

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
 Data File : VN087307.D
 Acq On : 09 Jul 2025 11:46
 Operator : JC\MD
 Sample : VN0709WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Quant Time: Jul 10 01:23:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	42206	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	198713	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	190461	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	86598	27.232	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	90.767%#
60) 4-Bromofluorobenzene	12.847	95	89155	30.335	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.100%
63) Toluene-d8	10.565	98	244677	28.612	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.367%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	35585	14.006	ug/l	98
3) Chloromethane	2.401	50	32916	12.685	ug/l	97
4) Vinyl Chloride	2.553	62	36683	13.007	ug/l	98
5) Bromomethane	3.000	94	36242	24.214	ug/l	98
6) Chloroethane	3.159	64	32037	21.176	ug/l	90
7) Trichlorofluoromethane	3.524	101	61187	17.687	ug/l	94
8) Diethyl Ether	3.977	74	12209	7.183	ug/l	24
9) 1,1,2-Trichlorotrifluo...	4.400	101	37010	14.430	ug/l #	81
10) 1,1-Dichloroethene	4.371	96	34796	13.610	ug/l	96
11) Methyl Iodide	4.618	142	44650	19.494	ug/l	86
12) Methyl Acetate	5.053	43	55991	13.962	ug/l	97
13) Acrolein	4.200	56	49683	80.625	ug/l	99
14) Acrylonitrile	5.741	53	131485	70.291	ug/l	99
15) Acetone	4.453	58	40487	74.200	ug/l	95
16) Carbon Disulfide	4.736	76	93432	12.499	ug/l	100
17) Allyl chloride	5.053	41	45517	10.794	ug/l	95
18) Methylene Chloride	5.300	84	48227	16.283	ug/l	91
19) trans-1,2-Dichloroethene	5.812	96	40794	14.590	ug/l #	83
20) Diisopropyl ether	6.683	45	116926	13.069	ug/l	97
21) 1,1-Dichloroethane	6.588	63	75979	14.209	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	52879	16.250	ug/l	88
23) tert-Butyl Alcohol	5.530	59	54303	77.192	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	143324	15.984	ug/l	98
25) Chloroform	7.971	83	86359	16.858	ug/l	99
26) Cyclohexane	8.265	56	50337	11.325	ug/l #	83
29) 1,1-Dichloropropene	8.377	75	50616	16.342	ug/l	97
30) 2-Butanone	7.494	43	173974	83.271	ug/l #	92
31) 2,2-Dichloropropane	7.500	77	66949	17.907	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	72767	20.110	ug/l	96
33) Carbon Tetrachloride	8.371	117	62546	20.540	ug/l	96
34) Benzene	8.612	78	169084	17.232	ug/l	98
35) Methacrylonitrile	7.783	41	35419	16.822	ug/l	82
36) 1,2-Dichloroethane	8.677	62	64907	20.474	ug/l	96
37) Trichloroethene	9.353	130	43654	19.288	ug/l	94
38) Methylcyclohexane	9.606	83	53933	15.176	ug/l	92
39) 1,2-Dichloropropane	9.624	63	42412	17.221	ug/l	96
40) Dibromomethane	9.712	93	36027	21.514	ug/l	96
41) Bromodichloromethane	9.888	83	69822	20.656	ug/l #	98
42) Vinyl Acetate	6.618	43	529576	77.932	ug/l #	92

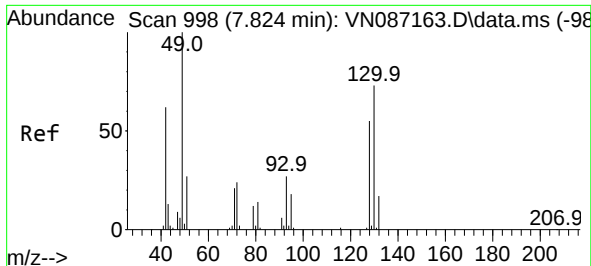
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	70329	18.647	ug/l #	93
44) Isopropyl Acetate	8.694	43	102240	16.638	ug/l	96
45) 1,4-Dioxane	9.700	88	16847	405.289	ug/l #	68
46) Methyl methacrylate	9.682	41	44834	15.695	ug/l	87
47) n-amyl Acetate	12.547	43	13162	3.503	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	70502	18.710	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	72439	18.083	ug/l	99
50) 1,1,2-Trichloroethane	11.018	97	48134	20.234	ug/l	95
51) Ethyl methacrylate	10.882	69	59653	16.476	ug/l	88
52) 1,3-Dichloropropane	11.159	76	75171	18.406	ug/l	97
53) Dibromochloromethane	11.359	129	58898	23.587	ug/l	95
54) 1,2-Dibromoethane	11.471	107	53103	21.637	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	150764	72.645	ug/l	95
56) Bromoform	12.576	173	39096	22.775	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	310568	81.110	ug/l	96
59) 2-Hexanone	11.212	43	185509	75.030	ug/l	98
61) Tetrachloroethene	11.100	164	37038	19.637	ug/l	92
62) Toluene	10.629	91	188704	17.543	ug/l	99
64) Chlorobenzene	11.888	112	133044	19.389	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	49898	22.009	ug/l	97
66) Ethyl Benzene	11.965	91	198442	16.854	ug/l	99
67) m/p-Xylenes	12.070	106	162011	35.908	ug/l	96
68) o-Xylene	12.400	106	77207	17.936	ug/l	95
69) Styrene	12.412	104	130571	17.669	ug/l	99
70) Isopropylbenzene	12.694	105	193899	18.087	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	76238	19.757	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	96910	29.123	ug/l	50
73) Bromobenzene	12.976	156	54969	21.138	ug/l	83
74) n-propylbenzene	13.035	91	233461	17.826	ug/l	95
75) 2-Chlorotoluene	13.123	91	144842	18.306	ug/l	95
76) 1,3,5-Trimethylbenzene	13.170	105	164627	18.863	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	25169	17.052	ug/l	95
78) 4-Chlorotoluene	13.217	91	148119	18.278	ug/l	93
79) tert-butylbenzene	13.435	119	142409	19.412	ug/l	97
80) 1,2,4-Trimethylbenzene	13.476	105	165733	18.911	ug/l	97
81) sec-Butylbenzene	13.612	105	198246	18.590	ug/l	96
82) p-Isopropyltoluene	13.729	119	173819	19.586	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	105439	21.055	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	104535	20.741	ug/l	98
85) n-Butylbenzene	14.053	91	145775	18.003	ug/l	96
86) Hexachloroethane	14.329	117	34727	20.672	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	100145	21.209	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	17792	20.477	ug/l #	84
89) 1,2,4-Trichlorobenzene	15.835	180	54005	20.216	ug/l	98
90) Hexachlorobutadiene	15.494	225	16583	20.919	ug/l	99
91) Naphthalene	15.635	128	200537	19.074	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	54005	20.216	ug/l	98

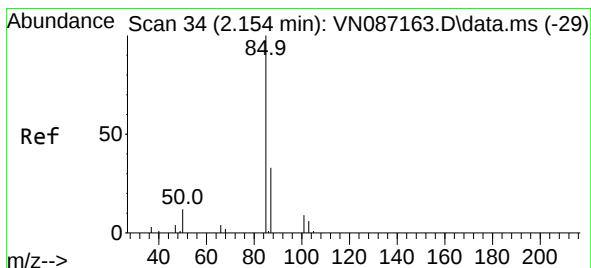
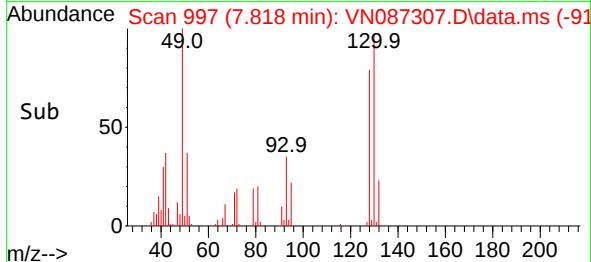
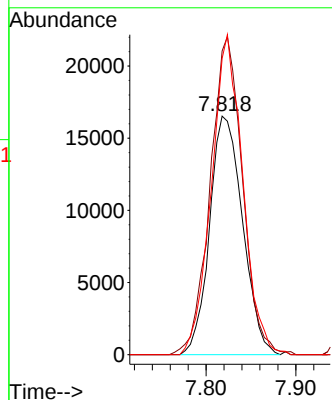
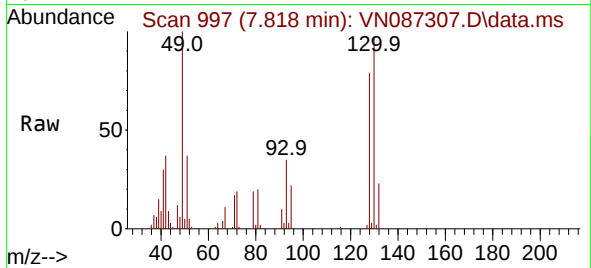
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

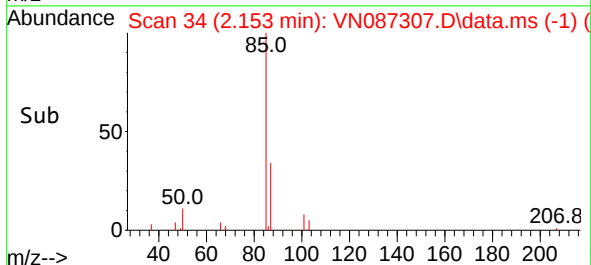
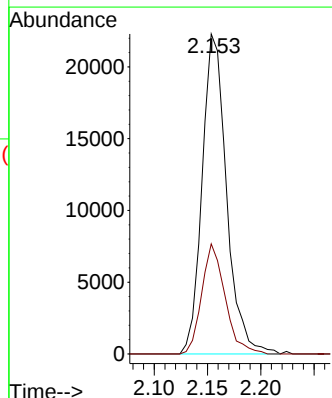
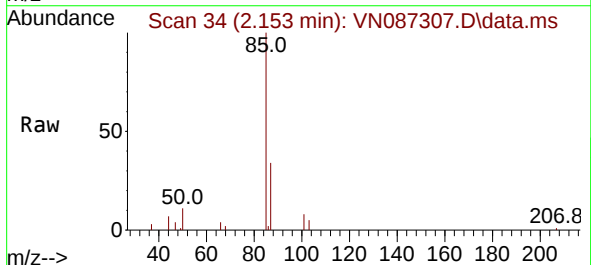
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

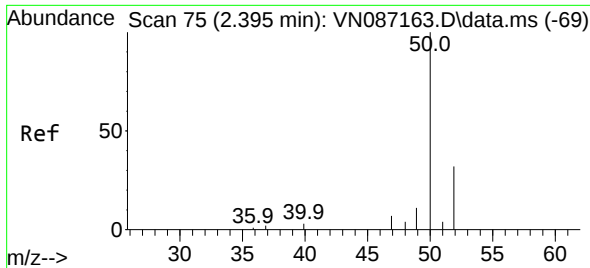
Tgt Ion:128 Resp: 42206
Ion Ratio Lower Upper
128 100
49 130.3 0.0 450.5
130 127.3 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 14.006 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 85 Resp: 35585
Ion Ratio Lower Upper
85 100
87 34.4 16.7 50.0

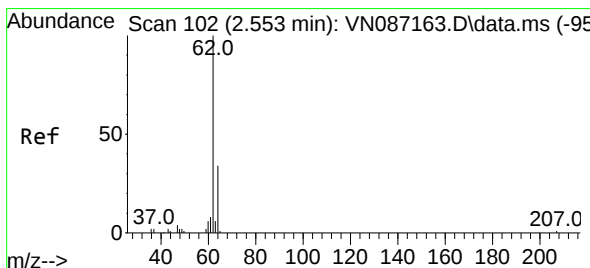
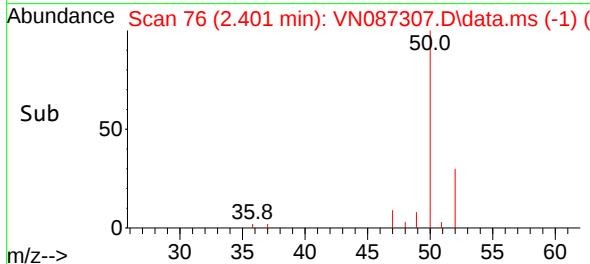
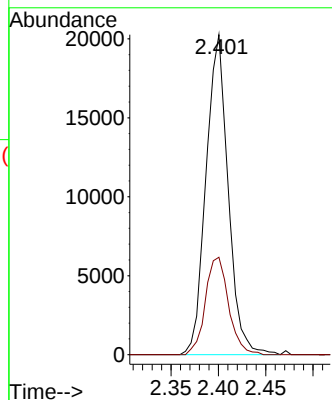
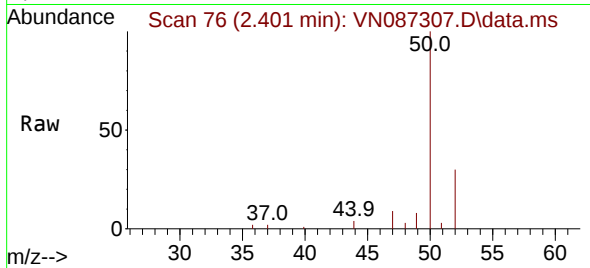




#3
Chloromethane
Concen: 12.685 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

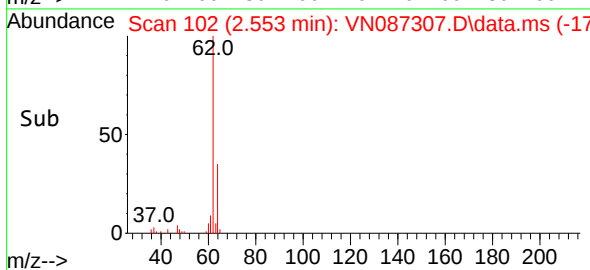
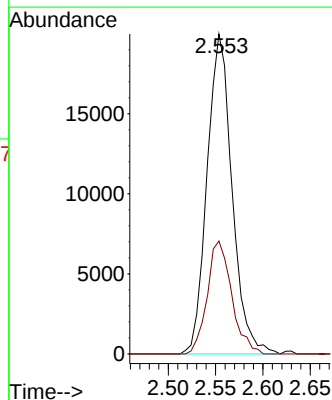
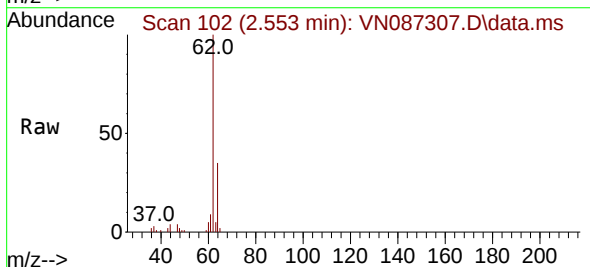
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

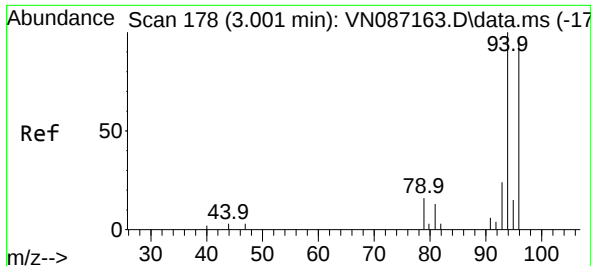
Tgt Ion: 50 Resp: 32916
Ion Ratio Lower Upper
50 100
52 30.5 25.9 38.9



#4
Vinyl Chloride
Concen: 13.007 ug/l
RT: 2.553 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 62 Resp: 36683
Ion Ratio Lower Upper
62 100
64 35.3 27.4 41.2

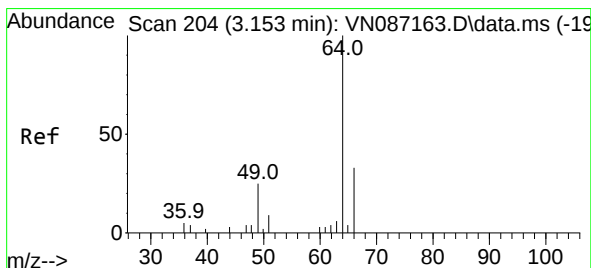
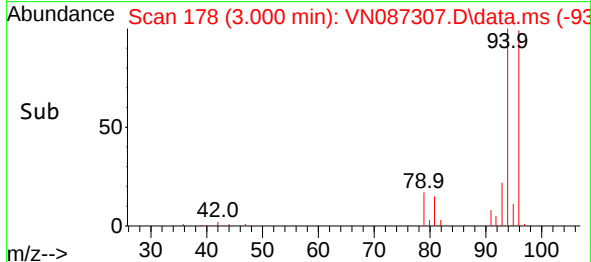
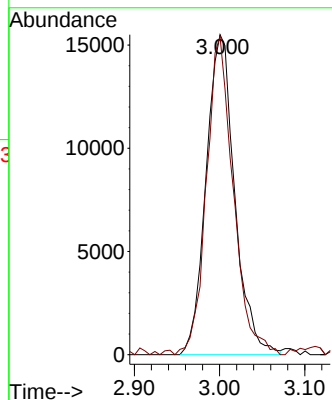
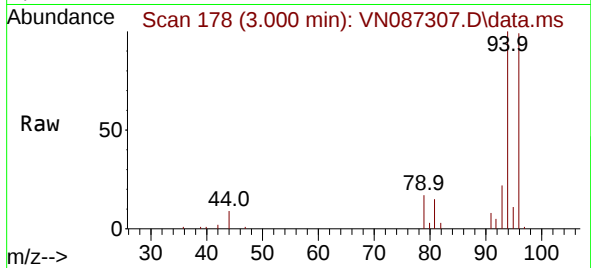




#5
Bromomethane
Concen: 24.214 ug/l
RT: 3.000 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

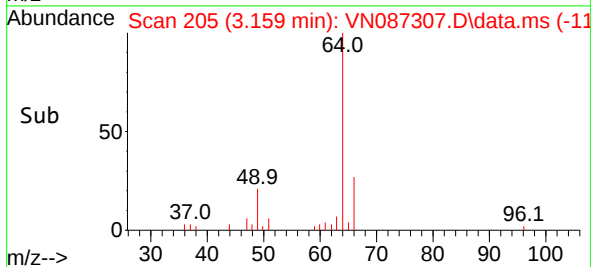
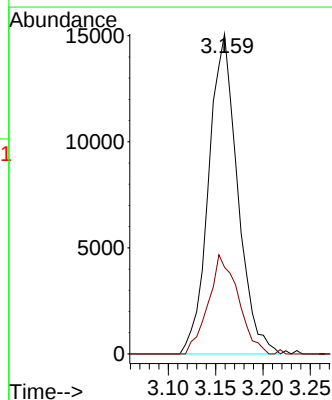
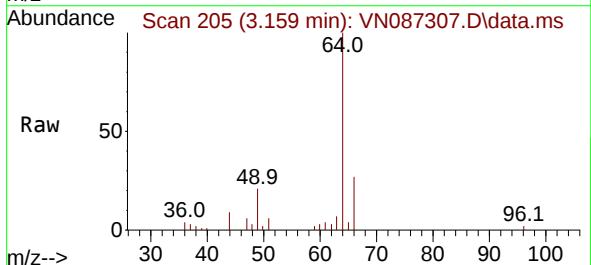
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ClientSampleId :
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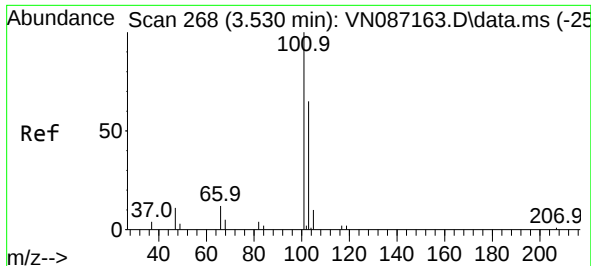
Tgt Ion: 94 Resp: 36242
Ion Ratio Lower Upper
94 100
96 99.5 77.9 116.9



#6
Chloroethane
Concen: 21.176 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 64 Resp: 32037
Ion Ratio Lower Upper
64 100
66 27.1 26.4 39.6

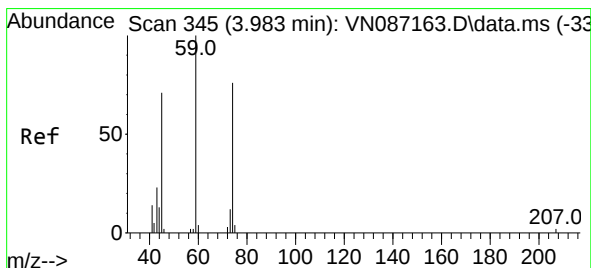
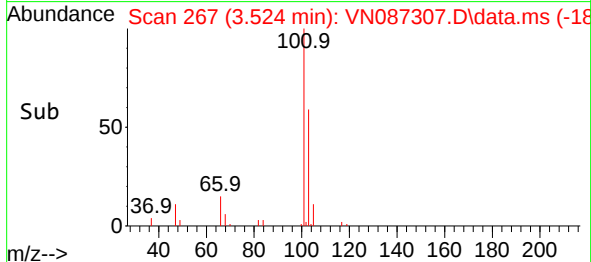
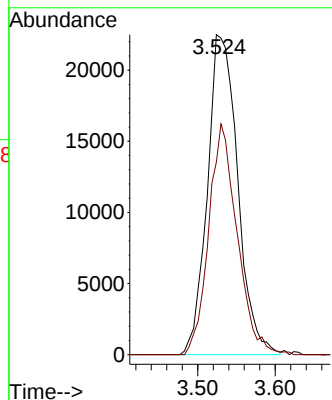
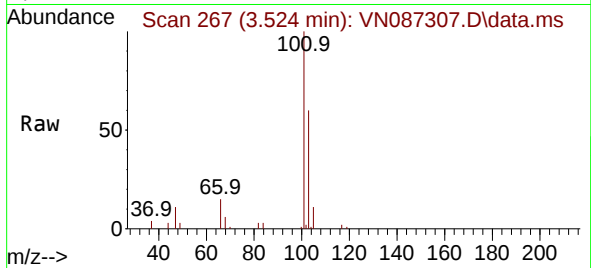




#7
 Trichlorofluoromethane
 Concen: 17.687 ug/l
 RT: 3.524 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

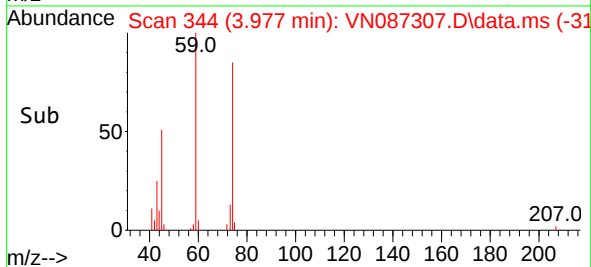
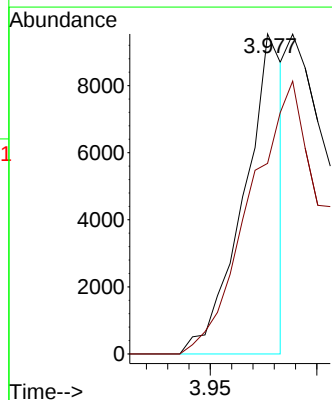
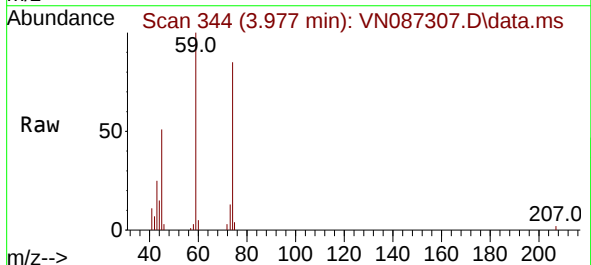
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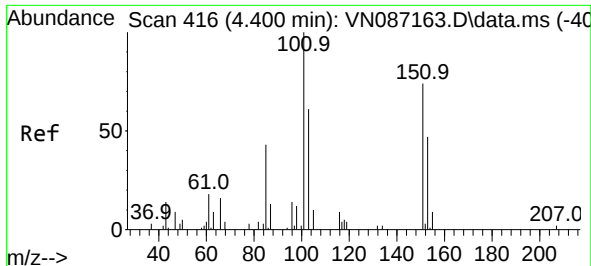
Tgt Ion:101 Resp: 61187
 Ion Ratio Lower Upper
 101 100
 103 60.2 51.8 77.8



#8
 Diethyl Ether
 Concen: 7.183 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. -0.006 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

Tgt Ion: 74 Resp: 12209
 Ion Ratio Lower Upper
 74 100
 45 168.5 19.0 171.0

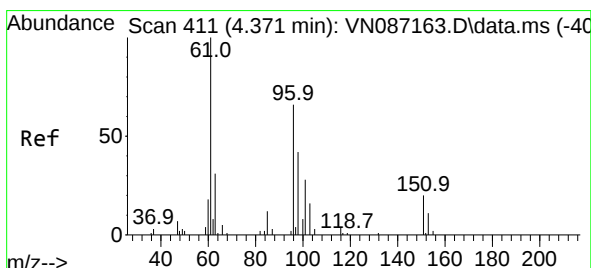
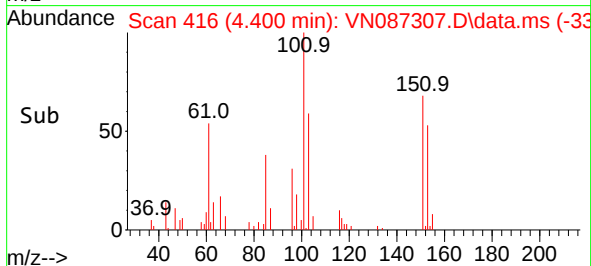
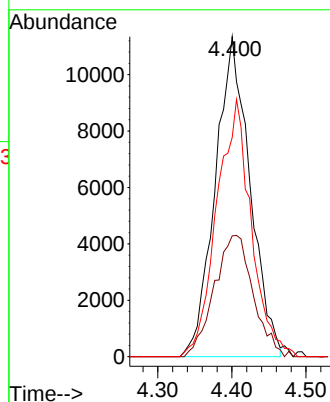
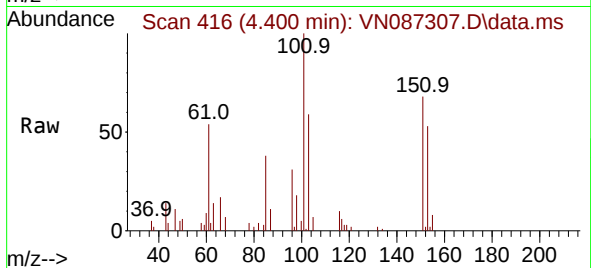




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.430 ug/l
RT: 4.400 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

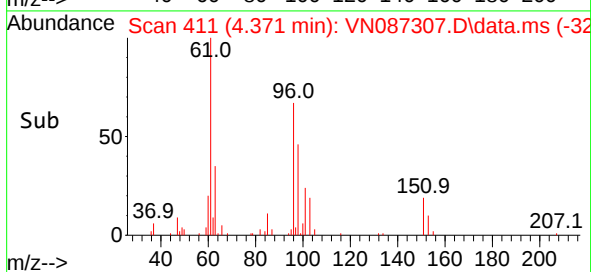
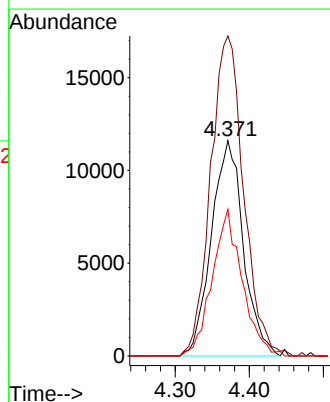
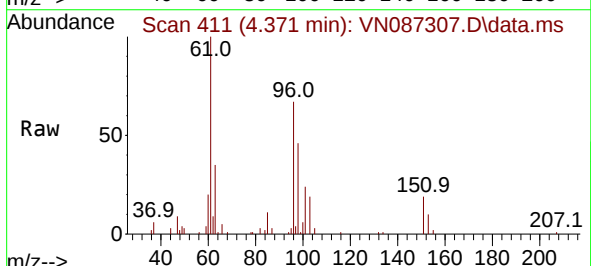
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

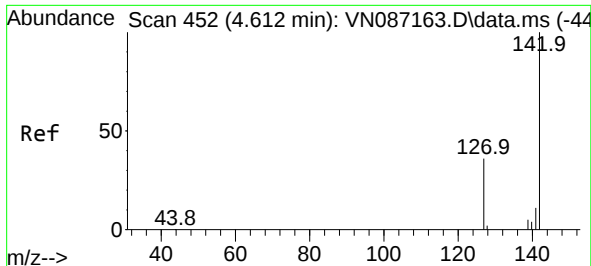
Tgt Ion:101 Resp: 37010
Ion Ratio Lower Upper
101 100
85 42.2 0.0 40.6#
151 79.5 0.0 141.2



#10
1,1-Dichloroethene
Concen: 13.610 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 96 Resp: 34796
Ion Ratio Lower Upper
96 100
61 148.6 122.0 183.0
98 68.1 50.3 75.5

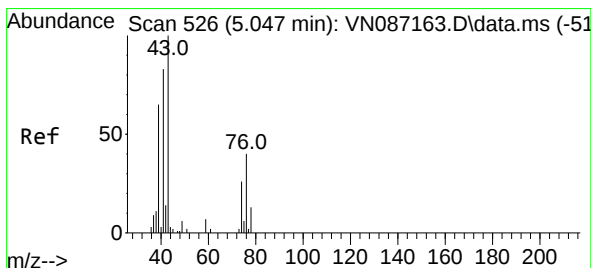
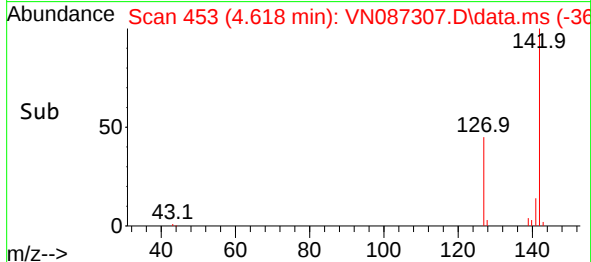
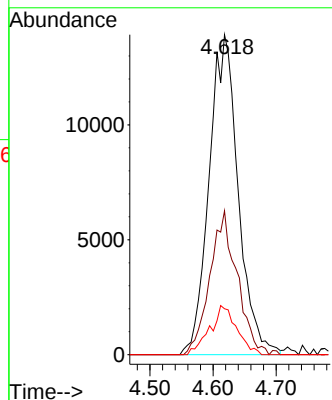
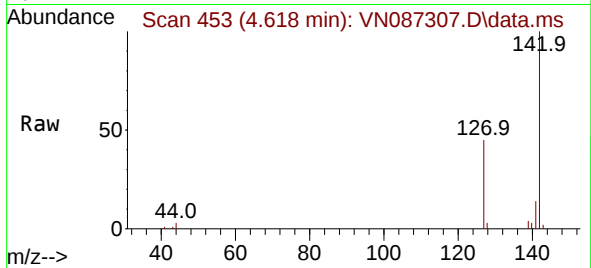




#11
Methyl Iodide
Concen: 19.494 ug/l
RT: 4.618 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

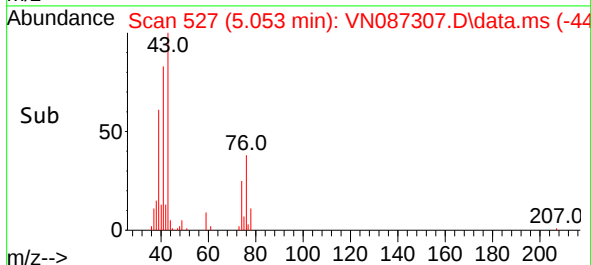
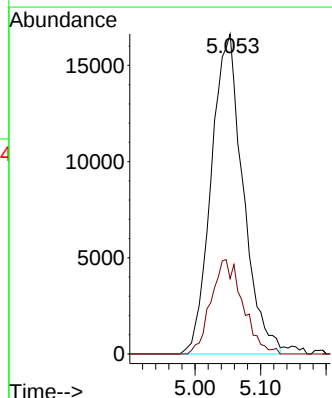
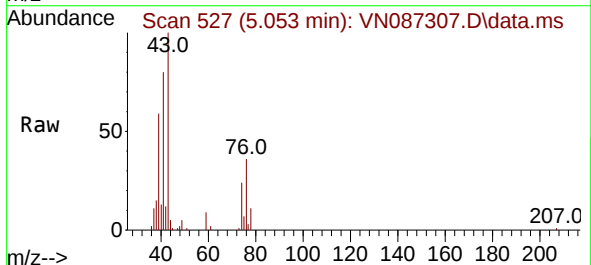
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

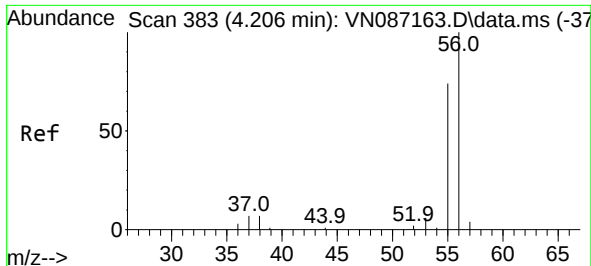
Tgt Ion:142 Resp: 44650
Ion Ratio Lower Upper
142 100
127 45.2 18.1 54.1
141 14.4 5.7 17.1



#12
Methyl Acetate
Concen: 13.962 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 43 Resp: 55991
Ion Ratio Lower Upper
43 100
74 23.8 20.3 30.5

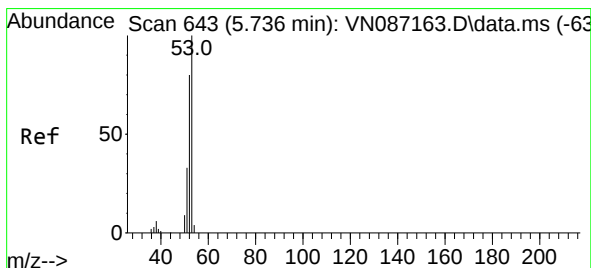
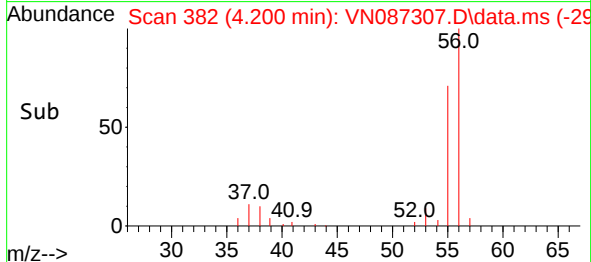
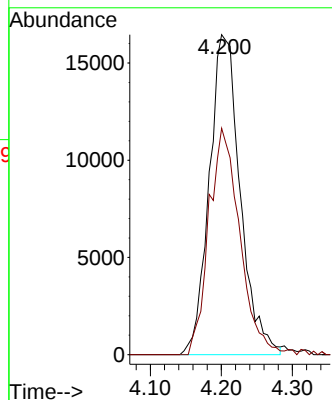
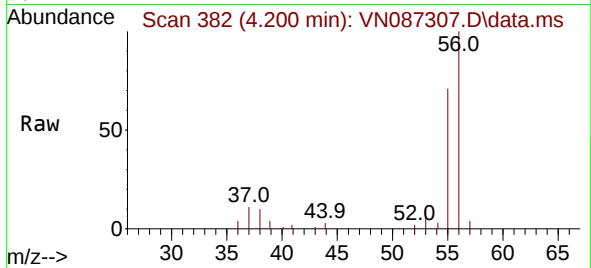




#13
Acrolein
Concen: 80.625 ug/l
RT: 4.200 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

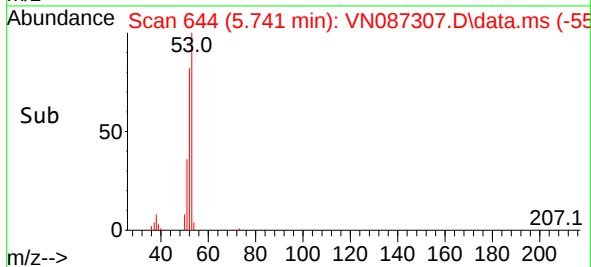
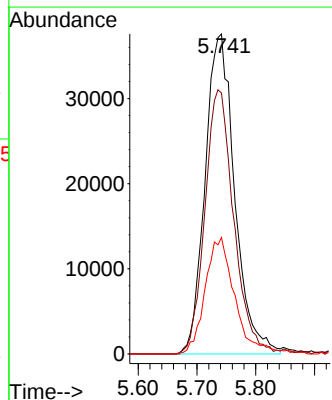
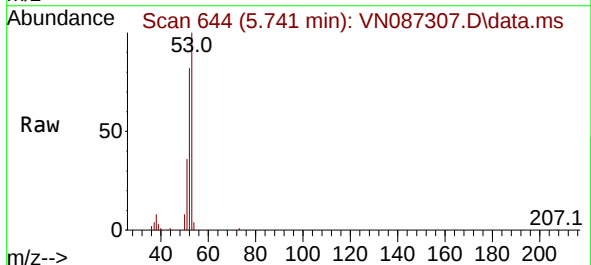
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

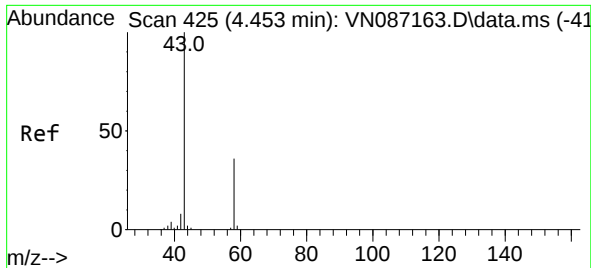
Tgt Ion: 56 Resp: 49683
Ion Ratio Lower Upper
56 100
55 70.6 55.7 83.5



#14
Acrylonitrile
Concen: 70.291 ug/l
RT: 5.741 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 53 Resp: 131485
Ion Ratio Lower Upper
53 100
52 80.2 40.5 121.5
51 35.3 16.9 50.7





#15

Acetone

Concen: 74.200 ug/l

RT: 4.453 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

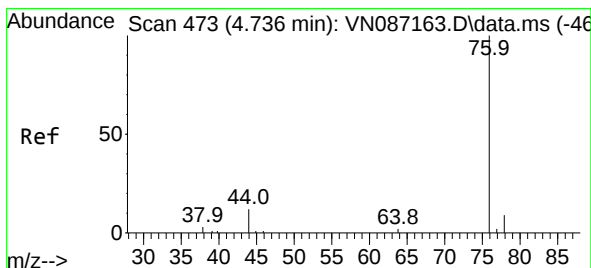
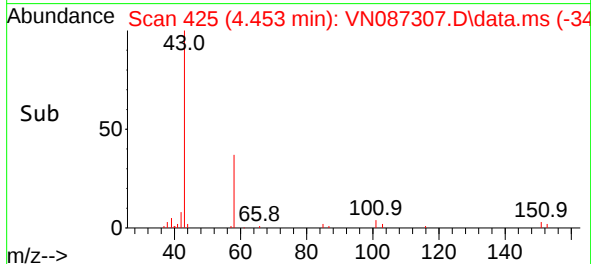
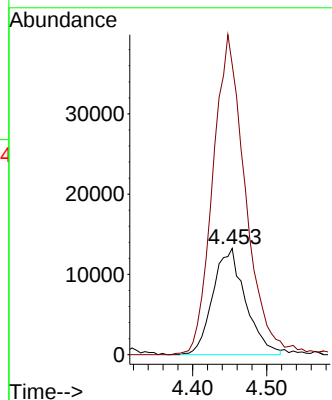
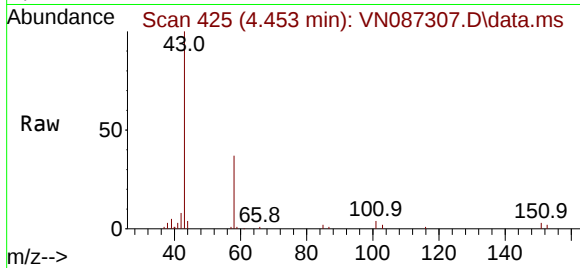
VN0709WBS01

Tgt Ion: 58 Resp: 40487

Ion Ratio Lower Upper

58 100

43 271.7 224.3 336.5



#16

Carbon Disulfide

Concen: 12.499 ug/l

RT: 4.736 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN087307.D

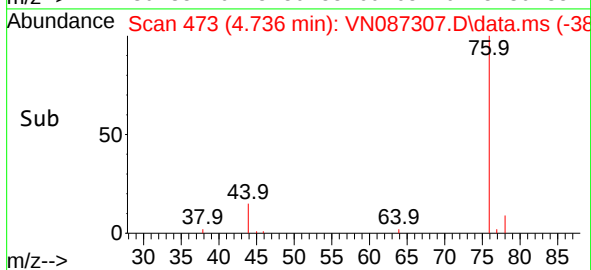
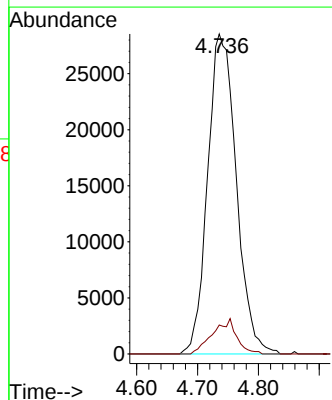
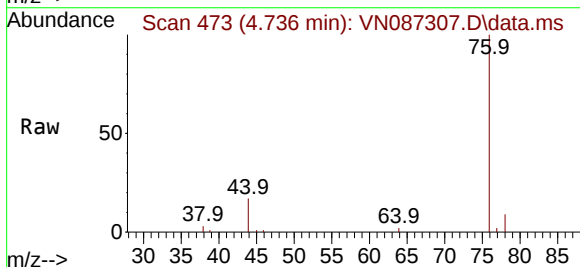
Acq: 09 Jul 2025 11:46

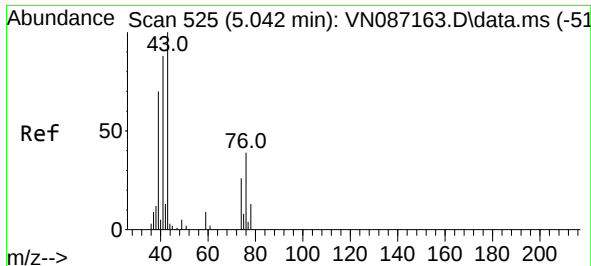
Tgt Ion: 76 Resp: 93432

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

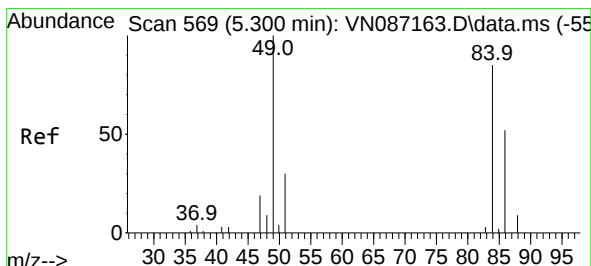
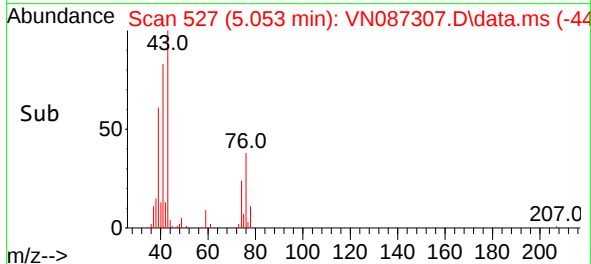
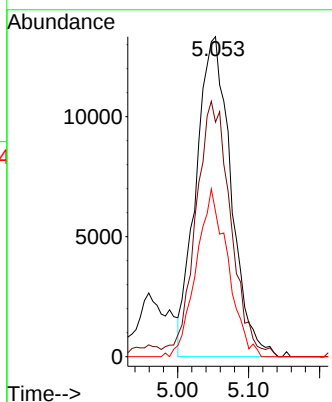
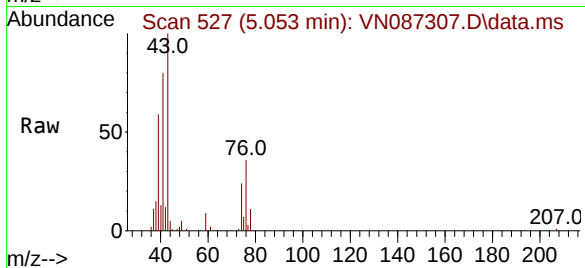




#17
 Allyl chloride
 Concen: 10.794 ug/l
 RT: 5.053 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

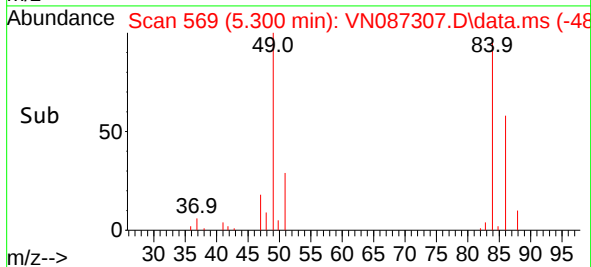
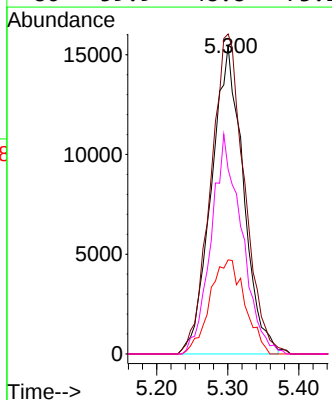
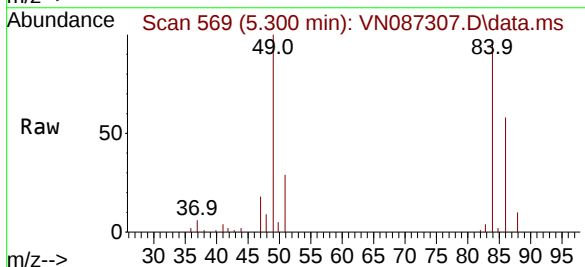
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

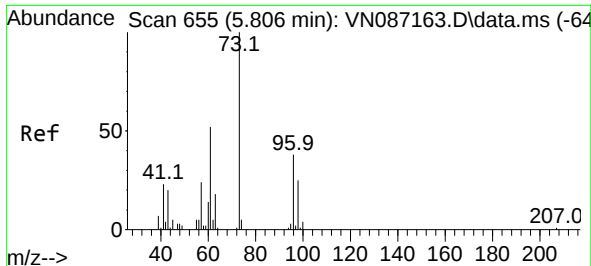
Tgt Ion:	41	Resp:	45517
Ion	Ratio	Lower	Upper
41	100		
39	73.3	36.0	108.0
76	45.4	19.5	58.5



#18
 Methylene Chloride
 Concen: 16.283 ug/l
 RT: 5.300 min Scan# 569
 Delta R.T. -0.000 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

Tgt Ion:	84	Resp:	48227
Ion	Ratio	Lower	Upper
84	100		
49	103.8	94.0	141.0
51	30.5	28.3	42.5
86	59.9	48.8	73.2

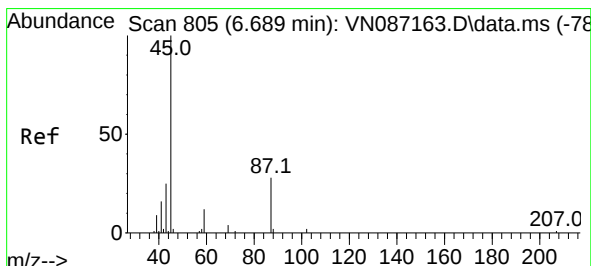
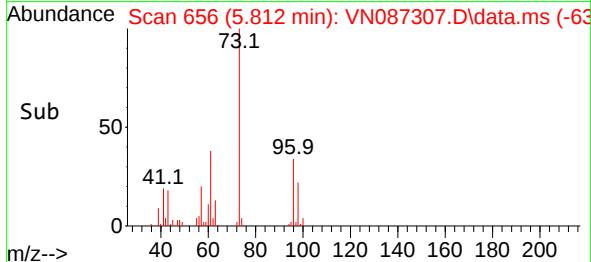
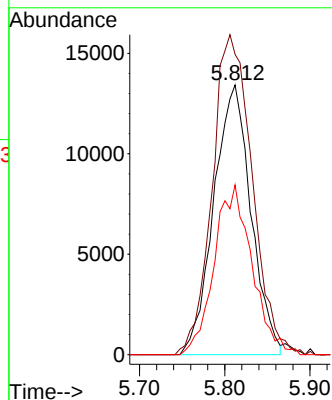
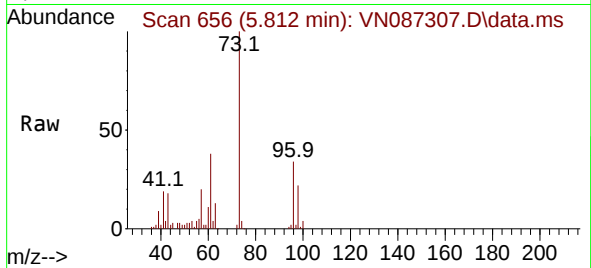




#19
trans-1,2-Dichloroethene
Concen: 14.590 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

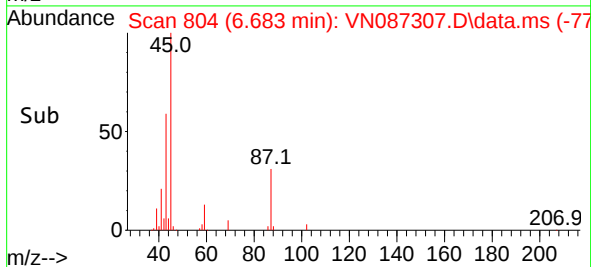
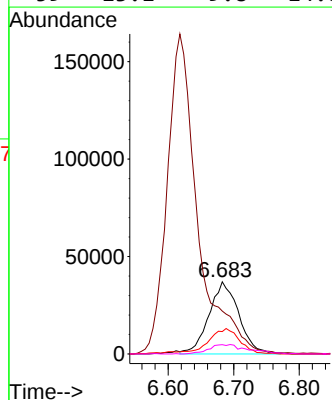
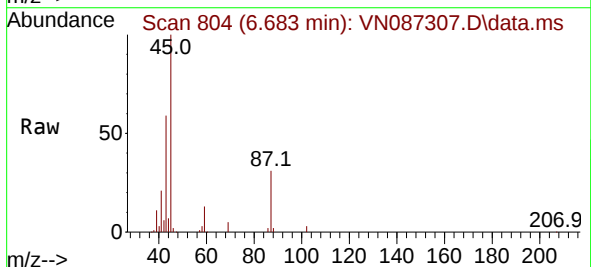
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

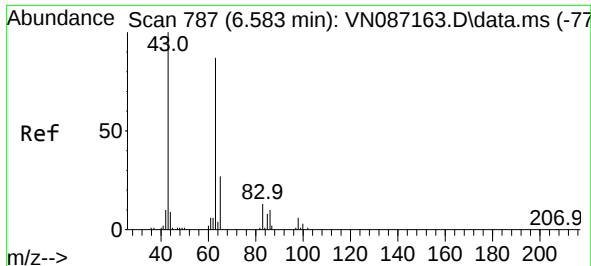
Tgt Ion: 96 Resp: 40794
Ion Ratio Lower Upper
96 100
61 109.2 110.3 165.5#
98 62.9 51.6 77.4



#20
Diisopropyl ether
Concen: 13.069 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 45 Resp: 116926
Ion Ratio Lower Upper
45 100
43 58.1 45.3 67.9
87 31.1 22.6 33.8
59 13.1 9.8 14.8





#21

1,1-Dichloroethane

Concen: 14.209 ug/l

RT: 6.588 min Scan# 787

Delta R.T. 0.006 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

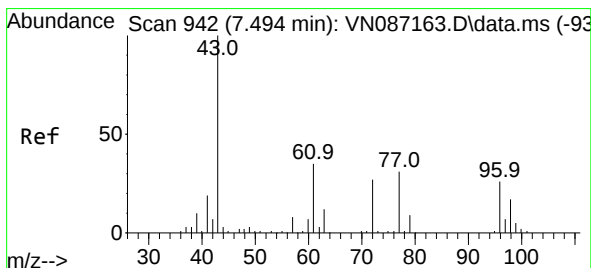
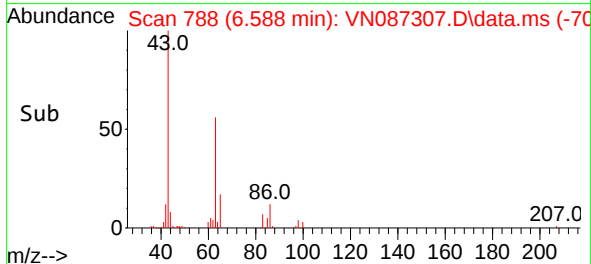
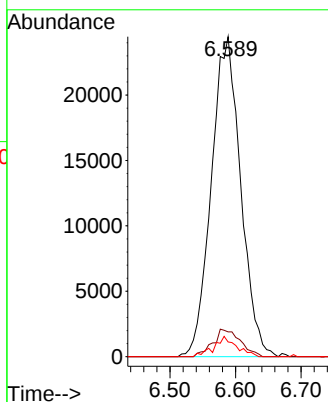
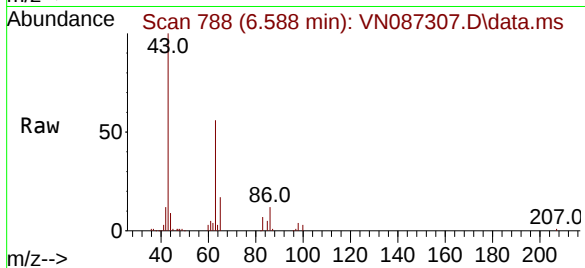
Tgt Ion: 63 Resp: 75979

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.6 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 16.250 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

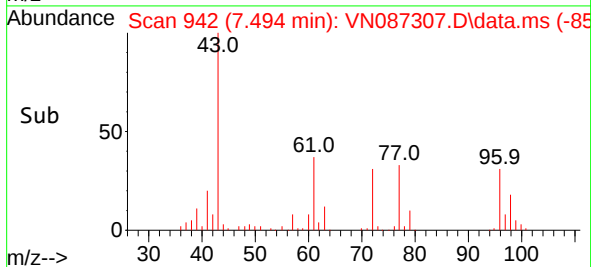
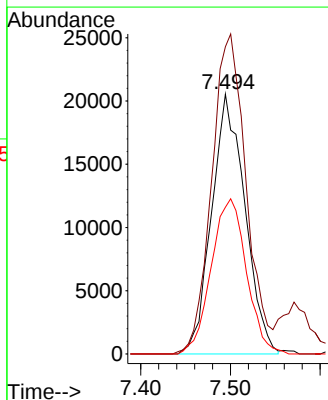
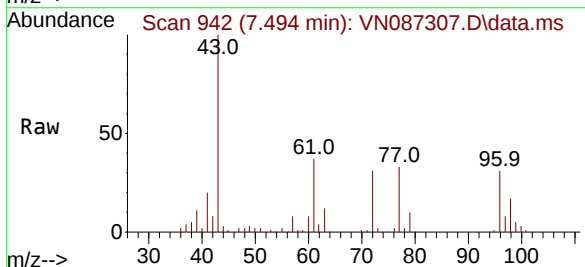
Tgt Ion: 96 Resp: 52879

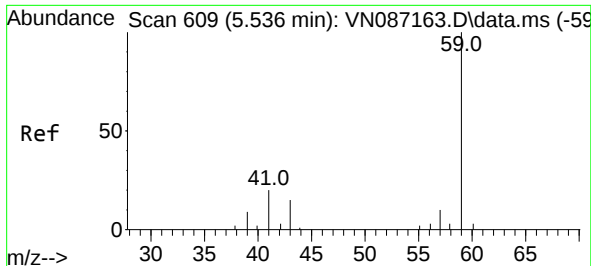
Ion Ratio Lower Upper

96 100

61 127.6 119.2 178.8

98 63.3 50.6 75.8

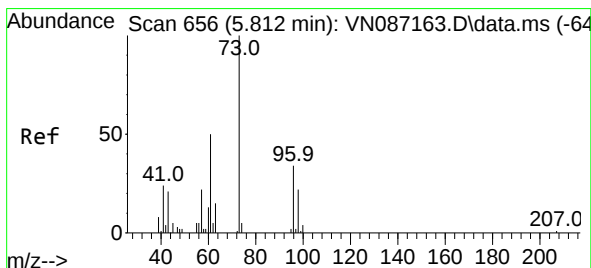
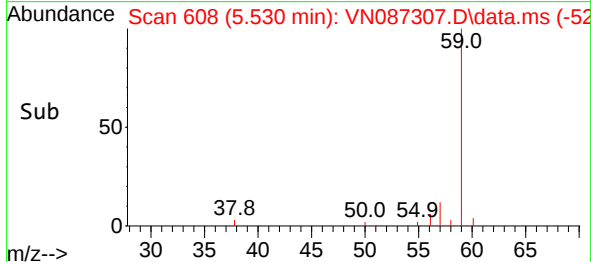
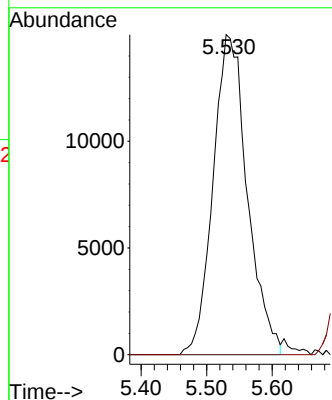
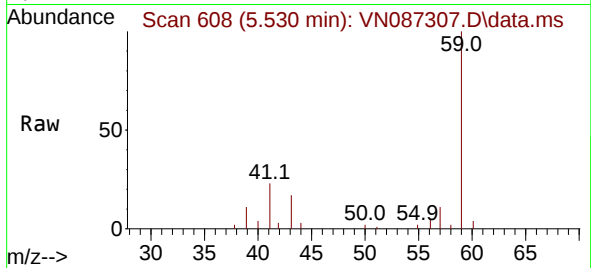




#23
tert-Butyl Alcohol
Concen: 77.192 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

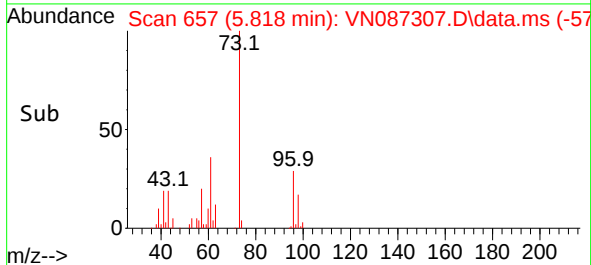
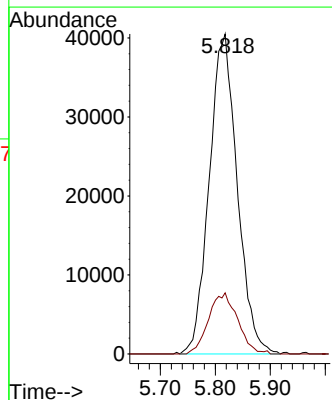
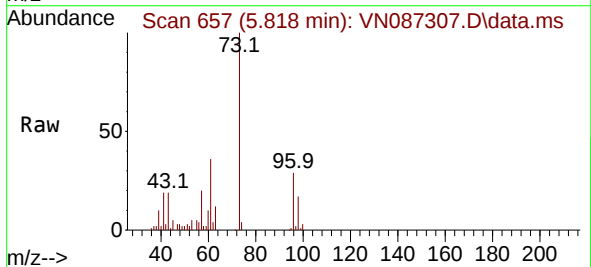
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

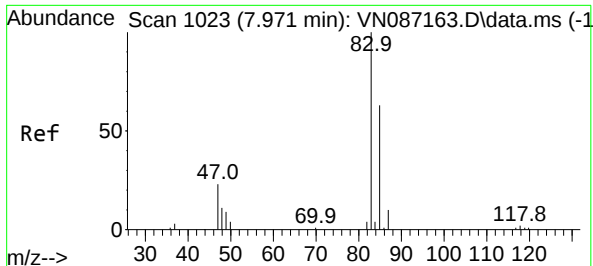
Tgt Ion: 59 Resp: 54303
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 15.984 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 73 Resp: 143324
Ion Ratio Lower Upper
73 100
43 19.8 16.4 24.6





#25

Chloroform

Concen: 16.858 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

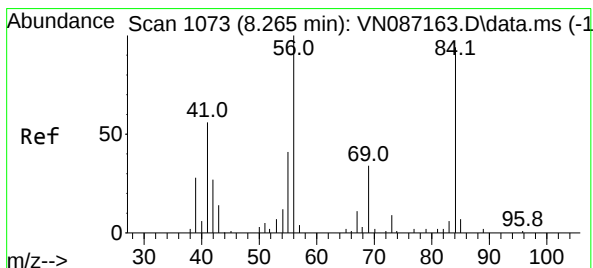
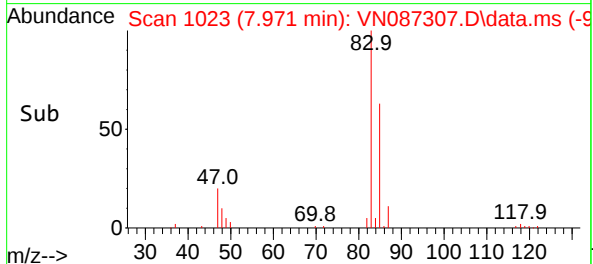
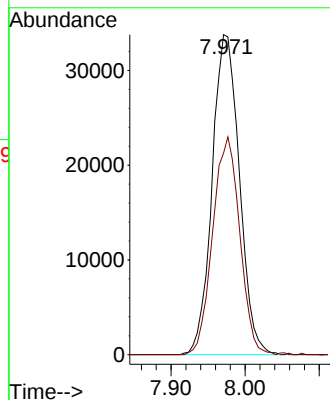
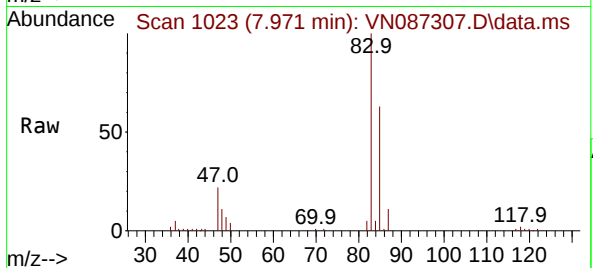
VN0709WBS01

Tgt Ion: 83 Resp: 86359

Ion Ratio Lower Upper

83 100

85 63.0 50.7 76.1



#26

Cyclohexane

Concen: 11.325 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

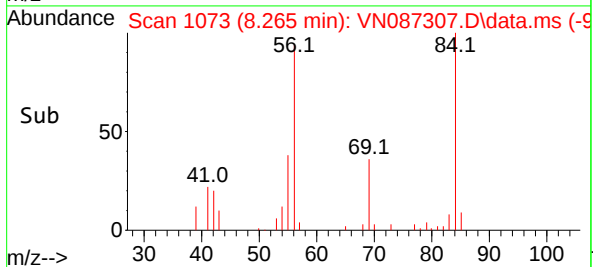
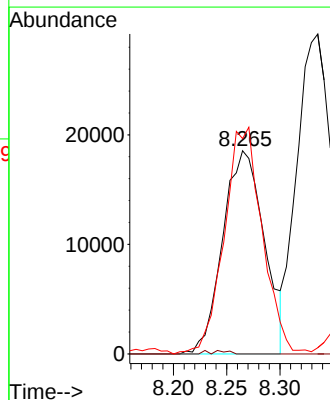
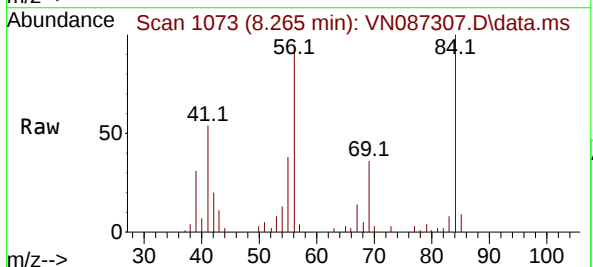
Tgt Ion: 56 Resp: 50337

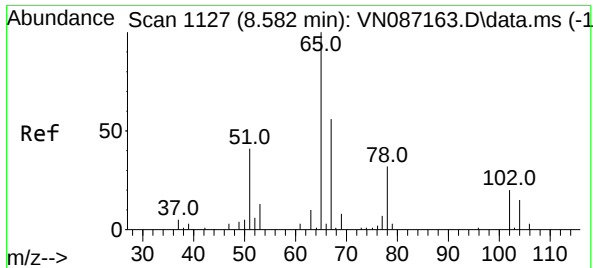
Ion Ratio Lower Upper

56 100

89 0.5 6.9 10.3#

84 101.6 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 27.232 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

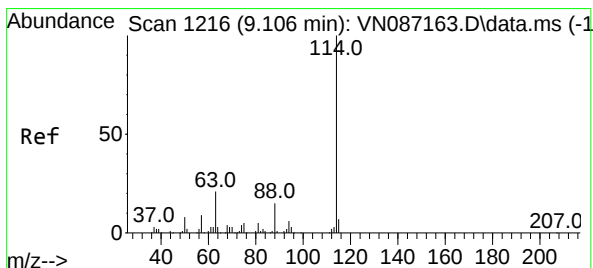
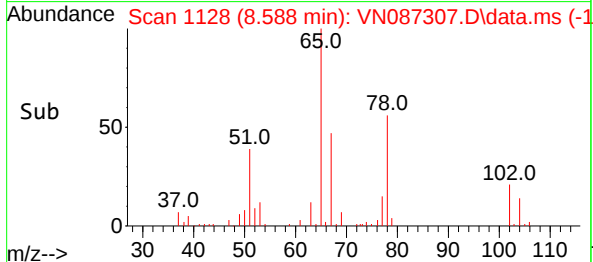
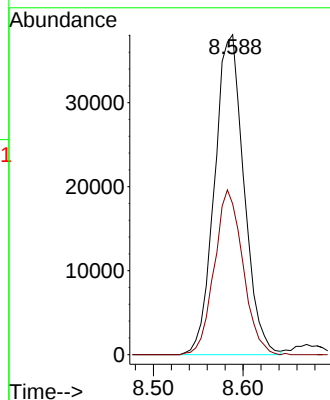
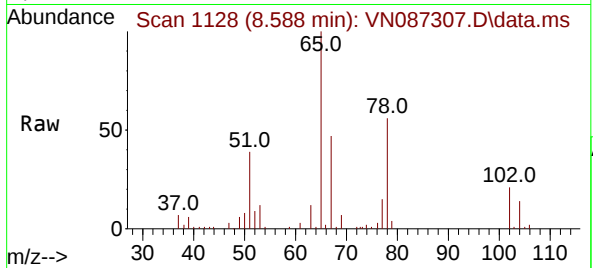
VN0709WBS01

Tgt Ion: 65 Resp: 86598

Ion Ratio Lower Upper

65 100

67 50.0 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

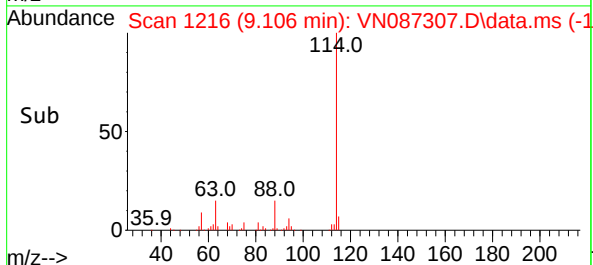
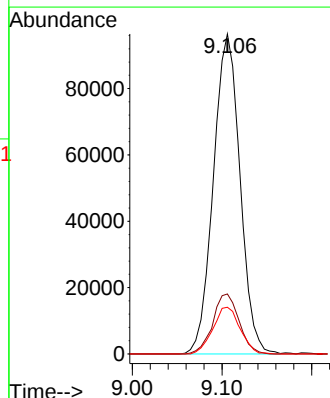
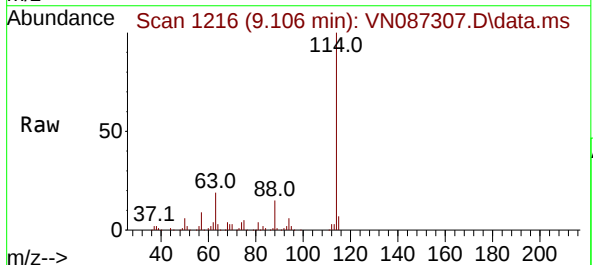
Tgt Ion: 114 Resp: 198713

Ion Ratio Lower Upper

114 100

63 18.5 17.0 25.4

88 14.8 12.6 19.0





#29

1,1-Dichloropropene

Concen: 16.342 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

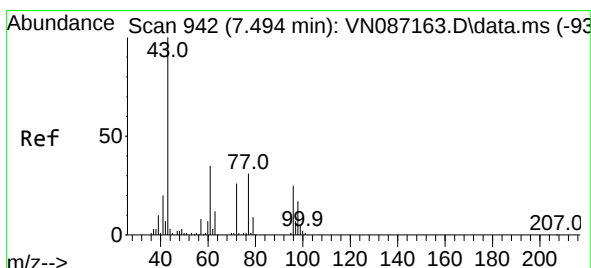
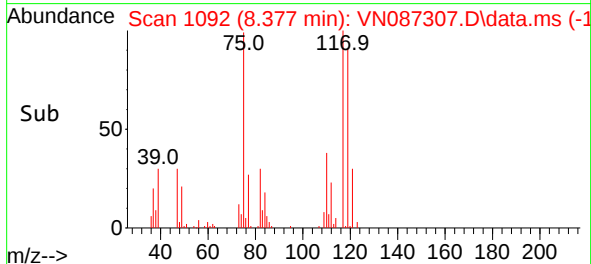
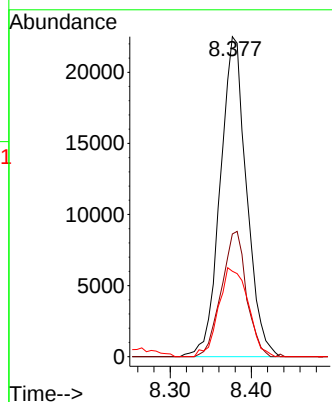
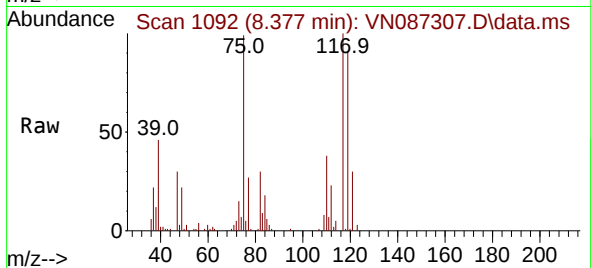
Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

Tgt Ion:	75	Resp:	50616
Ion	Ratio	Lower	Upper
75	100		
110	37.3	0.0	69.2
77	30.4	0.0	61.8



#30

2-Butanone

Concen: 83.271 ug/l

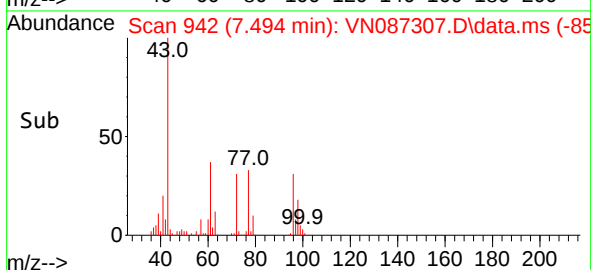
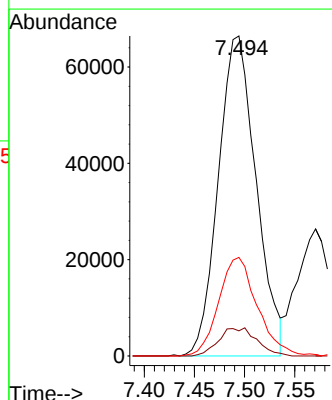
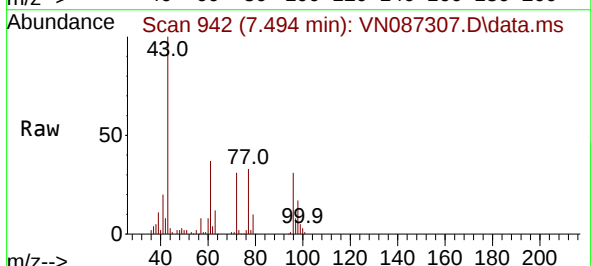
RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Tgt Ion:	43	Resp:	173974
Ion	Ratio	Lower	Upper
43	100		
57	5.1	6.3	9.5#
72	31.3	21.8	32.6

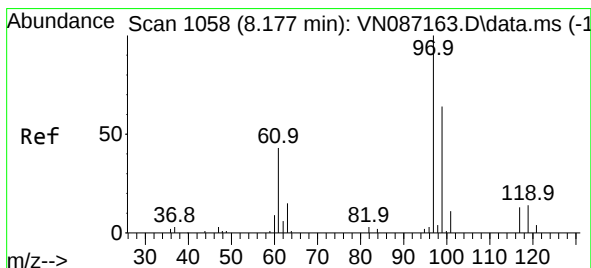
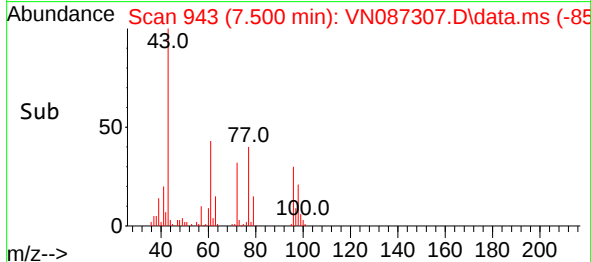
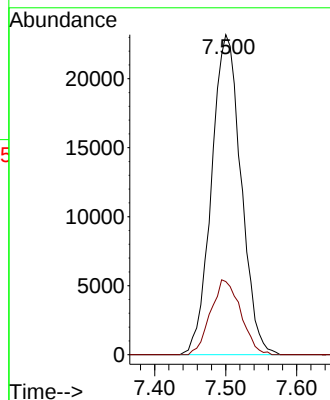
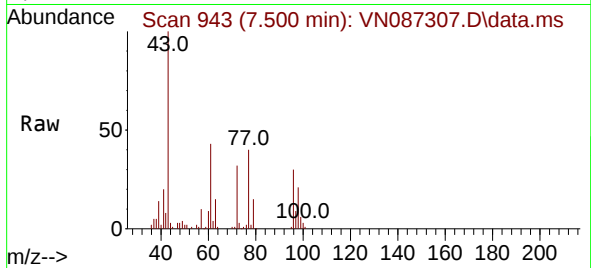




#31
2,2-Dichloropropane
Concen: 17.907 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

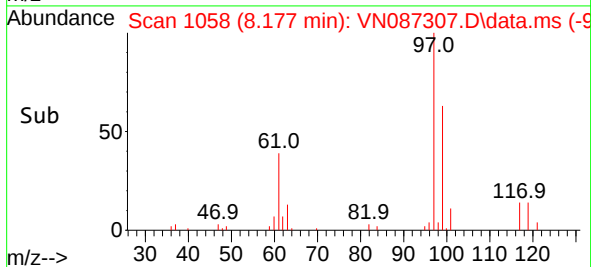
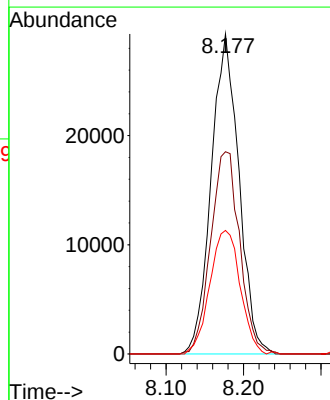
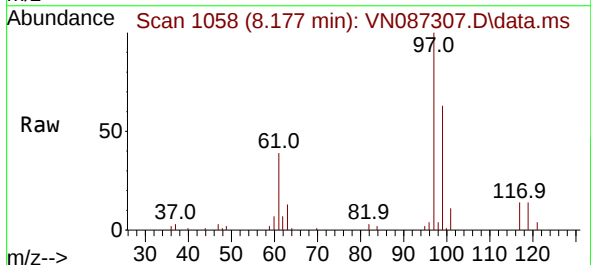
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

Tgt Ion: 77 Resp: 66949
Ion Ratio Lower Upper
77 100
97 23.7 18.4 27.6



#32
1,1,1-Trichloroethane
Concen: 20.110 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 97 Resp: 72767
Ion Ratio Lower Upper
97 100
99 66.2 50.8 76.2
61 42.3 36.1 54.1

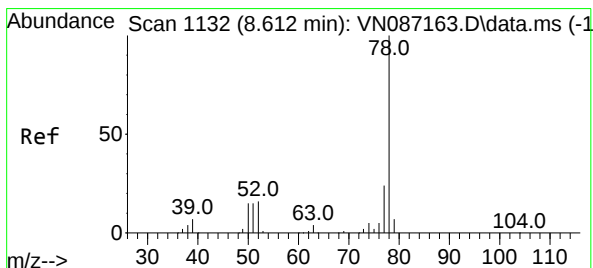
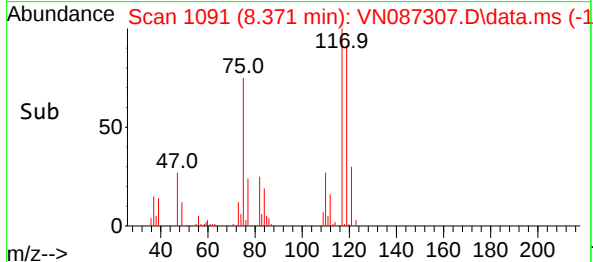
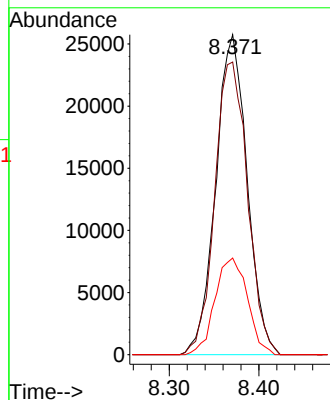
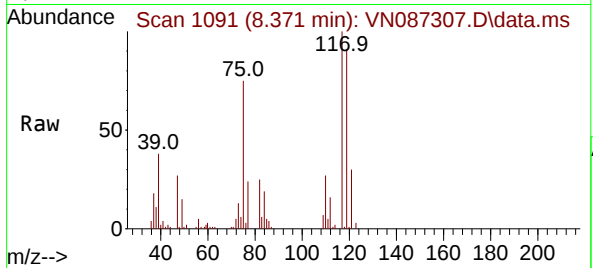




#33
Carbon Tetrachloride
Concen: 20.540 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

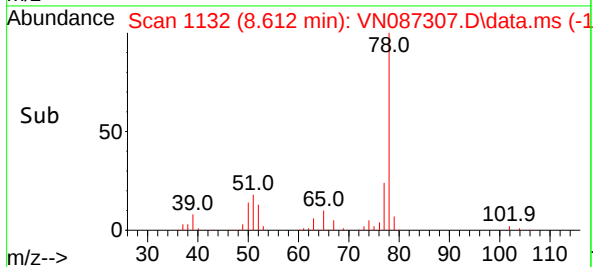
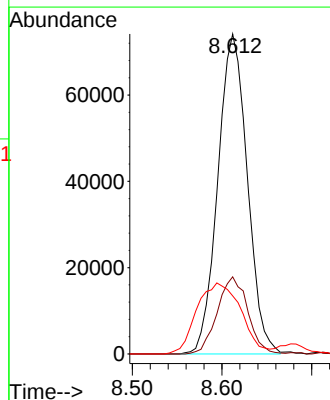
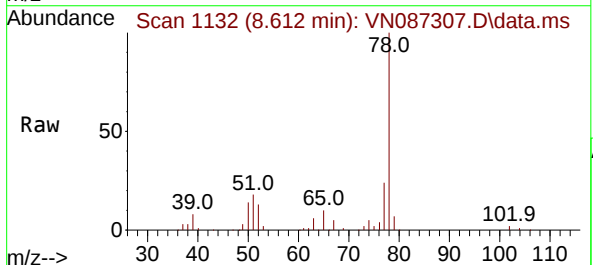
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

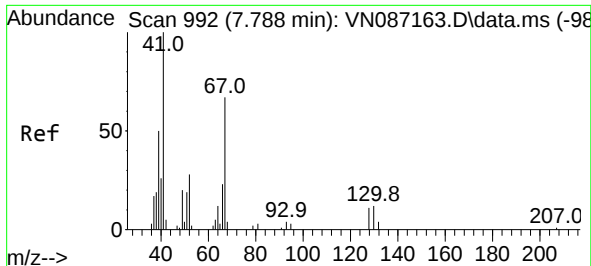
Tgt Ion:117 Resp: 62546
Ion Ratio Lower Upper
117 100
119 91.5 75.8 113.6
121 30.2 26.2 39.4



#34
Benzene
Concen: 17.232 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 78 Resp: 169084
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3
51 16.5 14.8 22.2

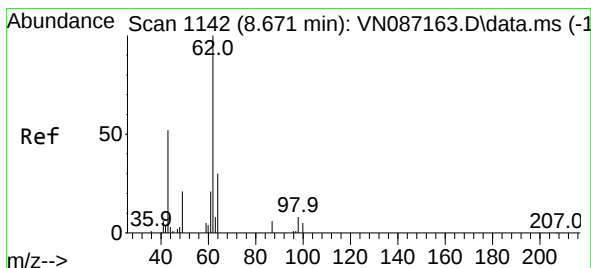
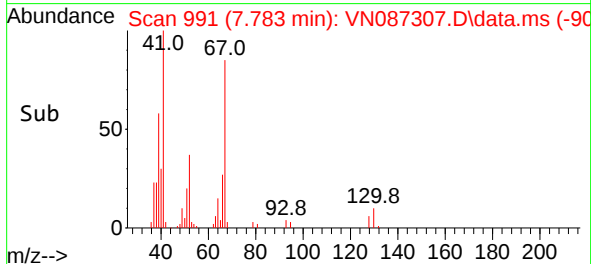
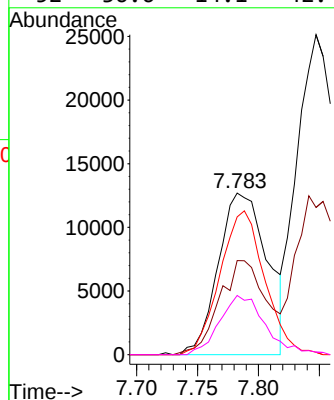
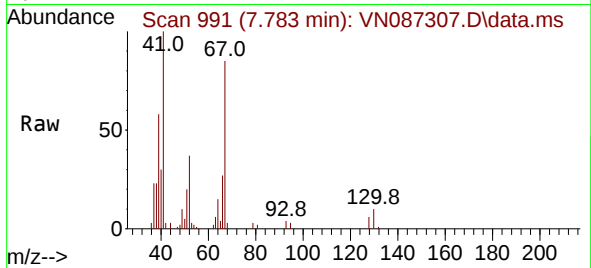




#35
Methacrylonitrile
Concen: 16.822 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

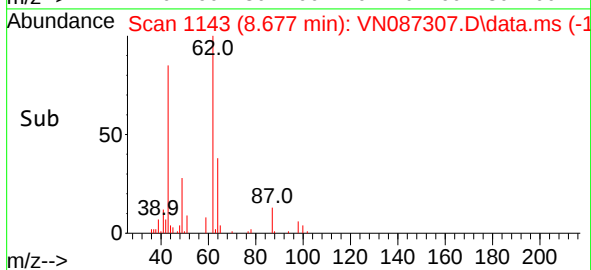
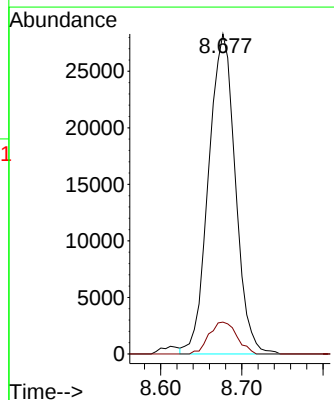
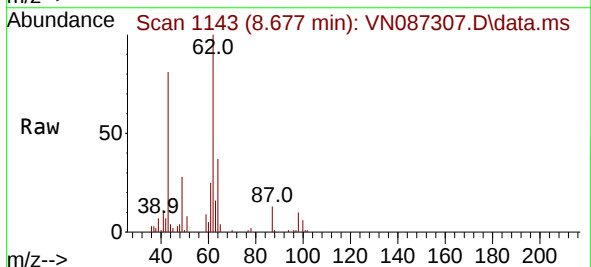
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

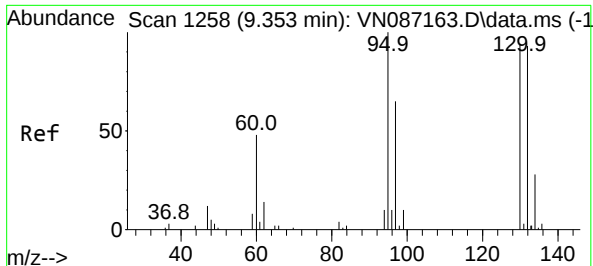
Tgt Ion:	41	Resp:	35419
Ion	Ratio	Lower	Upper
41	100		
39	56.9	24.4	73.2
67	85.2	33.3	99.8
52	36.6	14.1	42.4



#36
1,2-Dichloroethane
Concen: 20.474 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion:	62	Resp:	64907
Ion	Ratio	Lower	Upper
62	100		
98	10.3	7.2	10.8





#37

Trichloroethene

Concen: 19.288 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

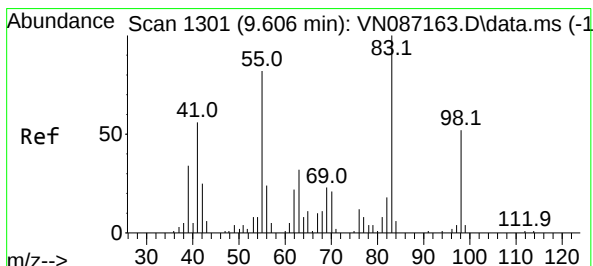
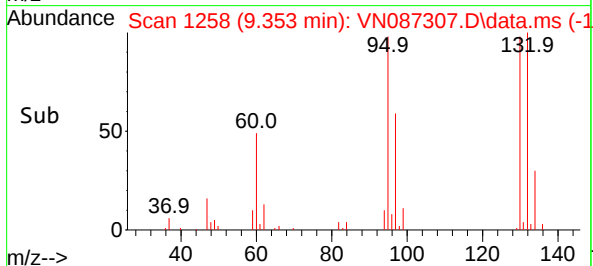
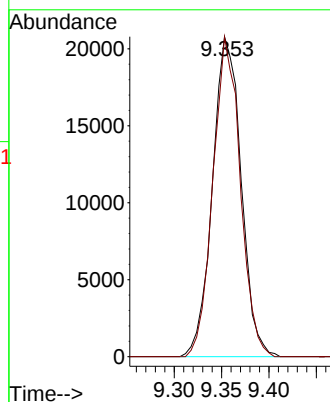
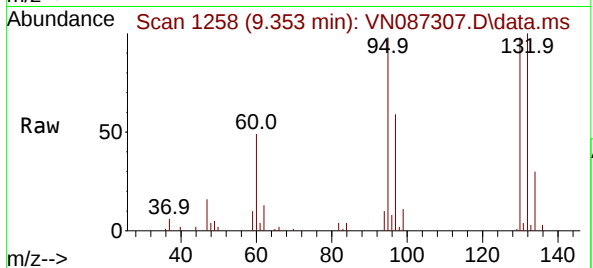
VN0709WBS01

Tgt Ion:130 Resp: 43654

Ion Ratio Lower Upper

130 100

95 99.9 85.3 127.9



#38

Methylcyclohexane

Concen: 15.176 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

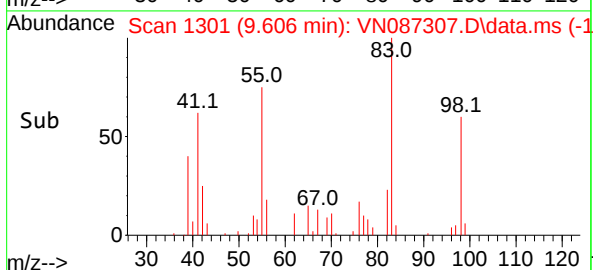
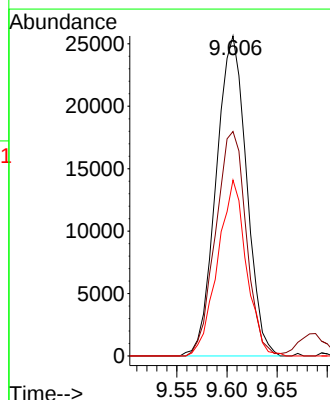
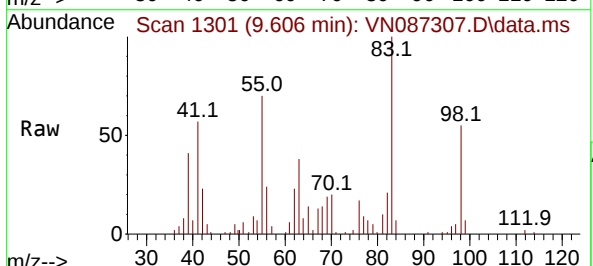
Tgt Ion: 83 Resp: 53933

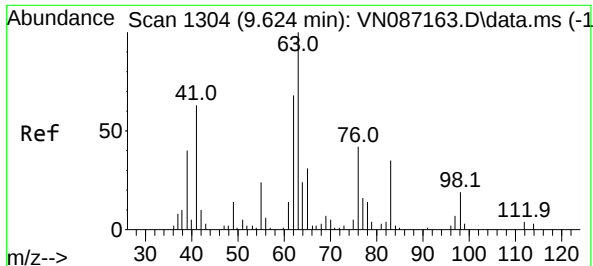
Ion Ratio Lower Upper

83 100

55 70.9 40.1 120.2

98 51.8 24.4 73.2





#39

1,2-Dichloropropane

Concen: 17.221 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

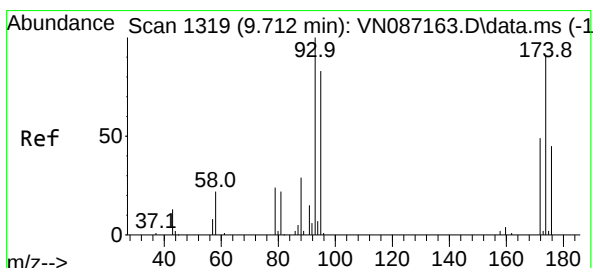
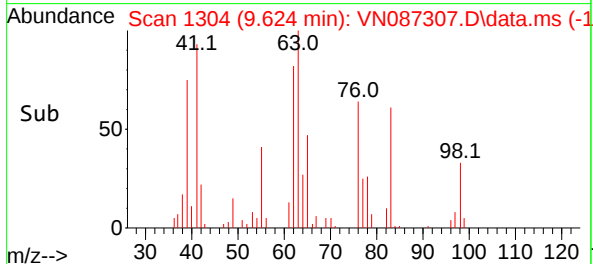
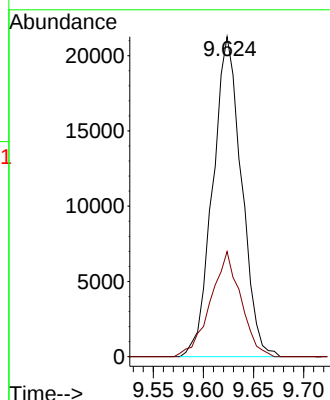
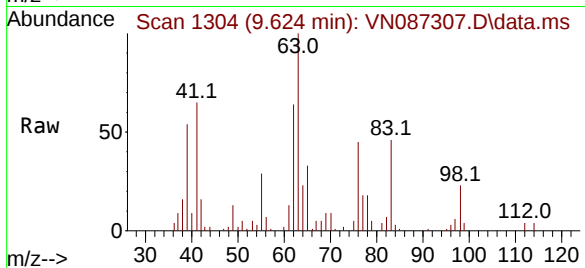
VN0709WBS01

Tgt Ion: 63 Resp: 42412

Ion Ratio Lower Upper

63 100

65 32.8 24.6 36.8



#40

Dibromomethane

Concen: 21.514 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

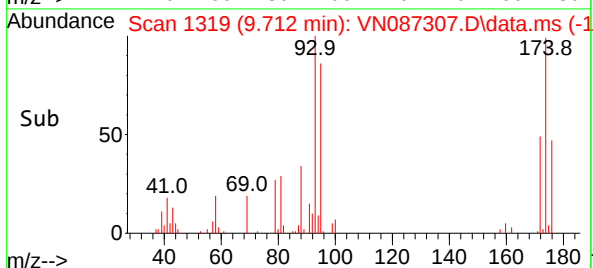
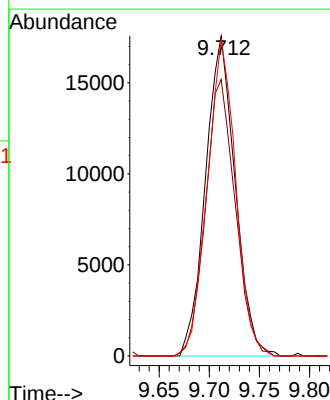
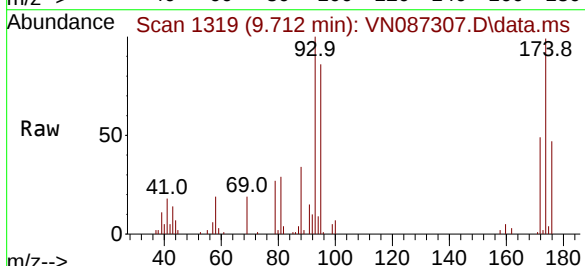
Tgt Ion: 93 Resp: 36027

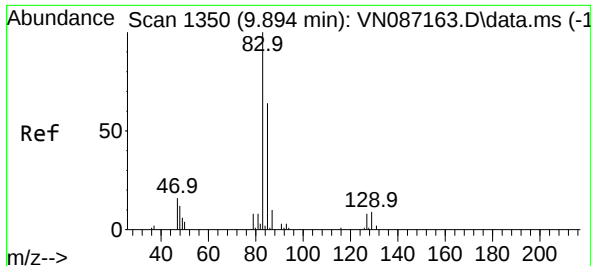
Ion Ratio Lower Upper

93 100

95 86.6 0.0 170.8

174 95.1 0.0 176.6

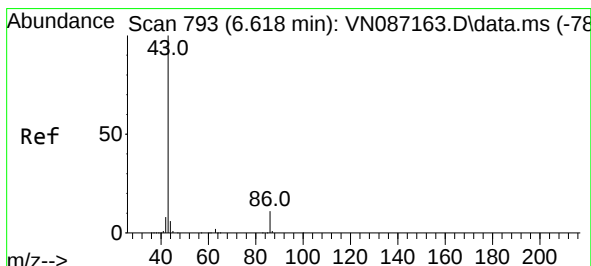
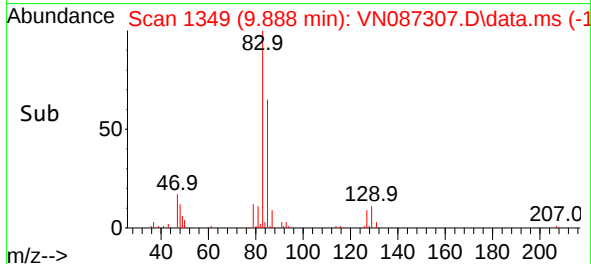
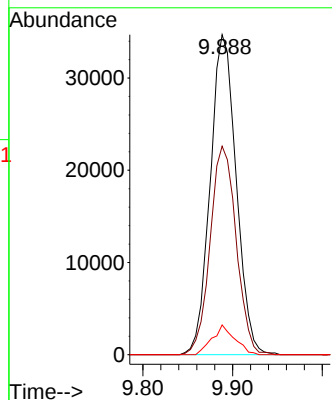
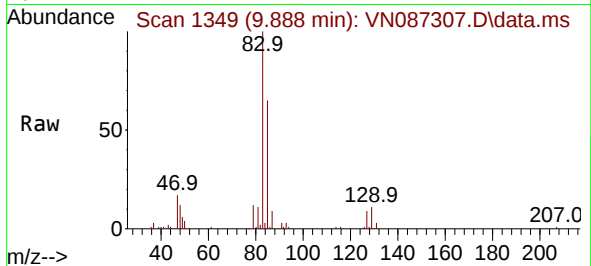




#41
Bromodichloromethane
Concen: 20.656 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

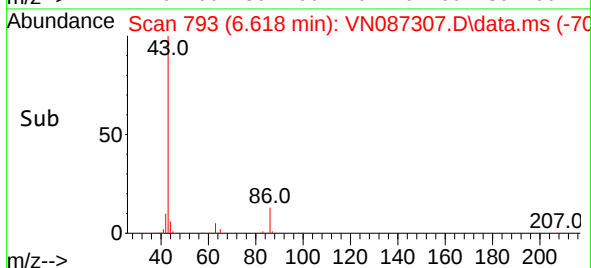
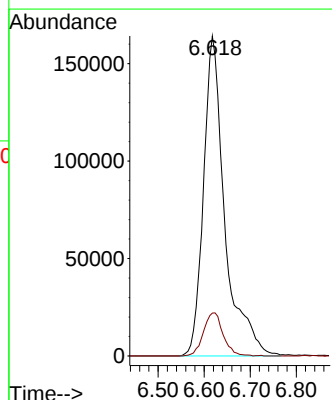
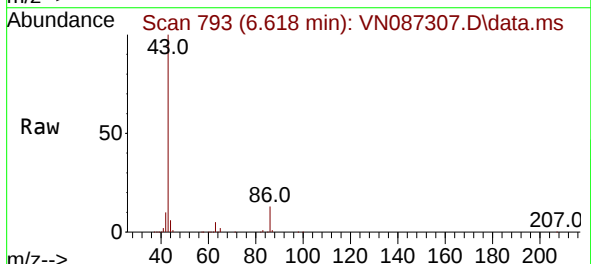
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

Tgt Ion: 83 Resp: 69822
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2
127 9.3 6.1 9.1#



#42
Vinyl Acetate
Concen: 77.932 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 43 Resp: 529576
Ion Ratio Lower Upper
43 100
86 12.4 7.7 11.5#

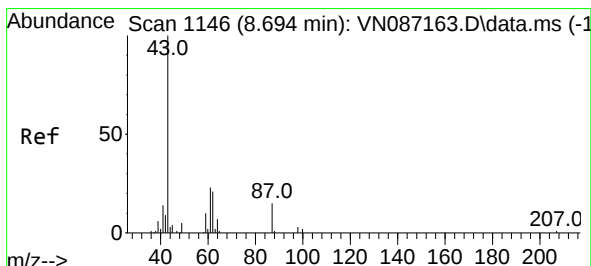
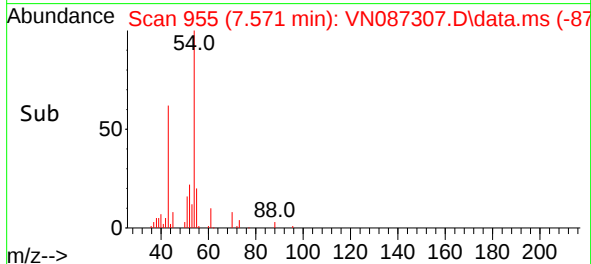
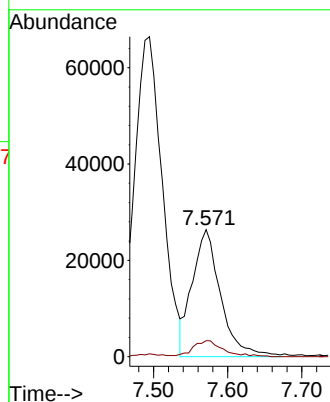
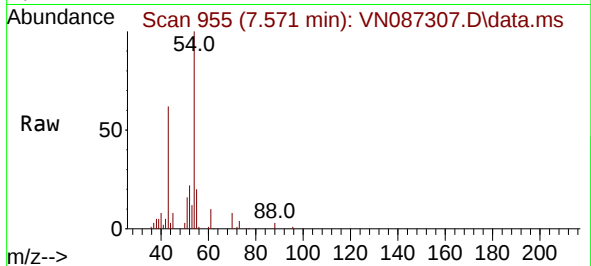




#43
Ethyl Acetate
Concen: 18.647 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

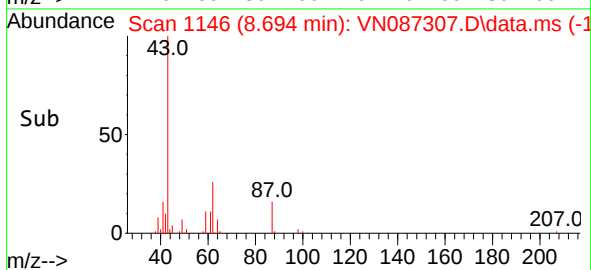
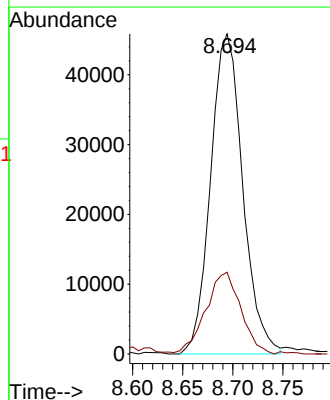
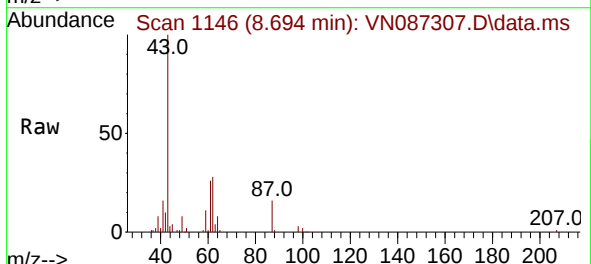
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

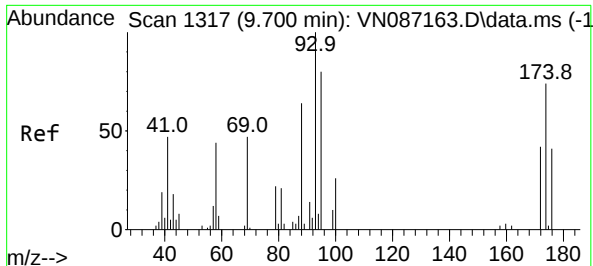
Tgt Ion: 43 Resp: 70329
Ion Ratio Lower Upper
43 100
45 11.4 11.5 17.3#



#44
Isopropyl Acetate
Concen: 16.638 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 43 Resp: 102240
Ion Ratio Lower Upper
43 100
61 27.8 20.5 30.7

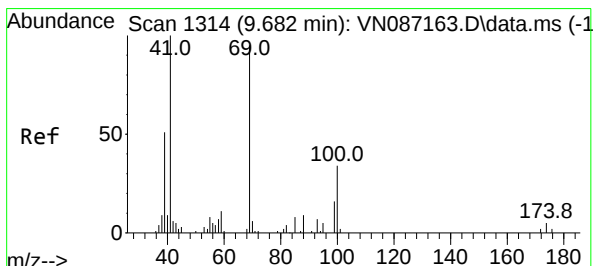
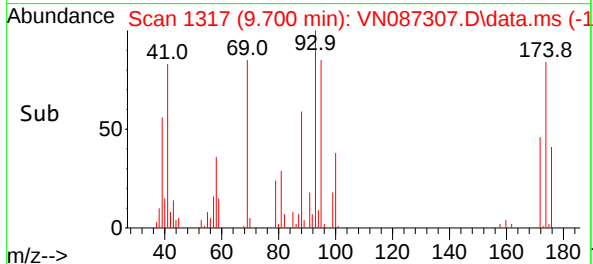
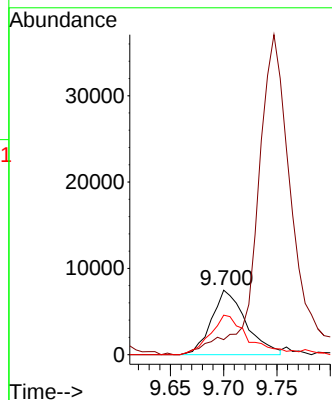
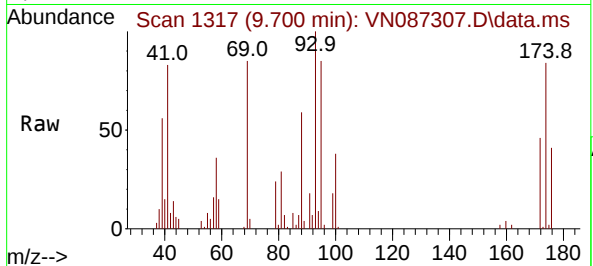




#45
1,4-Dioxane
Concen: 405.289 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

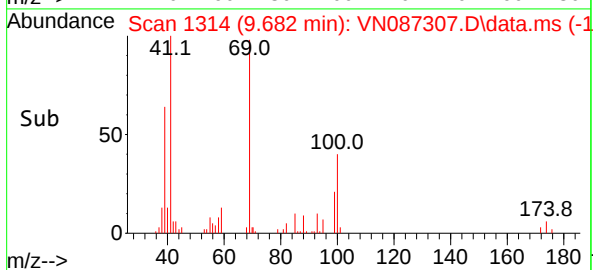
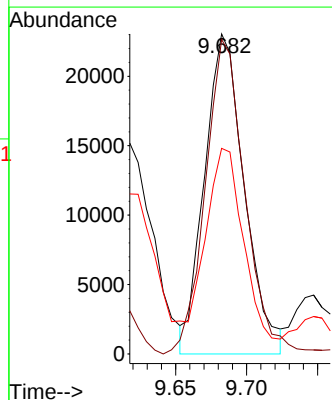
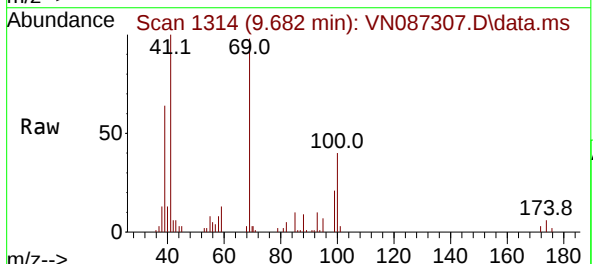
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

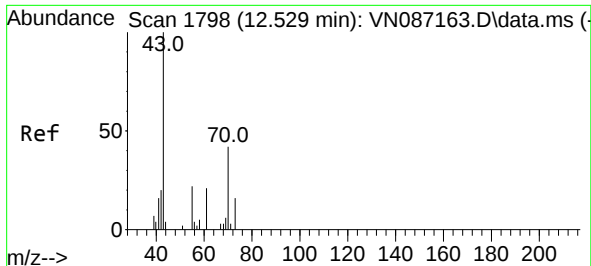
Tgt Ion: 88 Resp: 16847
Ion Ratio Lower Upper
88 100
43 0.4 21.3 31.9#
58 54.8 61.7 92.5#



#46
Methyl methacrylate
Concen: 15.695 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 41 Resp: 44834
Ion Ratio Lower Upper
41 100
69 101.9 45.6 136.9
39 64.6 26.2 78.5

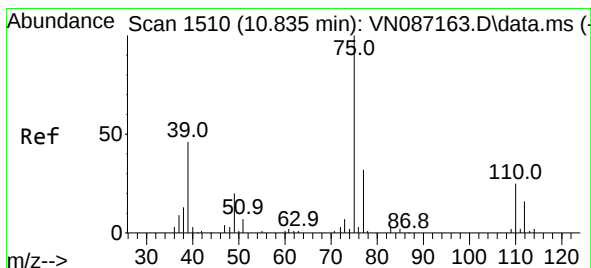
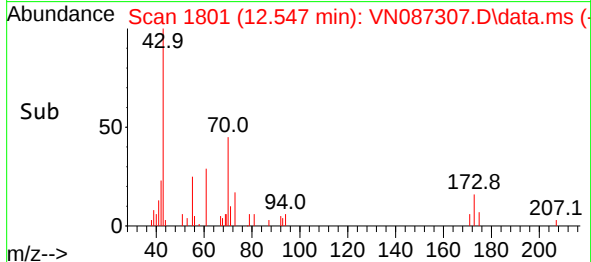
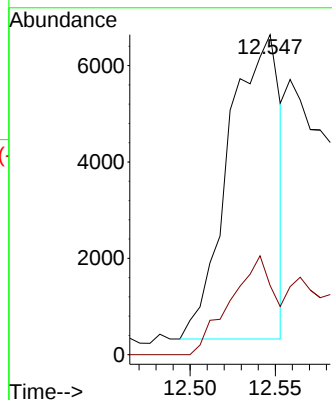
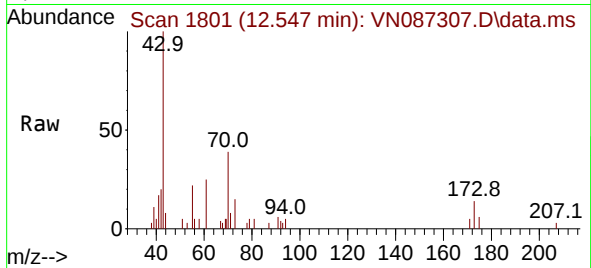




#47
n-amy1 Acetate
Concen: 3.503 ug/l
RT: 12.547 min Scan# 1798
Delta R.T. 0.018 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

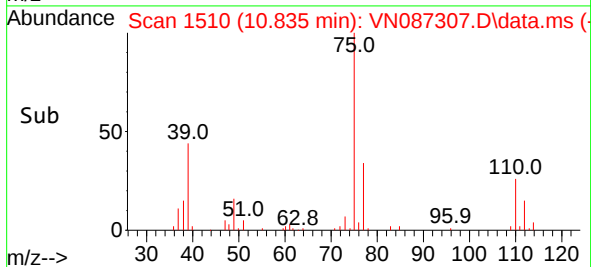
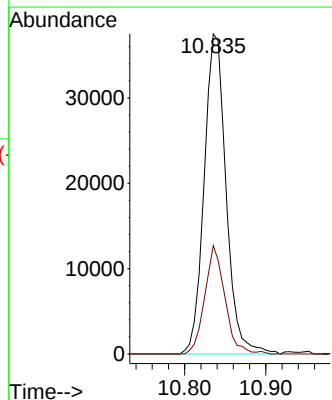
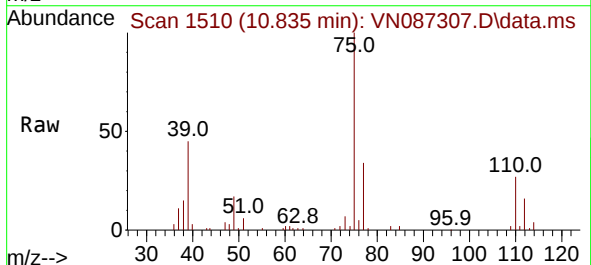
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

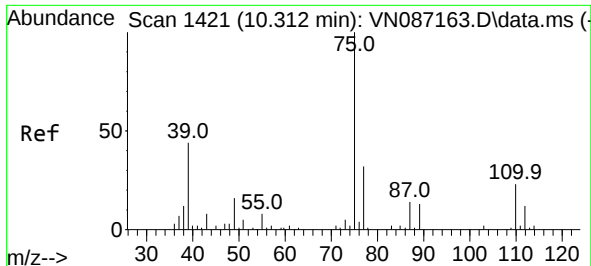
Tgt Ion: 43 Resp: 13162
Ion Ratio Lower Upper
43 100
55 27.8 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 18.710 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 75 Resp: 70502
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.0

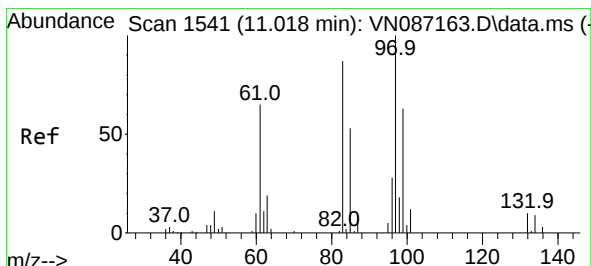
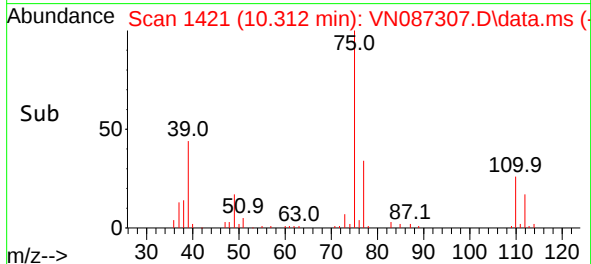
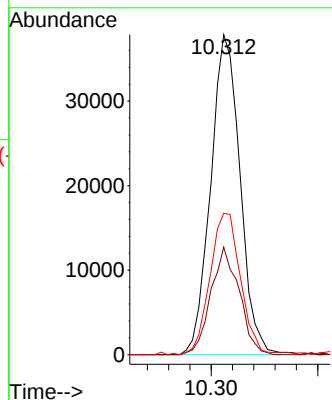
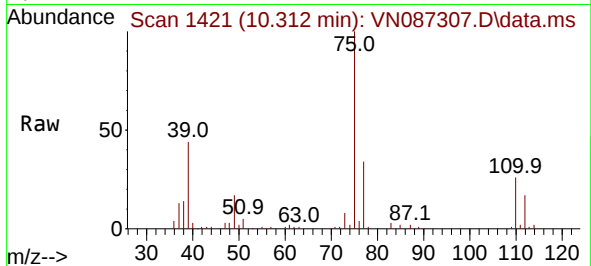




#49
 cis-1,3-Dichloropropene
 Concen: 18.083 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

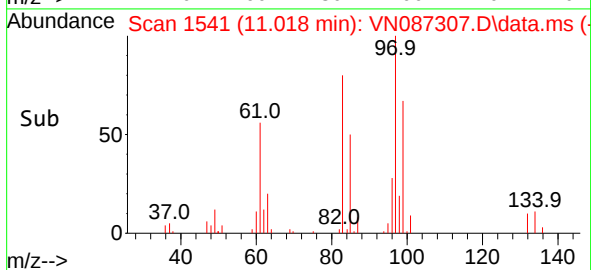
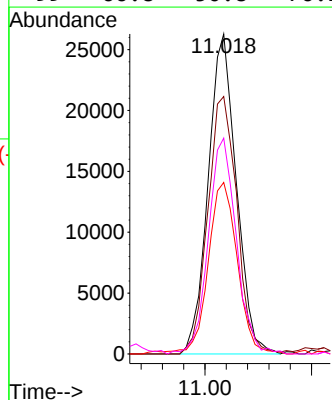
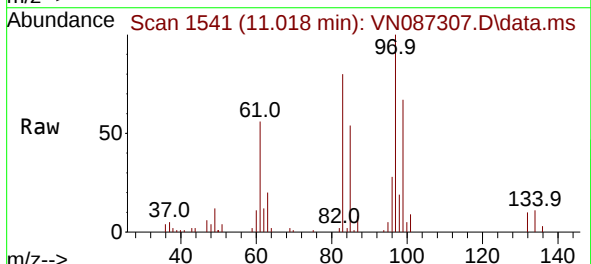
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

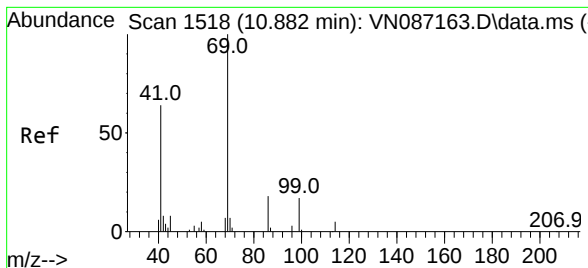
Tgt Ion:	75	Resp:	72439
Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.4	38.2
39	44.2	35.3	52.9



#50
 1,1,2-Trichloroethane
 Concen: 20.234 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

Tgt Ion:	97	Resp:	48134
Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.6	104.4
85	53.0	42.0	63.0
99	66.8	50.8	76.2

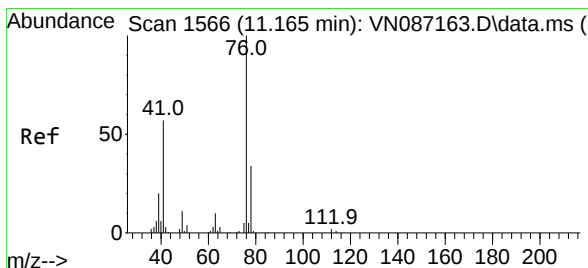
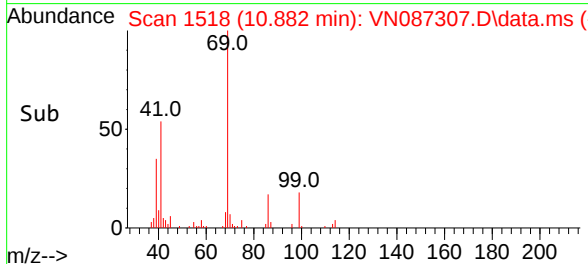
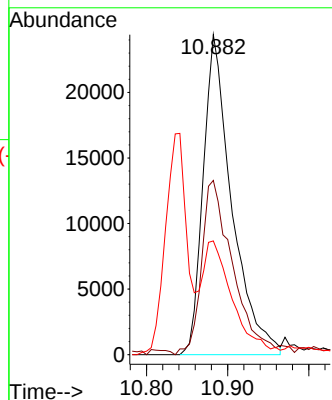
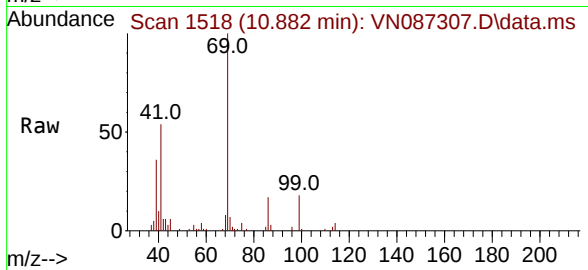




#51
Ethyl methacrylate
Concen: 16.476 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

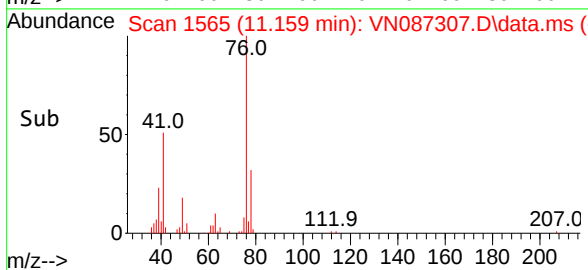
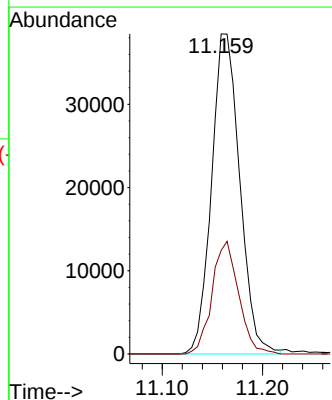
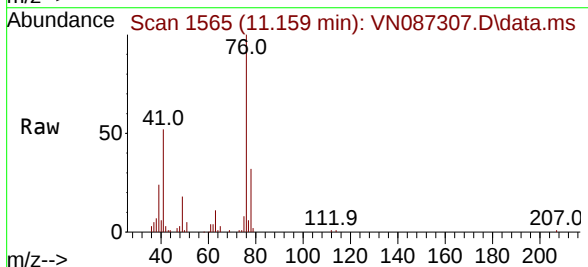
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

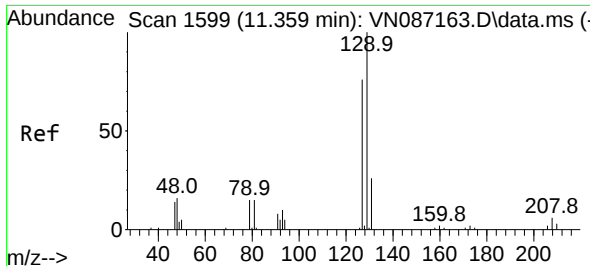
Tgt Ion: 69 Resp: 59653
Ion Ratio Lower Upper
69 100
41 52.6 31.8 95.3
39 34.2 15.3 45.8



#52
1,3-Dichloropropane
Concen: 18.406 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 76 Resp: 75171
Ion Ratio Lower Upper
76 100
78 33.1 0.0 63.0

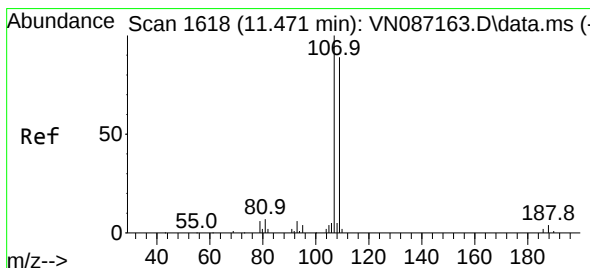
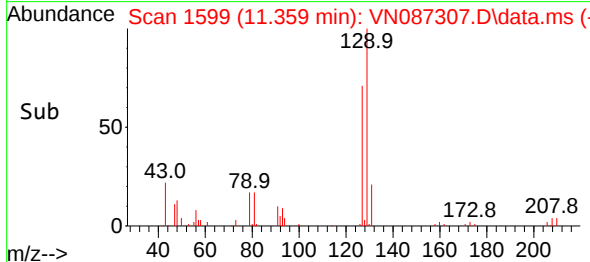
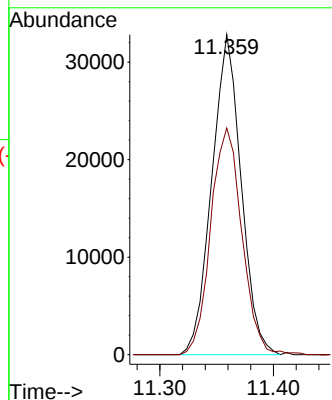
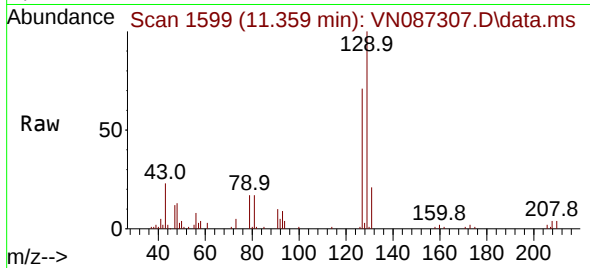




#53
Dibromochloromethane
Concen: 23.587 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

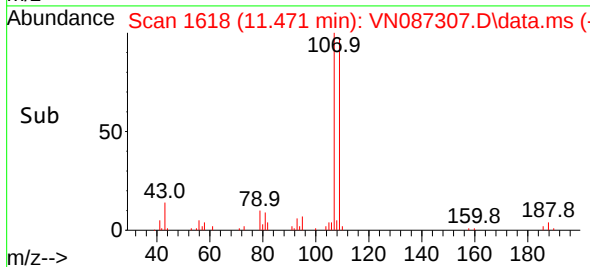
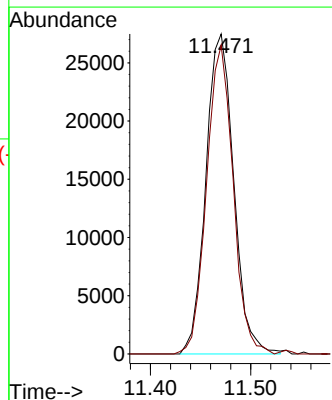
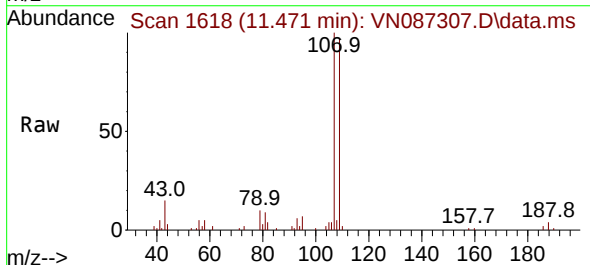
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

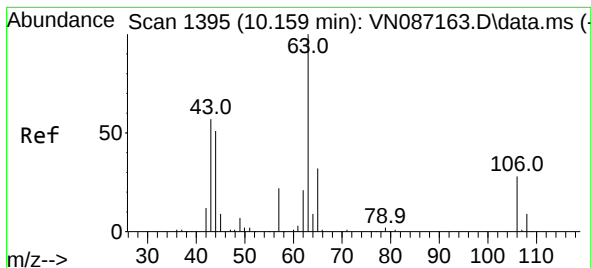
Tgt Ion:129 Resp: 58898
Ion Ratio Lower Upper
129 100
127 74.6 39.6 118.8



#54
1,2-Dibromoethane
Concen: 21.637 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion:107 Resp: 53103
Ion Ratio Lower Upper
107 100
109 91.9 73.5 110.3

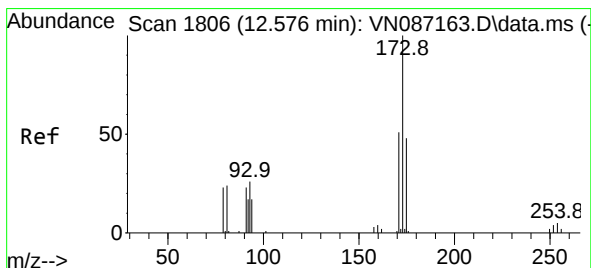
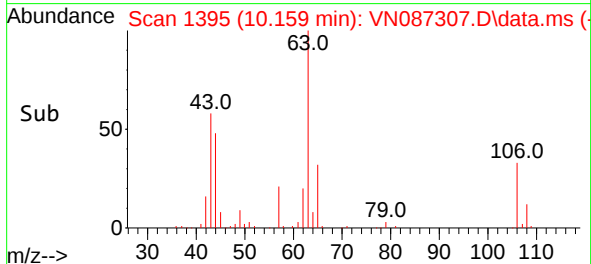
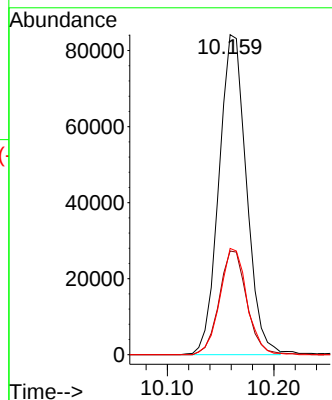
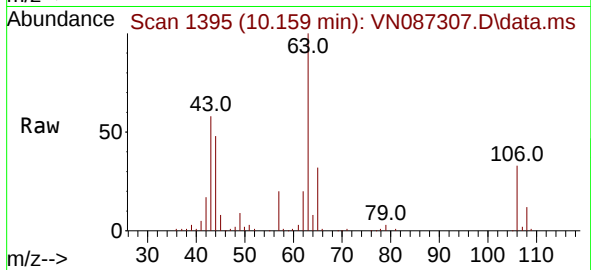




#55
2-Chloroethyl vinyl ether
Concen: 72.645 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

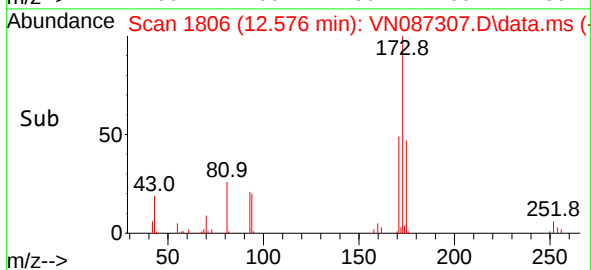
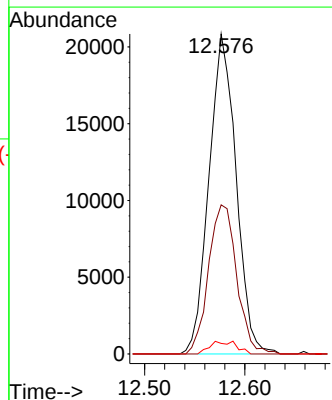
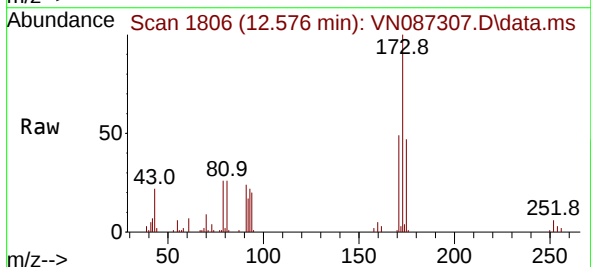
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

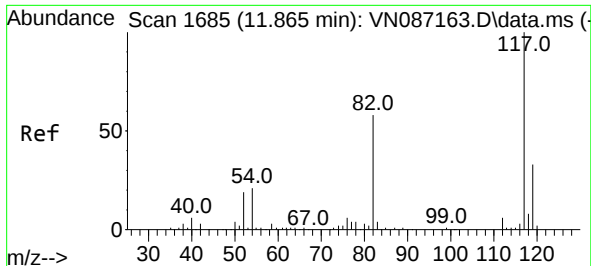
Tgt Ion: 63 Resp: 150764
Ion Ratio Lower Upper
63 100
65 32.5 25.6 38.4
106 32.6 21.9 32.9



#56
Bromoform
Concen: 22.775 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion:173 Resp: 39096
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 2.6 4.2 6.4#

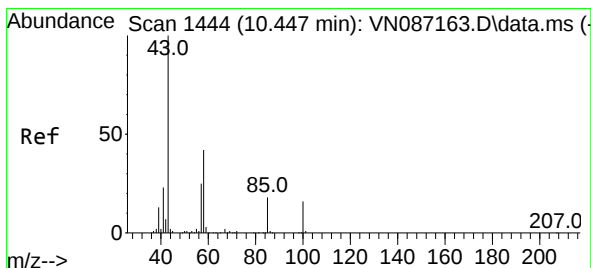
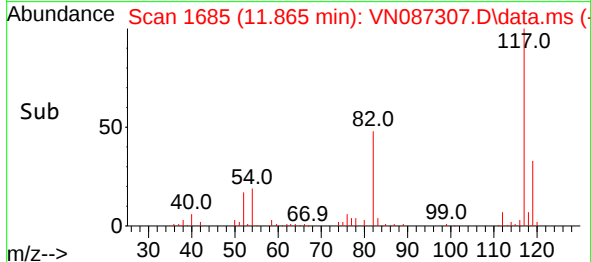
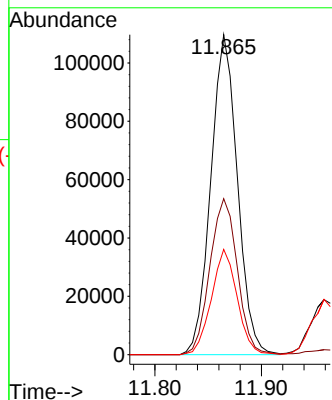
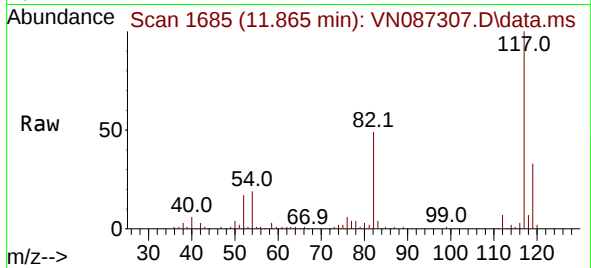




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

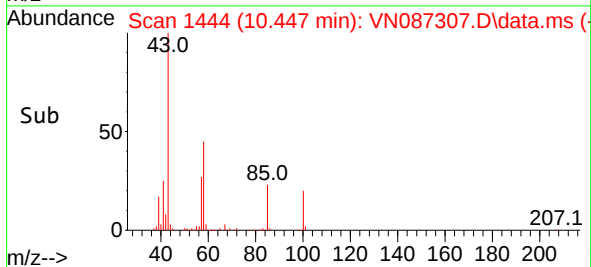
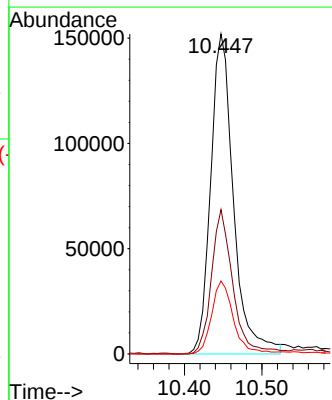
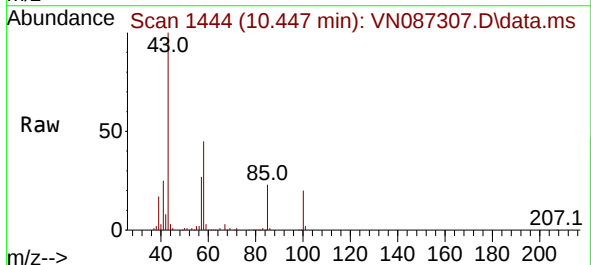
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

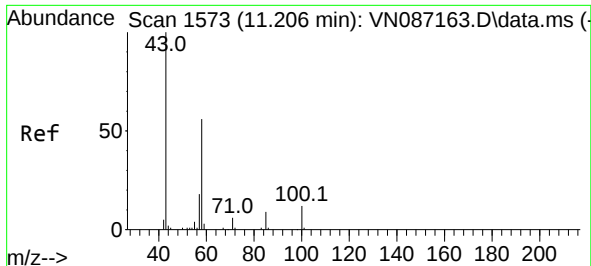
Tgt Ion:117 Resp: 190461
Ion Ratio Lower Upper
117 100
82 50.2 45.4 68.2
119 31.9 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 81.110 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 43 Resp: 310568
Ion Ratio Lower Upper
43 100
58 42.5 32.6 49.0
85 21.8 14.6 22.0

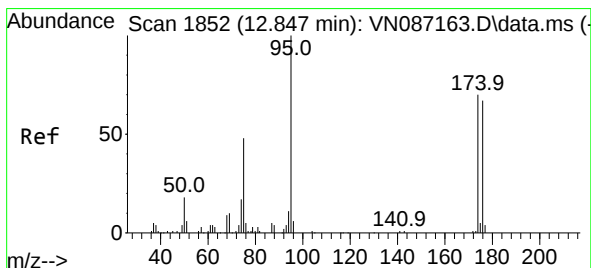
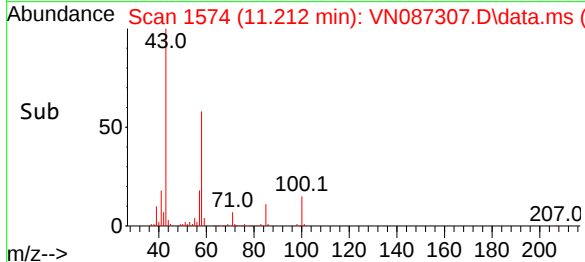
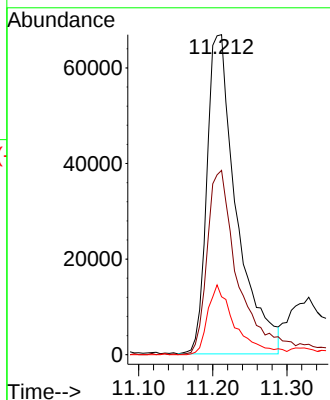
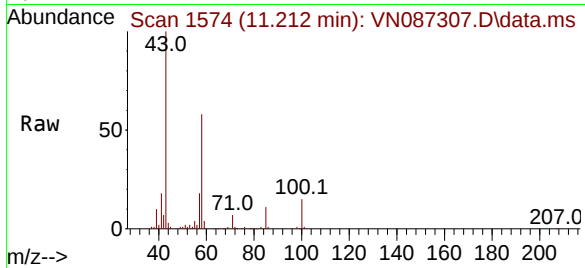




#59
2-Hexanone
Concen: 75.030 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

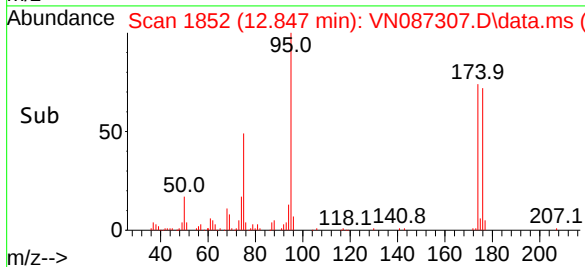
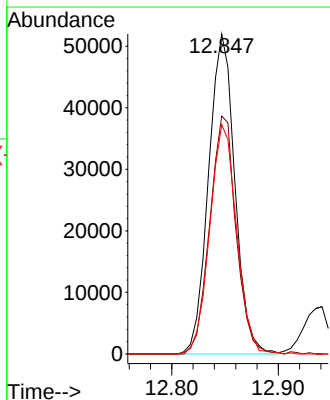
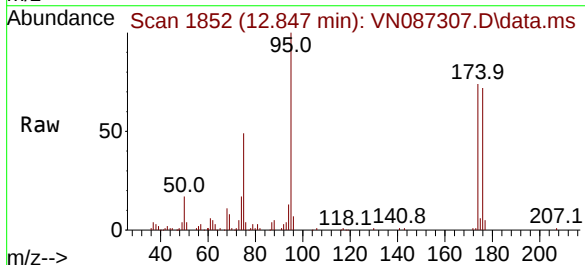
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

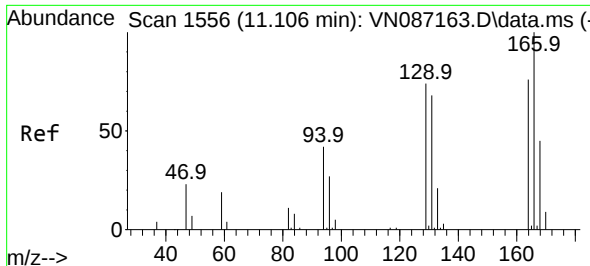
Tgt Ion: 43 Resp: 185509
Ion Ratio Lower Upper
43 100
58 59.7 49.2 73.8
57 19.8 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 30.335 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 95 Resp: 89155
Ion Ratio Lower Upper
95 100
174 74.4 54.5 81.7
176 72.8 51.9 77.9

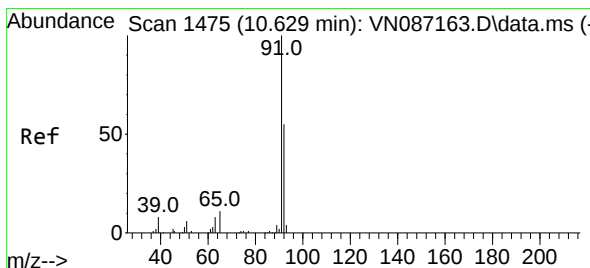
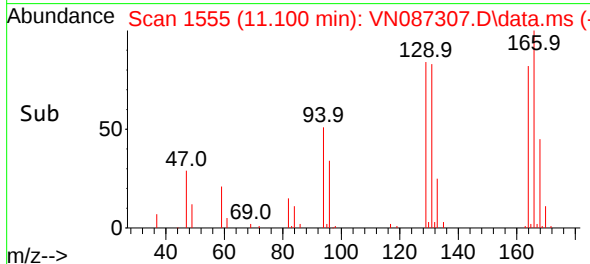
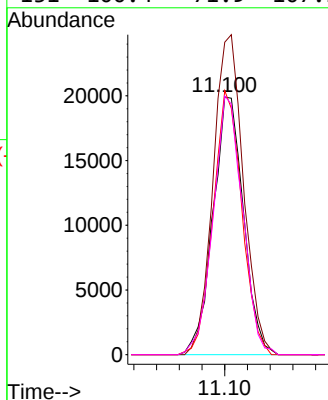
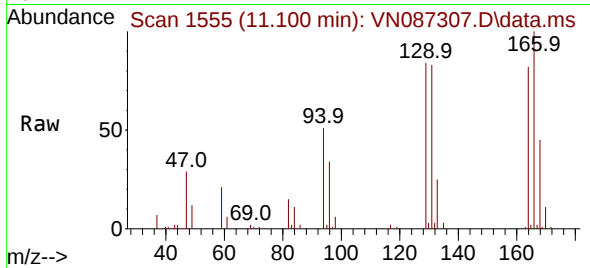




#61
Tetrachloroethene
Concen: 19.637 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

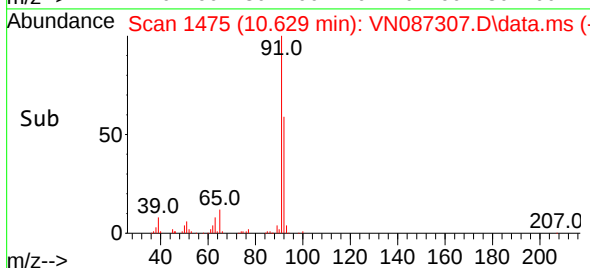
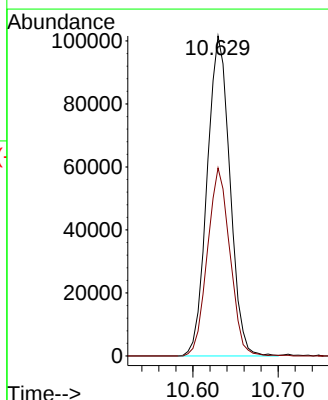
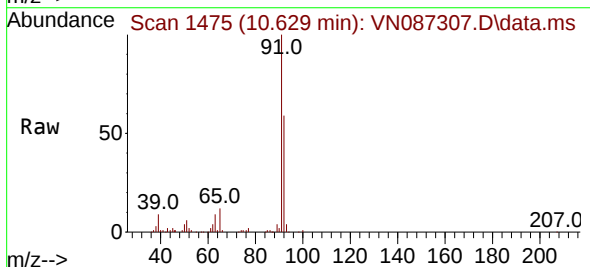
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

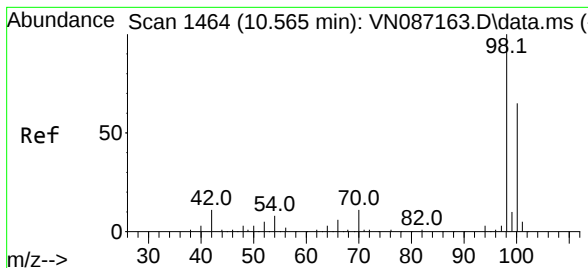
Tgt Ion:164 Resp: 37038
Ion Ratio Lower Upper
164 100
166 121.3 105.4 158.2
129 102.5 77.9 116.9
131 100.4 71.9 107.9



#62
Toluene
Concen: 17.543 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 91 Resp: 188704
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.8





#63

Toluene-d8

Concen: 28.612 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

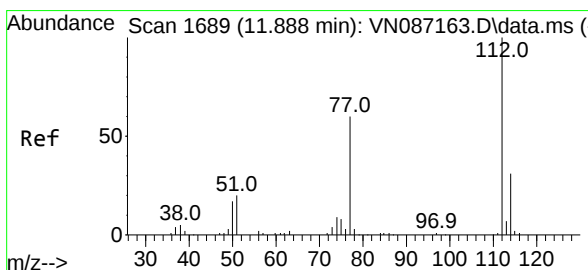
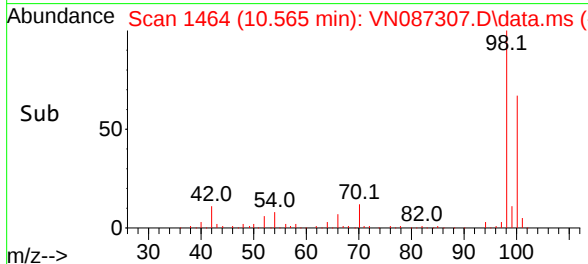
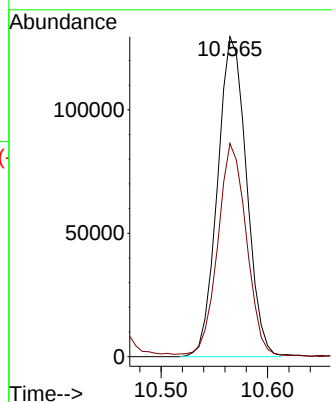
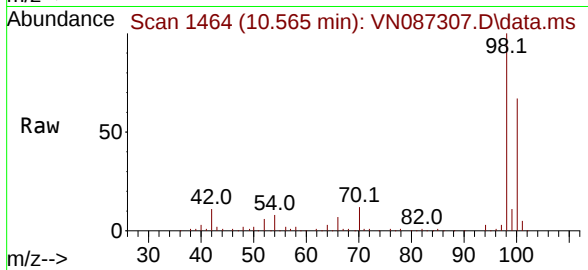
VN0709WBS01

Tgt Ion: 98 Resp: 244677

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7



#64

Chlorobenzene

Concen: 19.389 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN087307.D

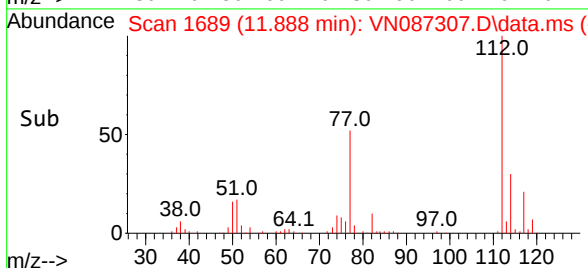
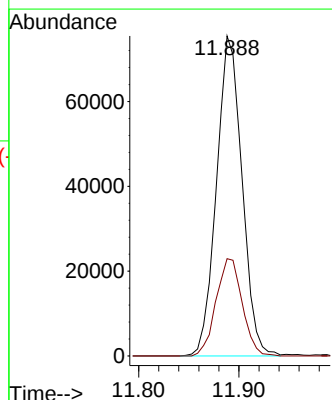
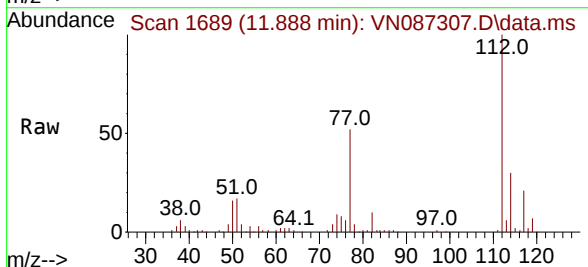
Acq: 09 Jul 2025 11:46

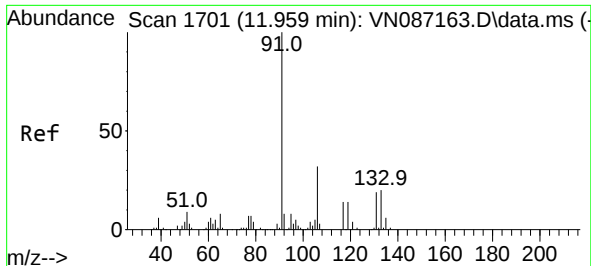
Tgt Ion: 112 Resp: 133044

Ion Ratio Lower Upper

112 100

114 30.4 25.0 37.4

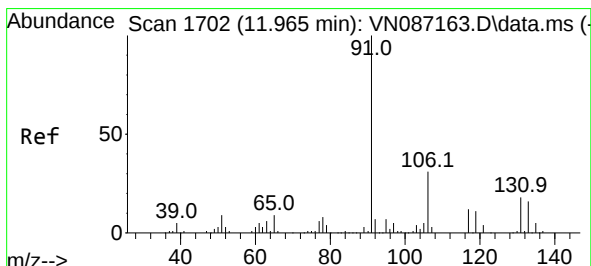
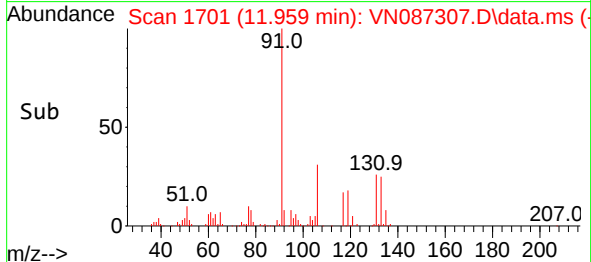
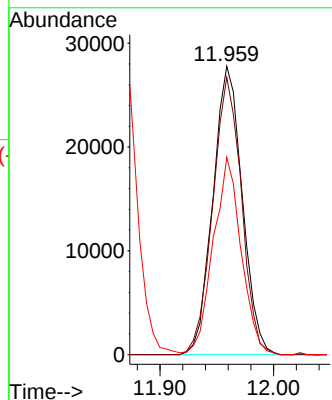
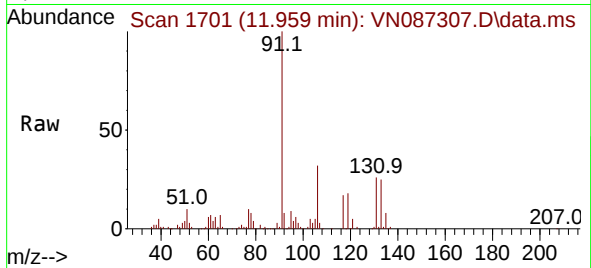




#65
1,1,1,2-Tetrachloroethane
Concen: 22.009 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

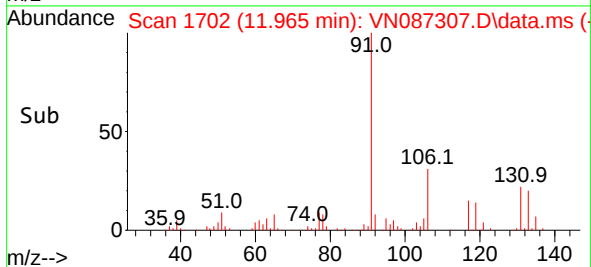
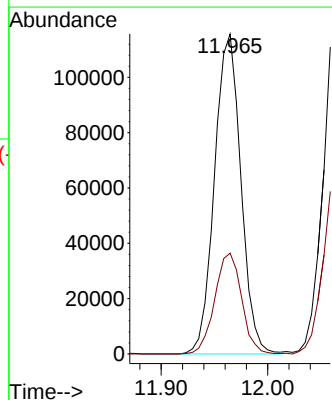
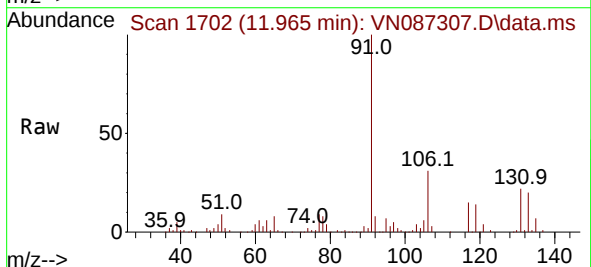
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

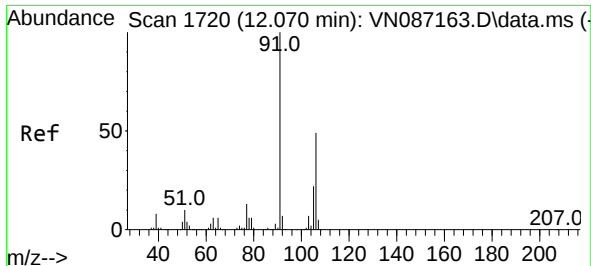
Tgt Ion:131 Resp: 49898
Ion Ratio Lower Upper
131 100
133 94.0 0.0 187.8
119 65.3 0.0 140.0



#66
Ethyl Benzene
Concen: 16.854 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 91 Resp: 198442
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2

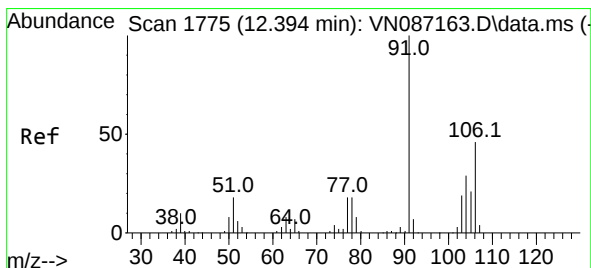
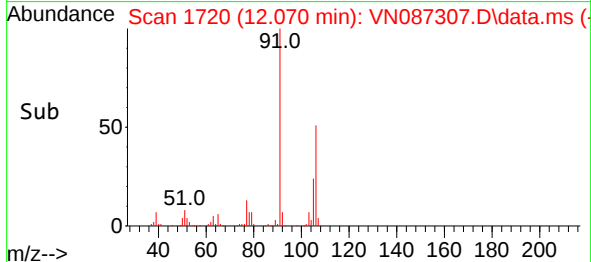
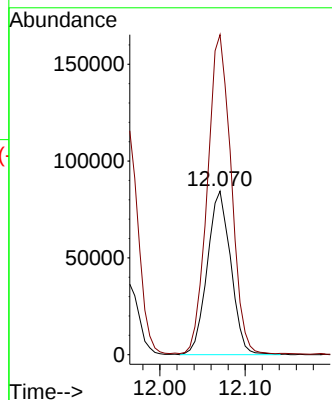
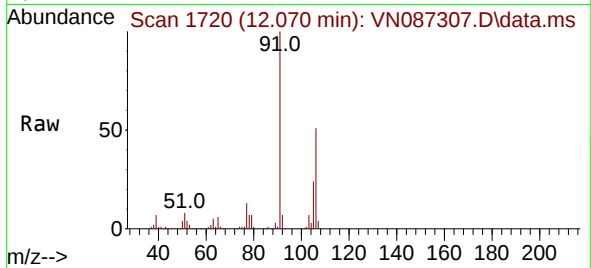




#67
m/p-Xylenes
Concen: 35.908 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

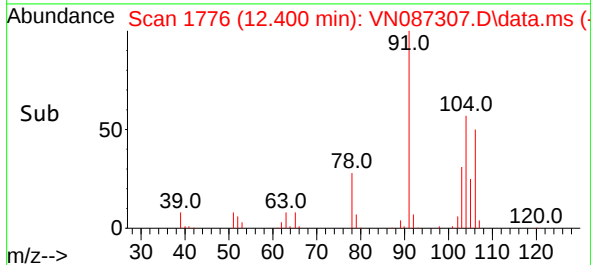
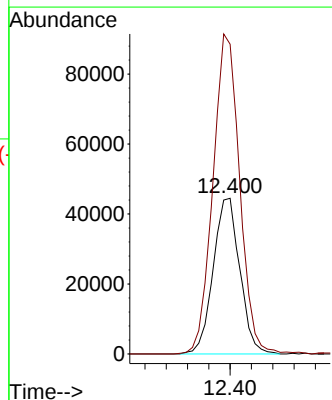
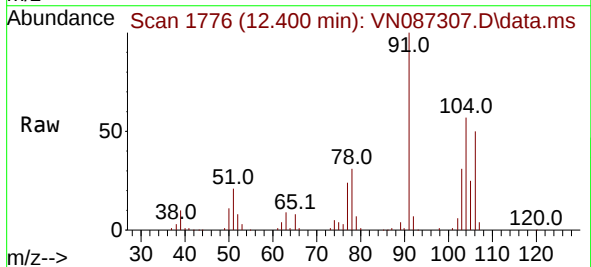
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

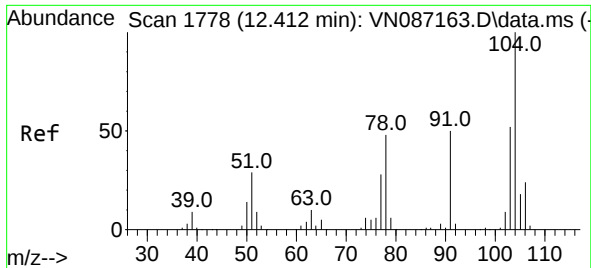
Tgt Ion:106 Resp: 162011
Ion Ratio Lower Upper
106 100
91 197.8 163.0 244.4



#68
o-Xylene
Concen: 17.936 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion:106 Resp: 77207
Ion Ratio Lower Upper
106 100
91 205.8 107.1 321.1

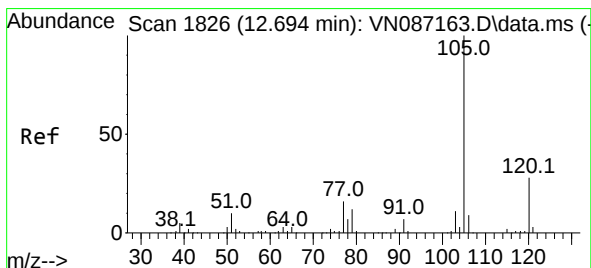
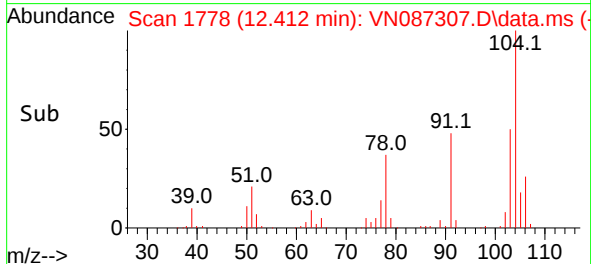
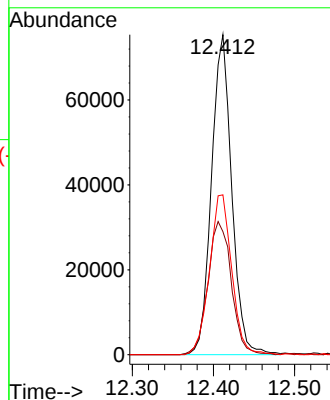
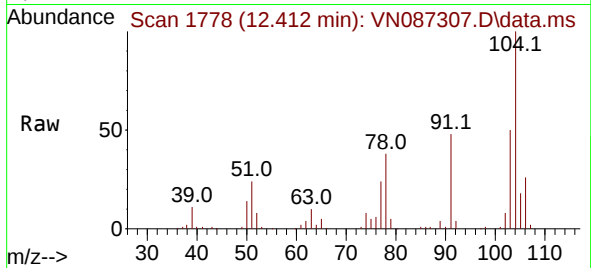




#69
Styrene
Concen: 17.669 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

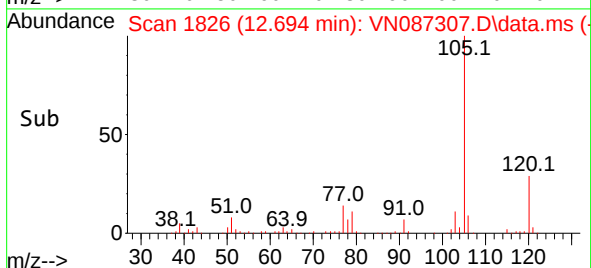
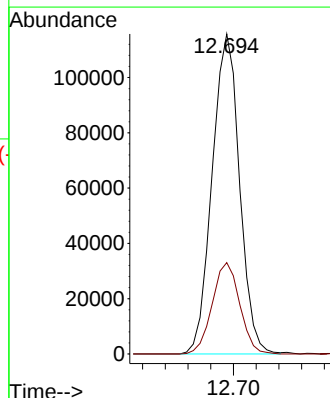
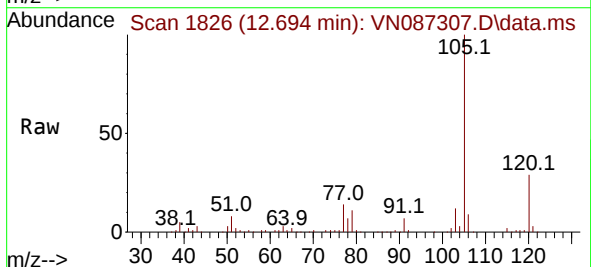
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

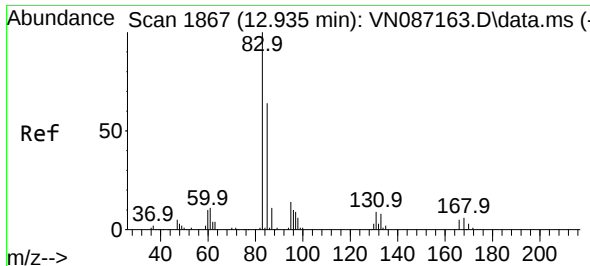
Tgt Ion:104 Resp: 130571
Ion Ratio Lower Upper
104 100
78 48.2 39.8 59.8
103 55.1 44.2 66.4



#70
Isopropylbenzene
Concen: 18.087 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion:105 Resp: 193899
Ion Ratio Lower Upper
105 100
120 28.6 19.0 35.2

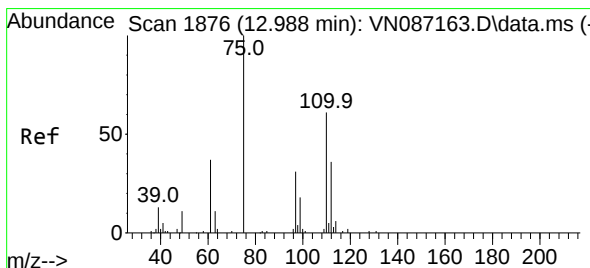
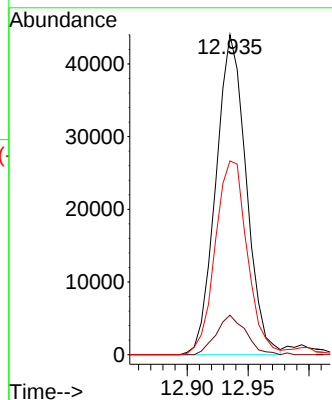
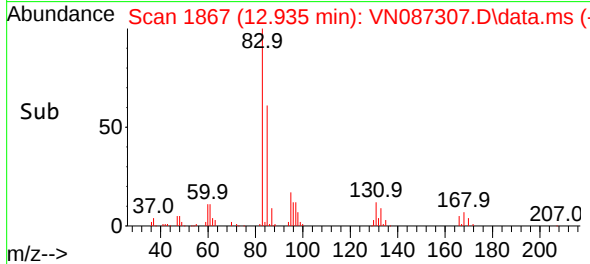
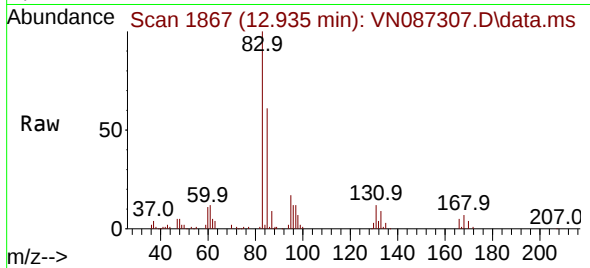




#71
1,1,2,2-Tetrachloroethane
Concen: 19.757 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

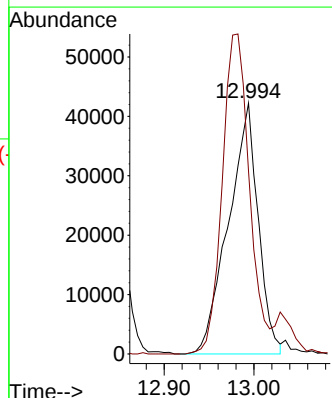
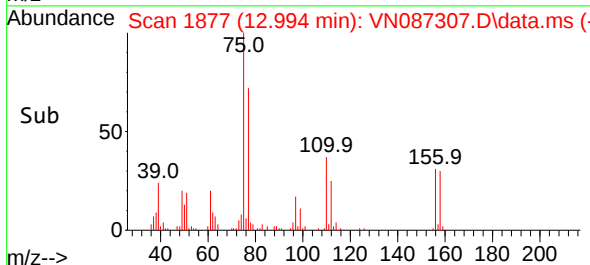
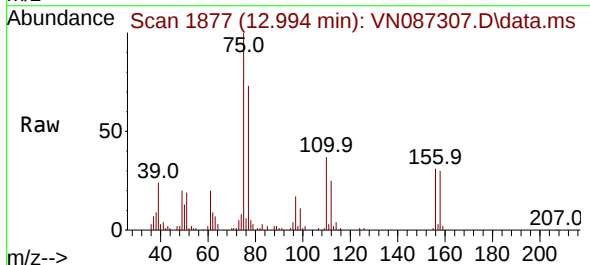
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

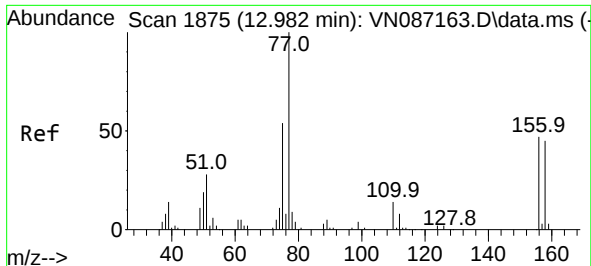
Tgt Ion: 83 Resp: 76238
Ion Ratio Lower Upper
83 100
131 12.0 4.5 13.4
85 63.9 31.3 93.9



#72
1,2,3-Trichloropropane
Concen: 29.123 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 75 Resp: 96910
Ion Ratio Lower Upper
75 100
77 116.7 0.0 379.2

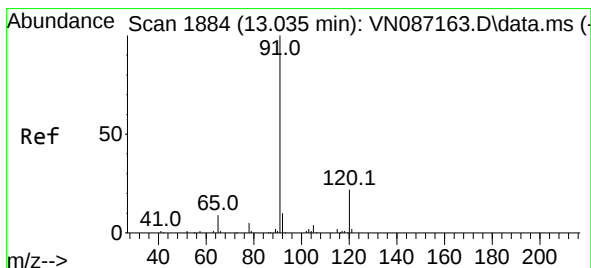
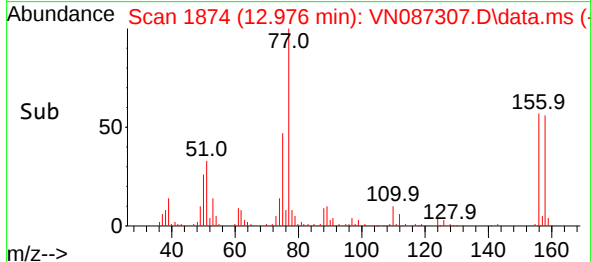
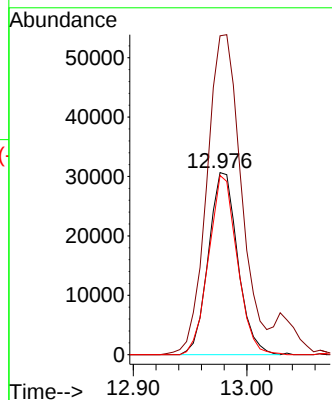
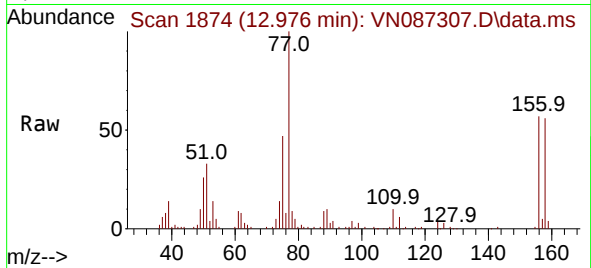




#73
Bromobenzene
Concen: 21.138 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

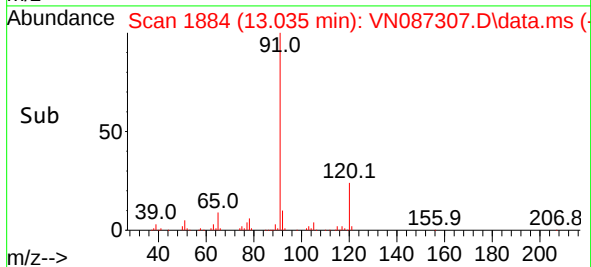
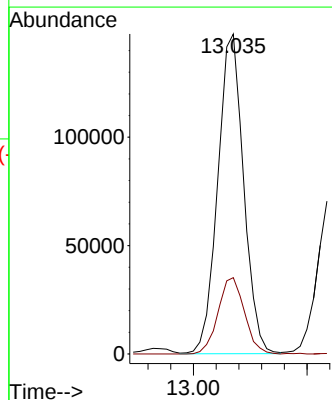
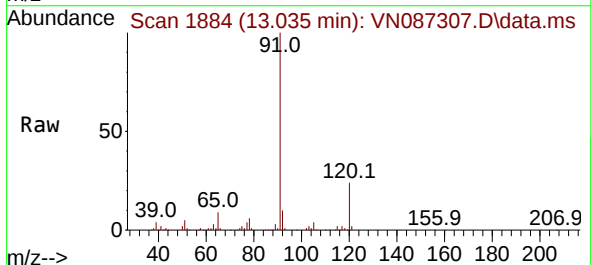
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

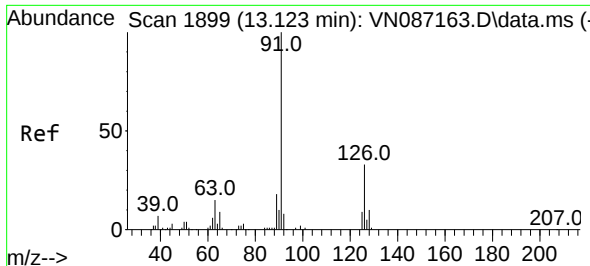
Tgt Ion:156 Resp: 54969
Ion Ratio Lower Upper
156 100
77 205.8 0.0 489.0
158 95.9 0.0 195.2



#74
n-propylbenzene
Concen: 17.826 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 91 Resp: 233461
Ion Ratio Lower Upper
91 100
120 24.3 0.0 43.6

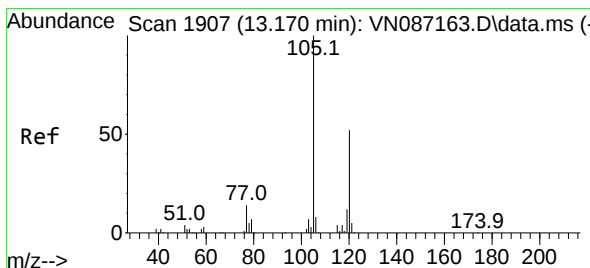
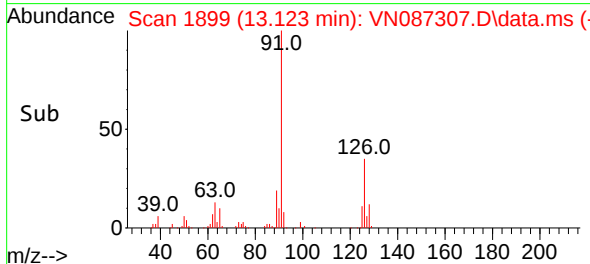
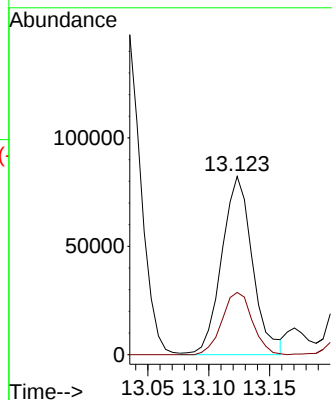
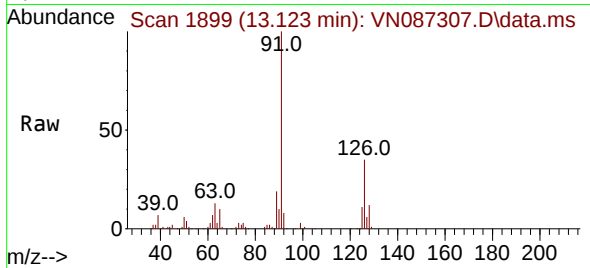




#75
2-Chlorotoluene
Concen: 18.306 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

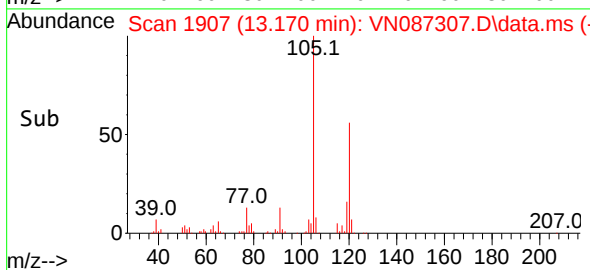
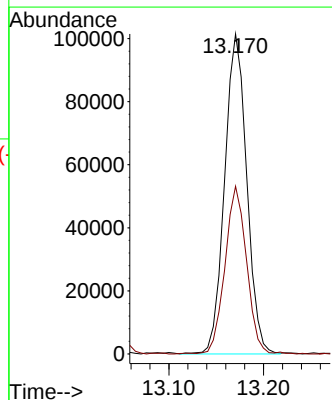
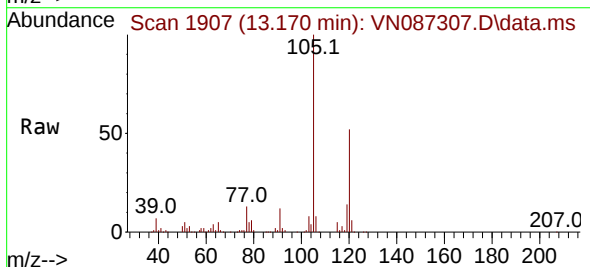
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ClientSampleId :
VN0709WBS01

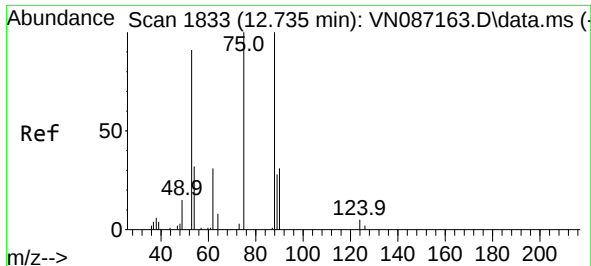
Tgt Ion: 91 Resp: 144842
Ion Ratio Lower Upper
91 100
126 34.5 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 18.863 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 105 Resp: 164627
Ion Ratio Lower Upper
105 100
120 50.9 0.0 100.8

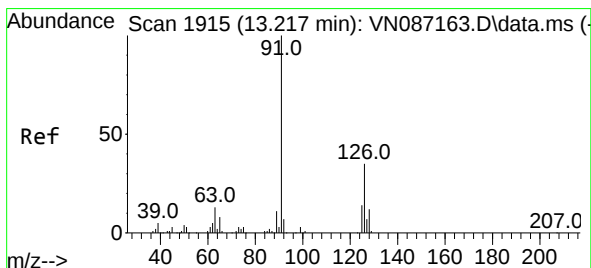
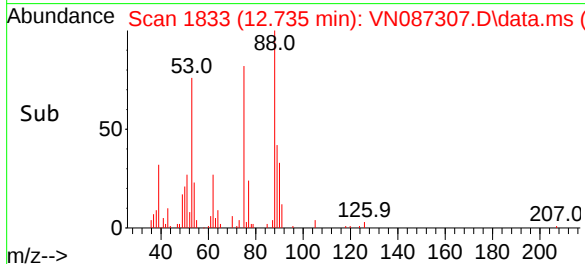
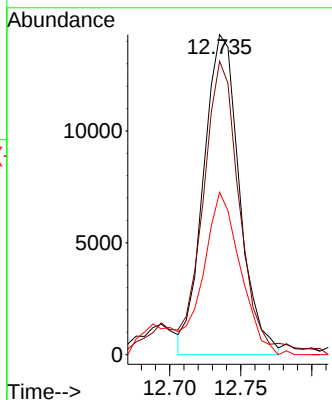
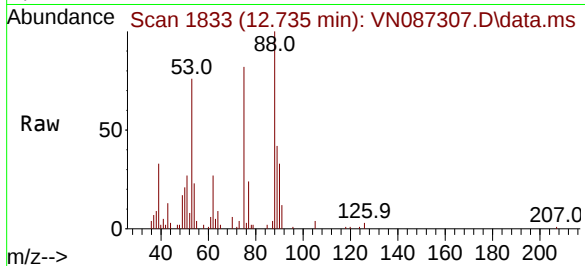




#77
t-1,4-Dichloro-2-butene
Concen: 17.052 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

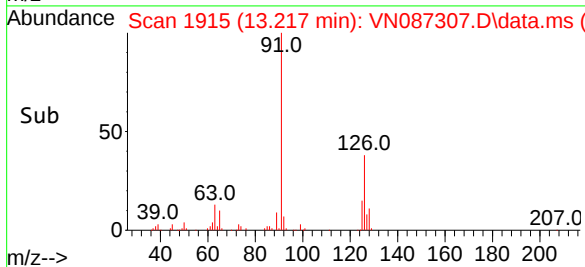
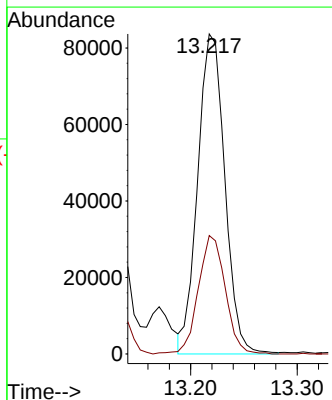
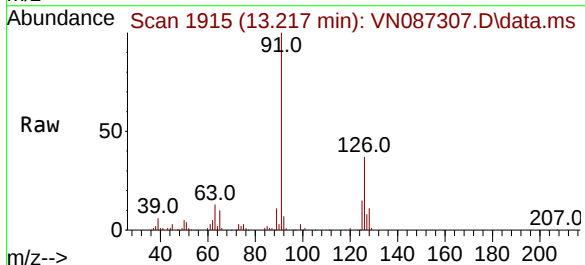
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

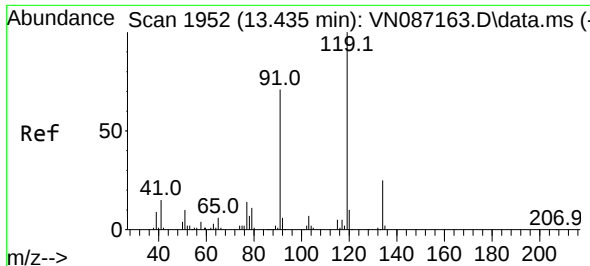
Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.1	45.9	137.6
89	51.8	22.3	66.9



#78
4-Chlorotoluene
Concen: 18.278 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	0.0	65.2

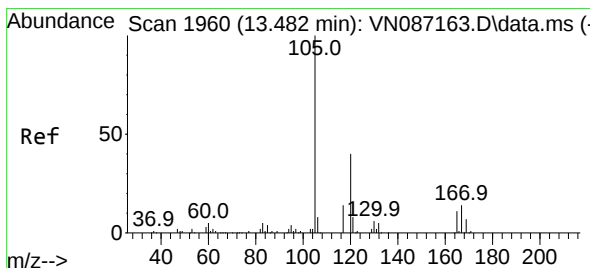
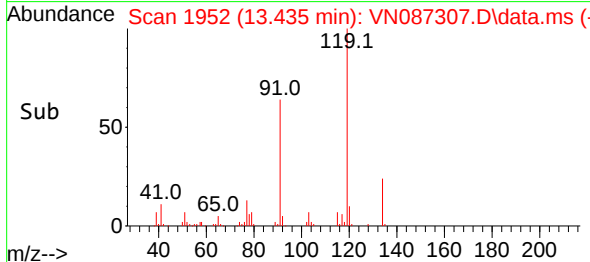
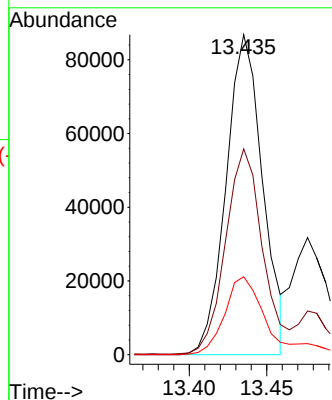
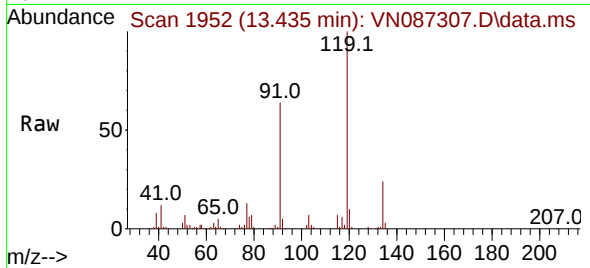




#79
tert-butylbenzene
Concen: 19.412 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

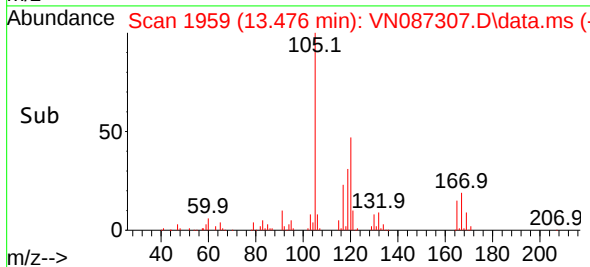
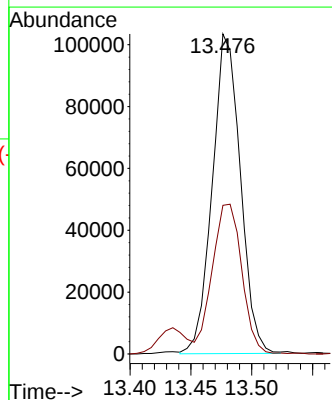
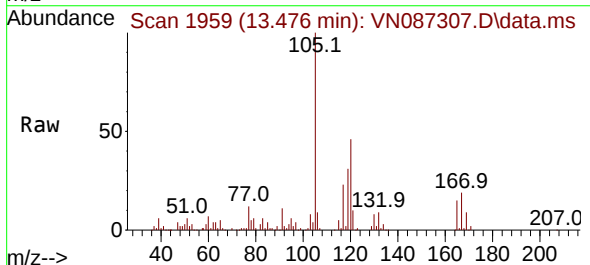
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

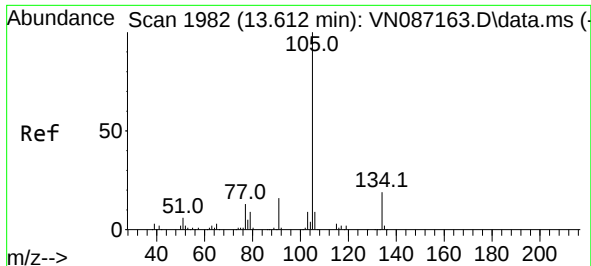
Tgt Ion:119 Resp: 142409
Ion Ratio Lower Upper
119 100
91 65.3 0.0 137.0
134 25.3 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 18.911 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion:105 Resp: 165733
Ion Ratio Lower Upper
105 100
120 49.2 0.0 94.0

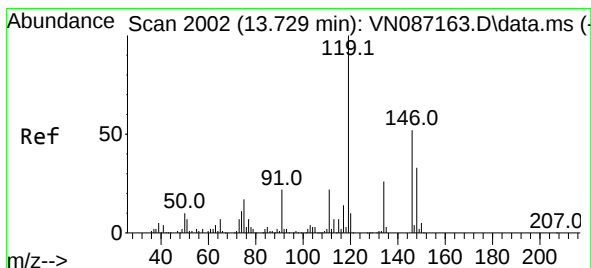
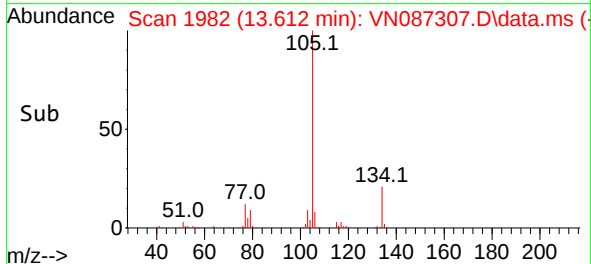
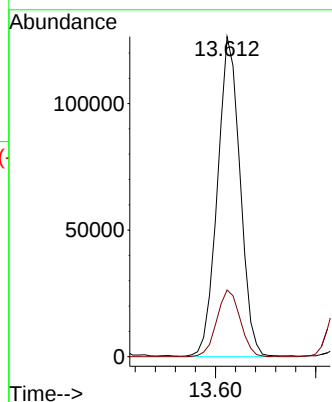
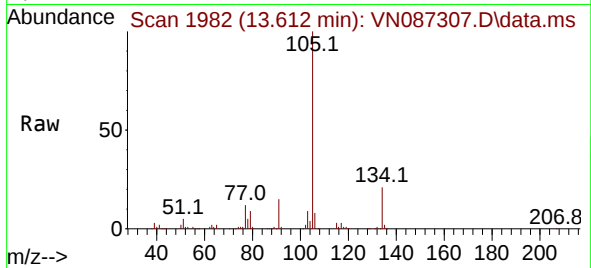




#81
 sec-Butylbenzene
 Concen: 18.590 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

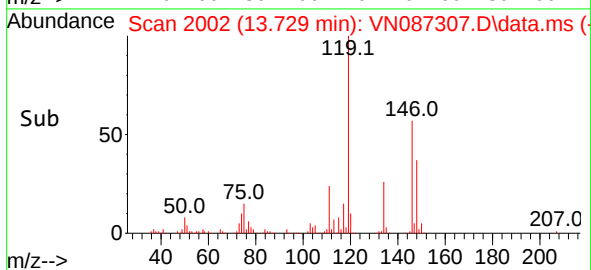
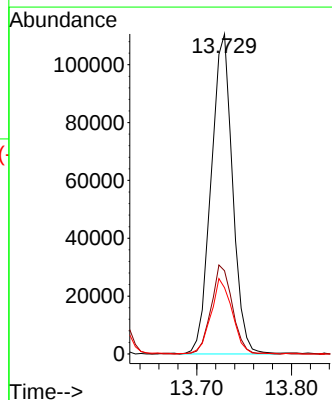
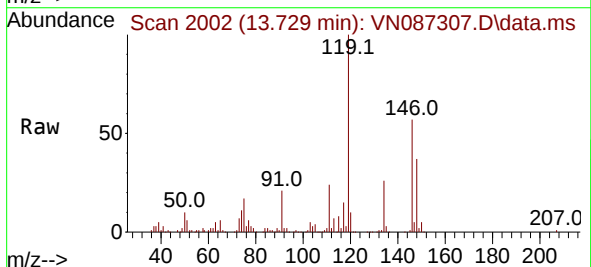
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

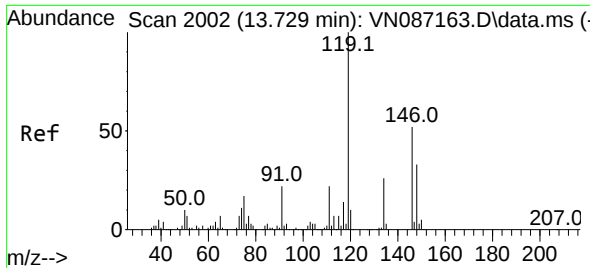
Tgt Ion:105 Resp: 198246
 Ion Ratio Lower Upper
 105 100
 134 21.4 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 19.586 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

Tgt Ion:119 Resp: 173819
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 51.2
 91 23.3 0.0 46.4

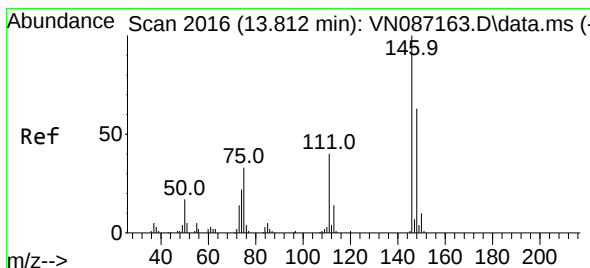
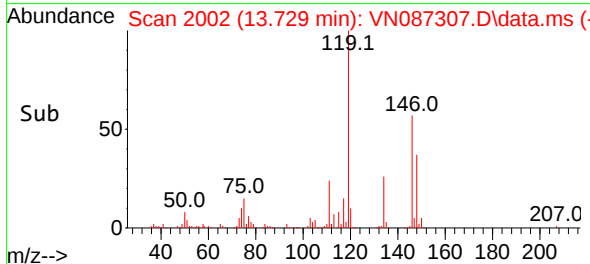
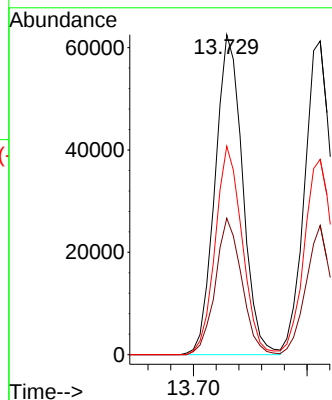
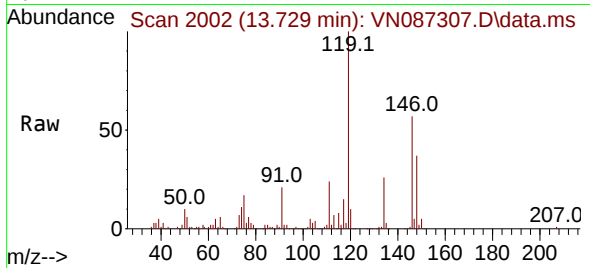




#83
 1,3-Dichlorobenzene
 Concen: 21.055 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

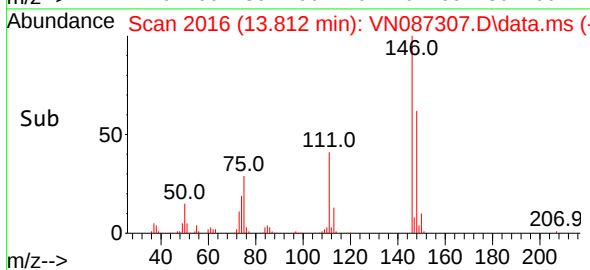
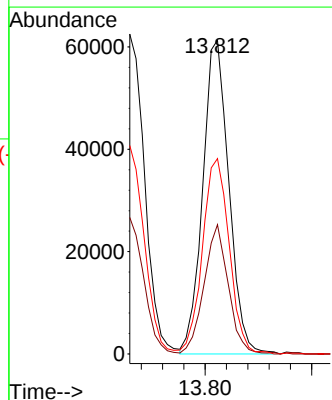
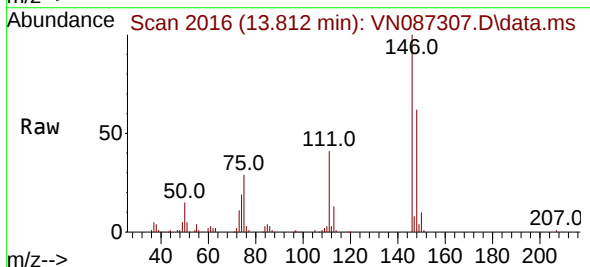
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

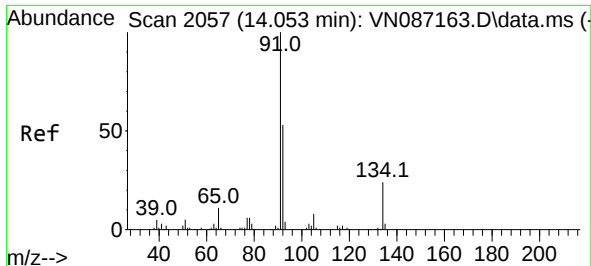
Tgt Ion:146 Resp: 105439
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.1 63.3
 148 63.6 31.6 94.8



#84
 1,4-Dichlorobenzene
 Concen: 20.741 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087307.D
 Acq: 09 Jul 2025 11:46

Tgt Ion:146 Resp: 104535
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.1 60.2
 148 63.8 31.4 94.2

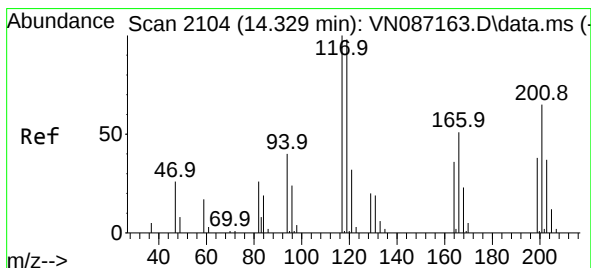
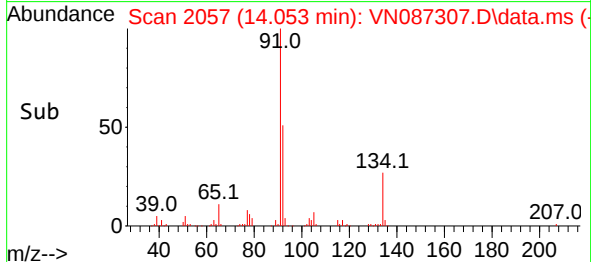
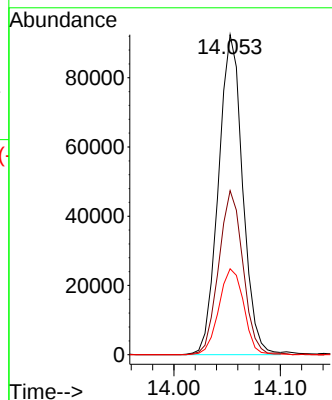
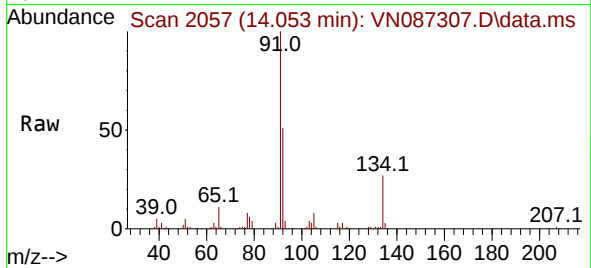




#85
n-Butylbenzene
Concen: 18.003 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

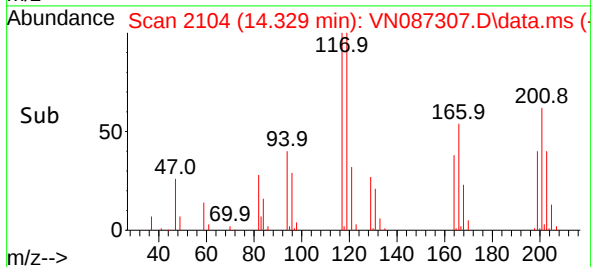
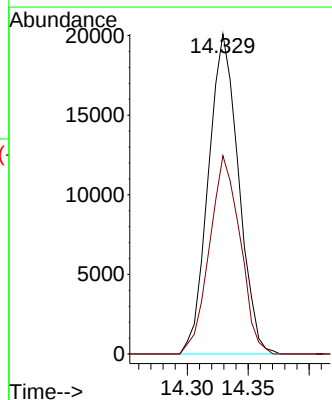
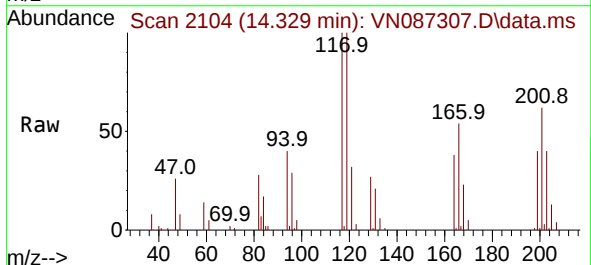
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

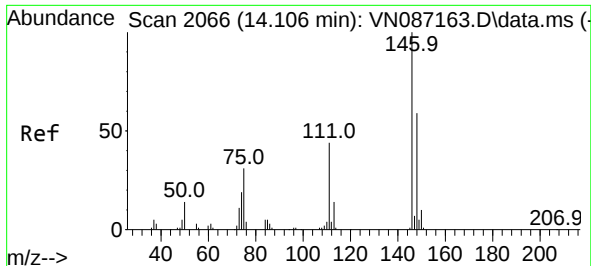
Tgt Ion: 91 Resp: 145775
Ion Ratio Lower Upper
91 100
92 51.1 0.0 106.4
134 27.5 0.0 48.8



#86
Hexachloroethane
Concen: 20.672 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion: 117 Resp: 34727
Ion Ratio Lower Upper
117 100
201 62.7 30.8 92.3





#87

1,2-Dichlorobenzene

Concen: 21.209 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

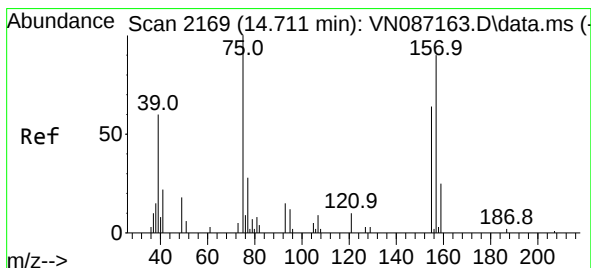
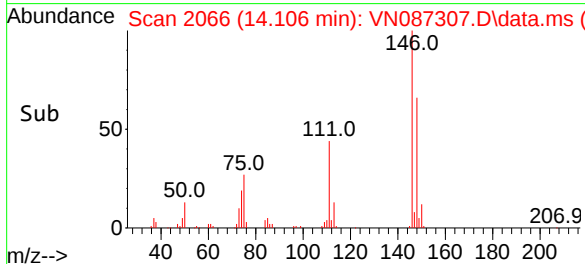
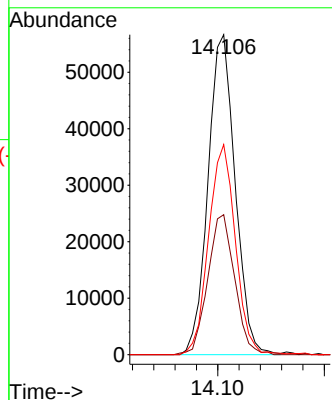
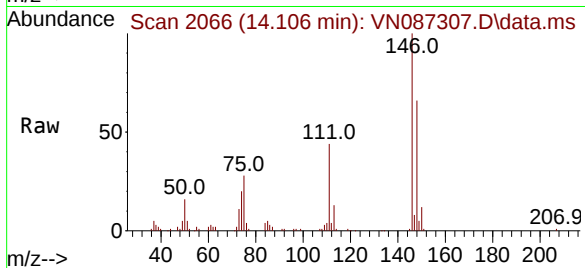
Tgt Ion:146 Resp: 100145

Ion Ratio Lower Upper

146 100

111 43.3 22.1 66.1

148 64.3 31.6 95.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.477 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.012 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

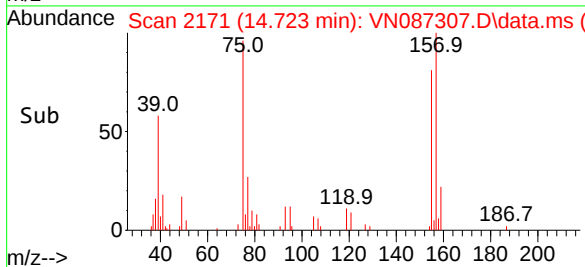
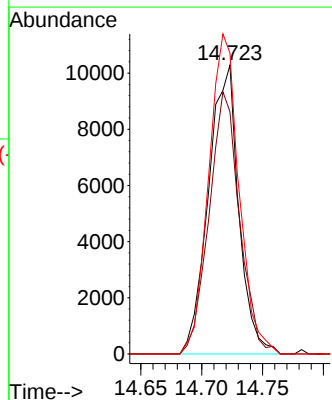
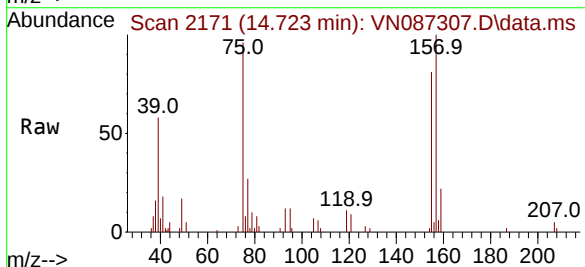
Tgt Ion: 75 Resp: 17792

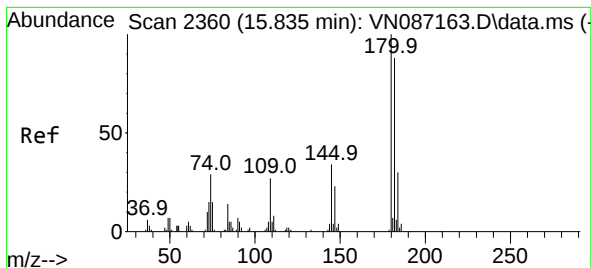
Ion Ratio Lower Upper

75 100

155 91.1 58.3 87.5#

157 111.0 79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 20.216 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

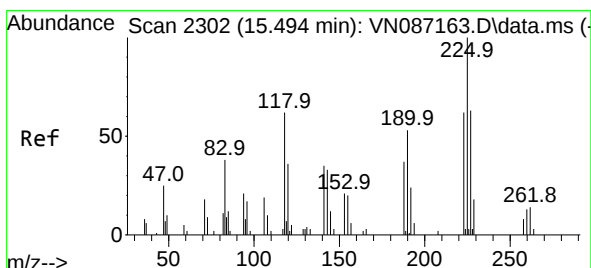
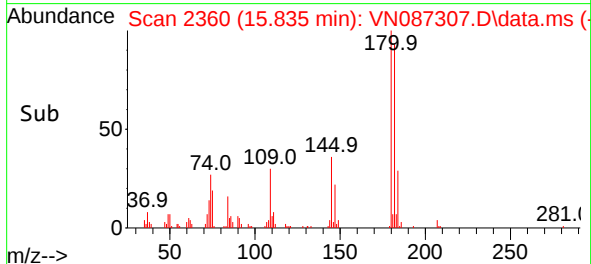
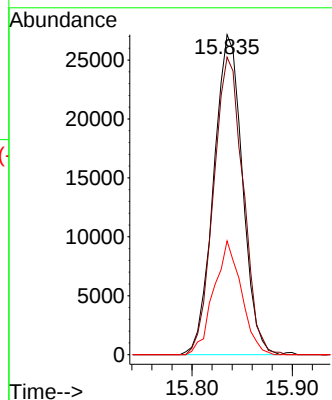
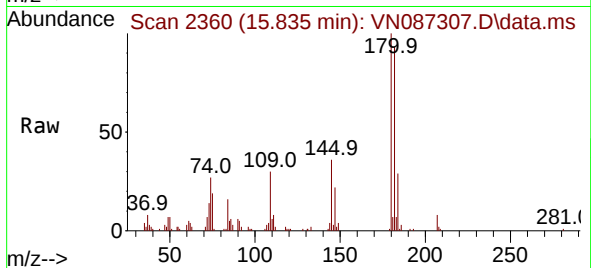
Tgt Ion:180 Resp: 54005

Ion Ratio Lower Upper

180 100

182 95.3 74.2 111.2

145 34.1 27.6 41.4



#90

Hexachlorobutadiene

Concen: 20.919 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN087307.D

Acq: 09 Jul 2025 11:46

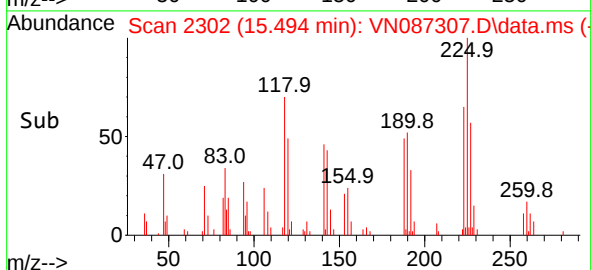
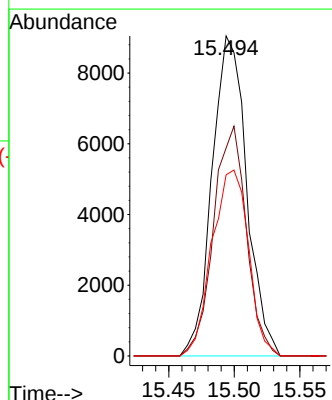
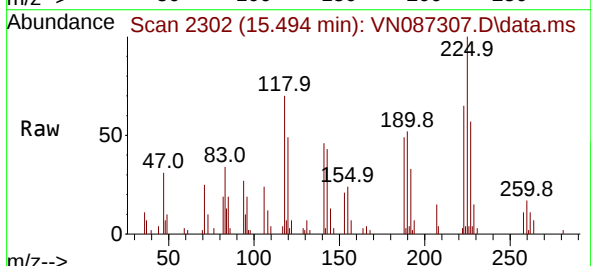
Tgt Ion:225 Resp: 16583

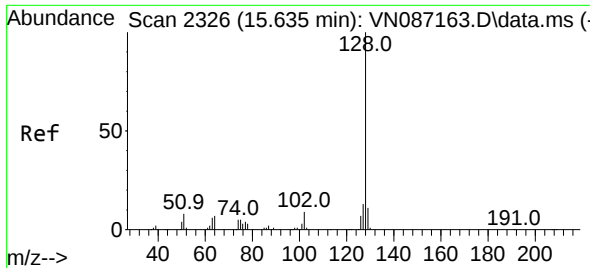
Ion Ratio Lower Upper

225 100

223 68.1 0.0 134.2

227 61.3 0.0 122.6

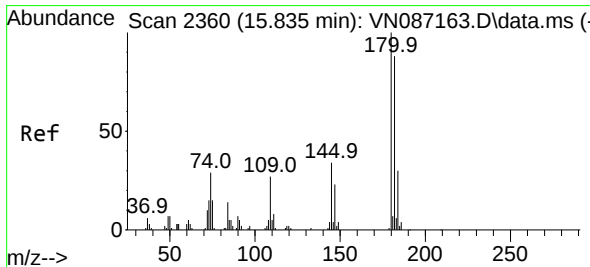
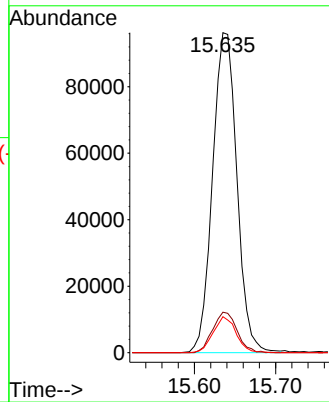
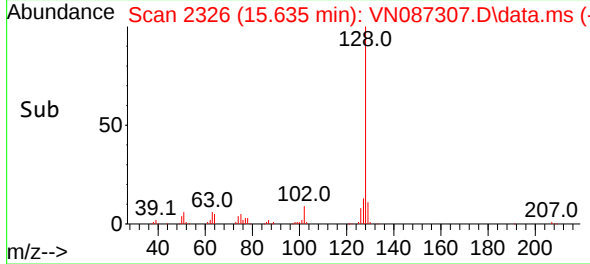
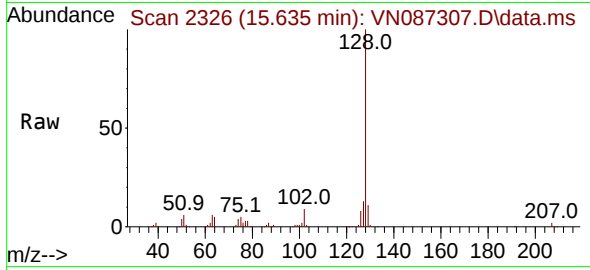




#91
Naphthalene
Concen: 19.074 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

Tgt Ion:	128	Resp:	200537
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	10.6	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.216 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087307.D
Acq: 09 Jul 2025 11:46

Tgt Ion:	180	Resp:	54005
Ion Ratio	Lower	Upper	
180	100		
182	95.3	0.0	185.4
145	34.1	0.0	69.0

