp: 32962
Ion Ratio Lower Upper
75 100
155 74.5 36.6 109.9
157 95.9 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.730 ug/l

RT: 15.365 min Scan# 2118

Delta R.T. 0.000 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBSD01

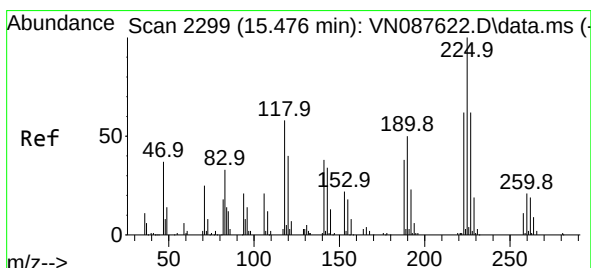
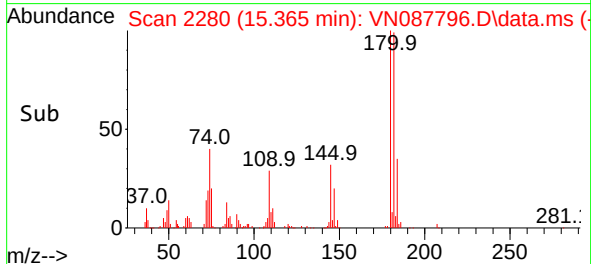
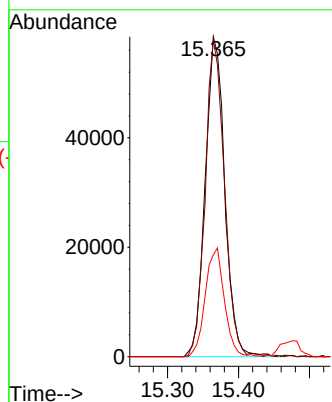
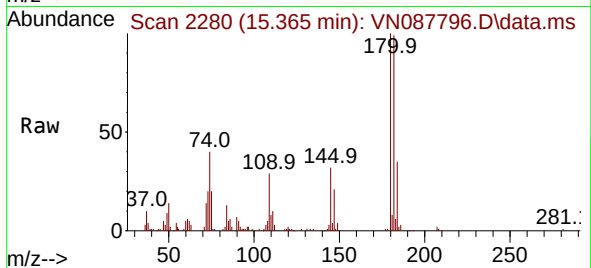
Tgt Ion:180 Resp: 111854

Ion Ratio Lower Upper

180 100

182 97.7 47.6 142.9

145 33.3 16.5 49.5



#94

Hexachlorobutadiene

Concen: 24.937 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087796.D

Acq: 11 Sep 2025 14:42

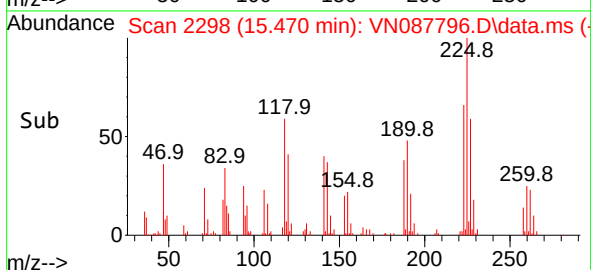
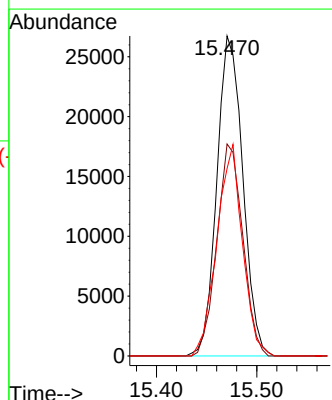
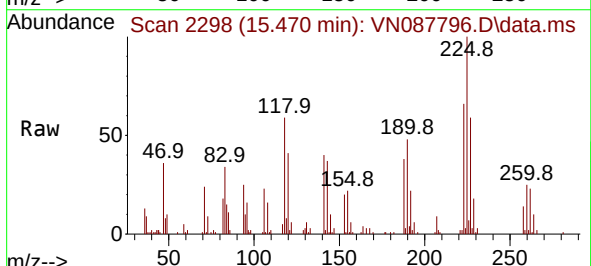
Tgt Ion:225 Resp: 47970

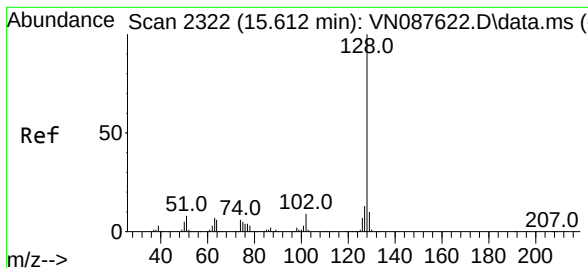
Ion Ratio Lower Upper

225 100

223 66.3 32.0 96.2

227 65.1 32.1 96.5

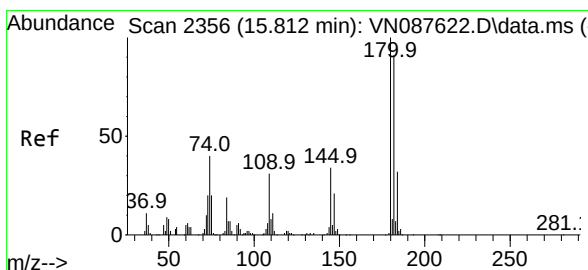
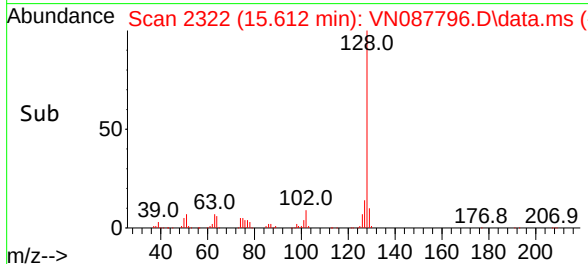
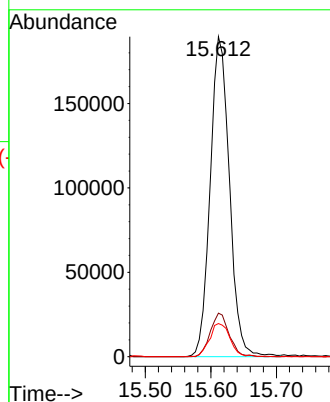
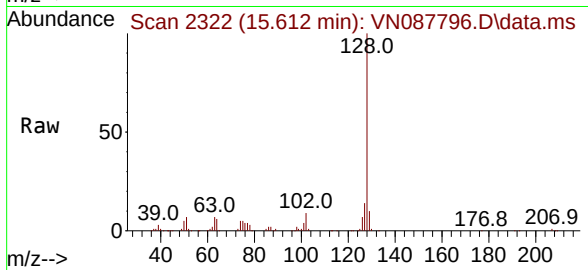




#95
Naphthalene
Concen: 20.213 ug/l
RT: 15.612 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

Tgt Ion:128 Resp: 386312
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.607 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087796.D
Acq: 11 Sep 2025 14:42

Tgt Ion:180 Resp: 113978
Ion Ratio Lower Upper
180 100
182 91.1 46.8 140.3
145 33.8 17.3 52.0

