

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087162.D
 Acq On : 25 Jun 2025 08:59
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 25 15:23:53 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	7.824	128	35930	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	205072	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	186292	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	86000	31.768	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.900%	
60) 4-Bromofluorobenzene	12.847	95	81752	28.438	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.800%	
63) Toluene-d8	10.565	98	258286	30.879	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	11802	5.457	ug/l	96
3) Chloromethane	2.401	50	12062	5.460	ug/l	94
4) Vinyl Chloride	2.554	62	12853	5.353	ug/l	96
5) Bromomethane	2.995	94	7218	5.665	ug/l	91
6) Chloroethane	3.153	64	6828	5.302	ug/l #	84
7) Trichlorofluoromethane	3.524	101	15836	5.377	ug/l	96
8) Diethyl Ether	3.983	74	7465	5.159	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	11626	5.325	ug/l	97
10) 1,1-Dichloroethene	4.365	96	11558	5.310	ug/l	97
11) Methyl Iodide	4.618	142	6687	3.429	ug/l	96
12) Methyl Acetate	5.047	43	16869	4.941	ug/l	100
13) Acrolein	4.200	56	11876	22.639	ug/l	97
14) Acrylonitrile	5.742	53	39359	24.716	ug/l	98
15) Acetone	4.459	58	12676	27.289	ug/l	78
16) Carbon Disulfide	4.742	76	36612	5.753	ug/l	98
17) Allyl chloride	5.047	41	18516	5.158	ug/l	91
18) Methylene Chloride	5.295	84	14009	5.556	ug/l	95
19) trans-1,2-Dichloroethene	5.806	96	13122	5.513	ug/l	93
20) Diisopropyl ether	6.683	45	37574	4.933	ug/l	95
21) 1,1-Dichloroethane	6.583	63	25040	5.501	ug/l	99
22) cis-1,2-Dichloroethene	7.500	96	13914	5.023	ug/l	96
23) tert-Butyl Alcohol	5.542	59	9663	16.135	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	38602	5.057	ug/l	98
25) Chloroform	7.977	83	23358	5.356	ug/l	99
26) Cyclohexane	8.259	56	18712	4.945	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	16196	5.067	ug/l	99
30) 2-Butanone	7.494	43	49880	23.134	ug/l	100
31) 2,2-Dichloropropane	7.500	77	19968	5.175	ug/l	96
32) 1,1,1-Trichloroethane	8.183	97	19246	5.154	ug/l	97
33) Carbon Tetrachloride	8.177	117	1569	0.499	ug/l	91
34) Benzene	8.612	78	53867	5.320	ug/l #	91
35) Methacrylonitrile	7.777	41	4847	2.231	ug/l	92
36) 1,2-Dichloroethane	8.677	62	17661	5.398	ug/l	99
37) Trichloroethene	9.359	130	12692	5.434	ug/l	85
38) Methylcyclohexane	9.600	83	18613	5.075	ug/l	97
39) 1,2-Dichloropropane	9.624	63	13584	5.345	ug/l	94
40) Dibromomethane	9.712	93	9171	5.307	ug/l	96
41) Bromodichloromethane	9.888	83	18357	5.262	ug/l	99
42) Vinyl Acetate	6.618	43	172005	24.527	ug/l	100

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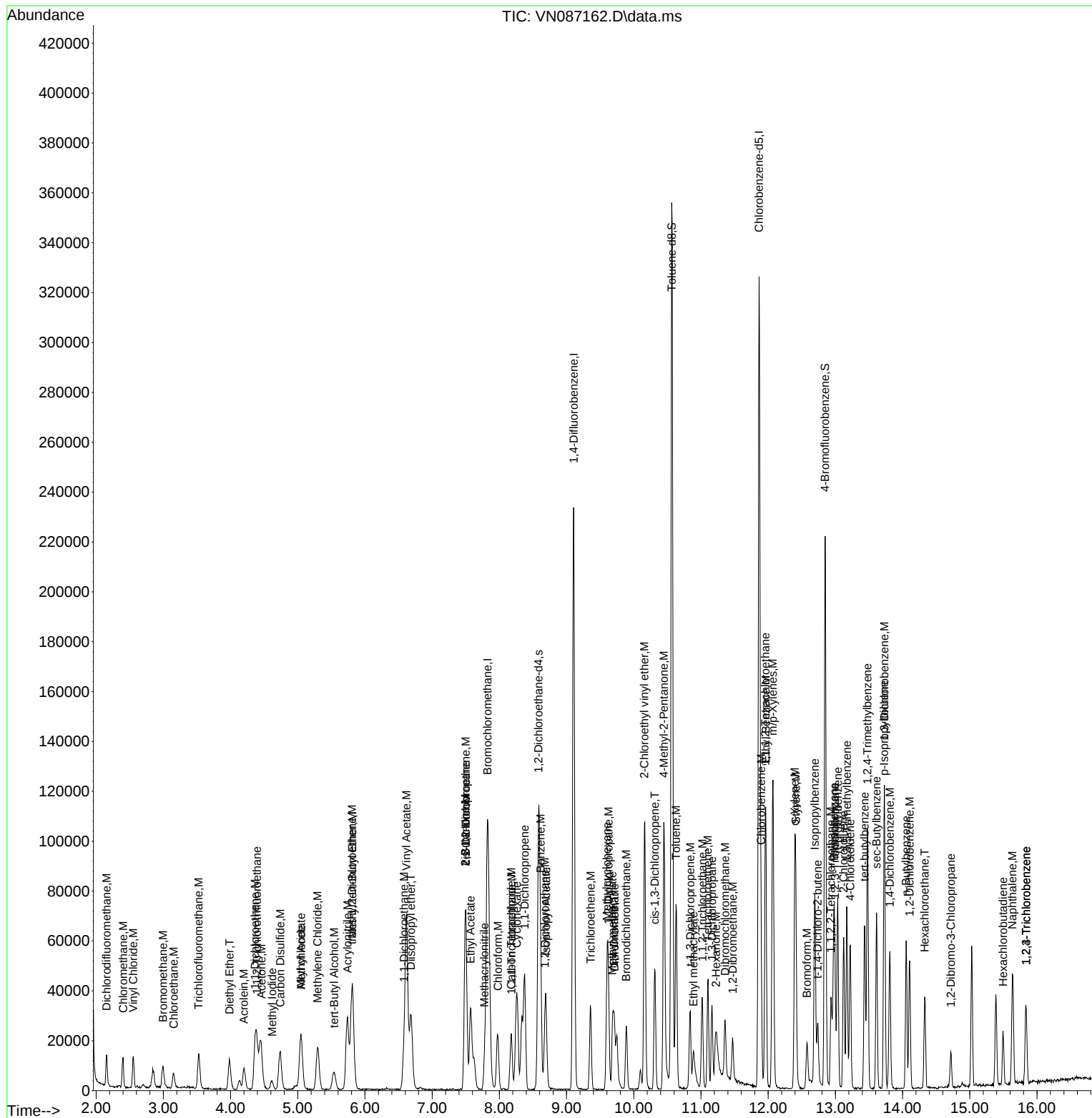
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	15610	4.011	ug/l	95
44) Isopropyl Acetate	8.694	43	32041	5.053	ug/l	98
45) 1,4-Dioxane	9.706	88	3765	87.766	ug/l	85
46) Methyl methacrylate	9.682	41	14340	4.864	ug/l	88
48) t-1,3-Dichloropropene	10.841	75	18916	4.864	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	21045	5.091	ug/l	92
50) 1,1,2-Trichloroethane	11.024	97	13266	5.404	ug/l	90
51) Ethyl methacrylate	10.888	69	13043	3.491	ug/l	95
52) 1,3-Dichloropropane	11.165	76	21815	5.176	ug/l	100
53) Dibromochloromethane	11.359	129	12745	4.946	ug/l	98
54) 1,2-Dibromoethane	11.471	107	13009	5.136	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	50795	23.716	ug/l	99
56) Bromoform	12.576	173	8824	4.981	ug/l #	93
58) 4-Methyl-2-Pentanone	10.447	43	86443	23.081	ug/l	99
59) 2-Hexanone	11.224	43	33104	13.689	ug/l	95
61) Tetrachloroethene	11.100	164	10375	5.624	ug/l	91
62) Toluene	10.629	91	57093	5.426	ug/l	99
64) Chlorobenzene	11.894	112	35274	5.256	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	11689	5.271	ug/l	98
66) Ethyl Benzene	11.965	91	57341	4.979	ug/l	97
67) m/p-Xylenes	12.071	106	43110	9.769	ug/l	97
68) o-Xylene	12.394	106	20187	4.795	ug/l	97
69) Styrene	12.412	104	33711	4.664	ug/l	99
70) Isopropylbenzene	12.694	105	50380	4.805	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	19389	5.137	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	24758	7.607	ug/l	52
73) Bromobenzene	12.982	156	12917	5.078	ug/l	91
74) n-propylbenzene	13.035	91	59601	4.653	ug/l	100
75) 2-Chlorotoluene	13.123	91	38061	4.918	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	39593	4.638	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	6495	4.499	ug/l	95
78) 4-Chlorotoluene	13.223	91	37874	4.778	ug/l	99
79) tert-butylbenzene	13.435	119	31816	4.434	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	38448	4.485	ug/l	98
81) sec-Butylbenzene	13.612	105	48920	4.690	ug/l	99
82) p-Isopropyltoluene	13.723	119	37999	4.378	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	24271	4.955	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	24573	4.985	ug/l	99
85) n-Butylbenzene	14.053	91	34704	4.382	ug/l	98
86) Hexachloroethane	14.329	117	8365	5.091	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	22335	4.836	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	4038	4.751	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	12402	4.746	ug/l	99
90) Hexachlorobutadiene	15.494	225	3815	4.920	ug/l	97
91) Naphthalene	15.635	128	44237	4.302	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	12402	4.746	ug/l	99

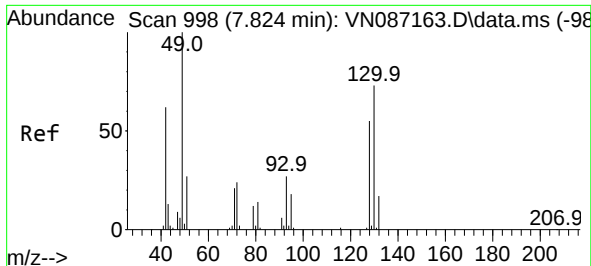
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Instrument :
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 ClientSampleId :
 VSTDIC005

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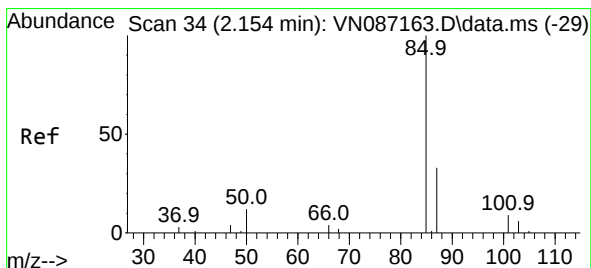
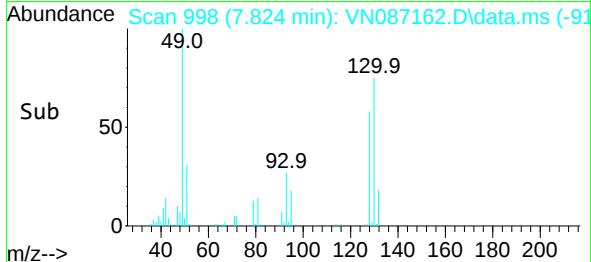
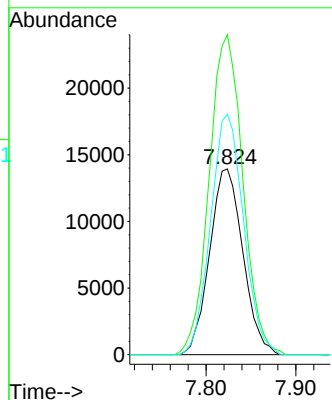
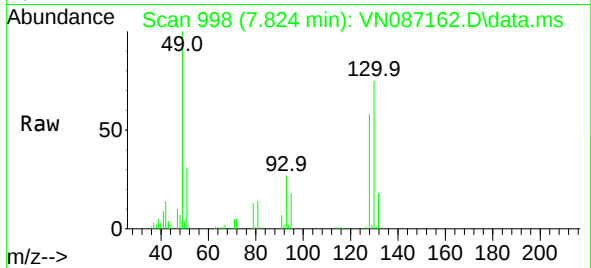




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087162.D
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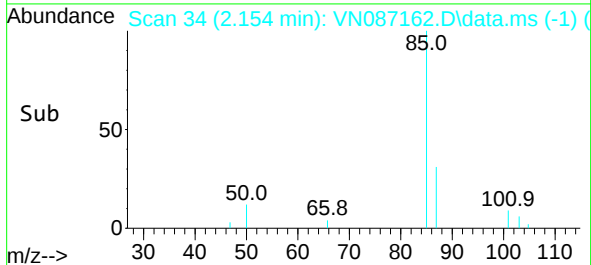
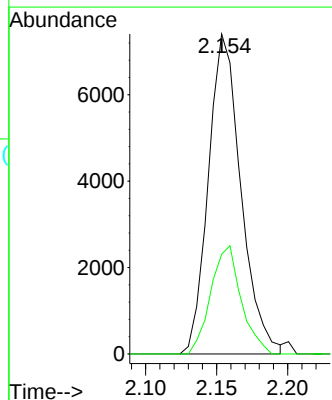
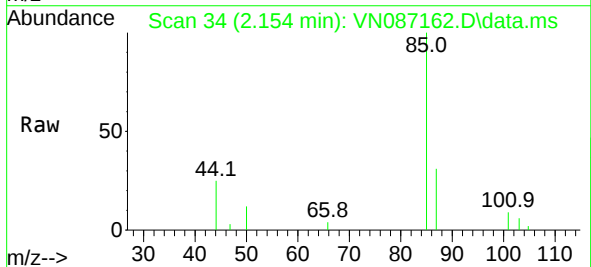
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ClientSampleId :
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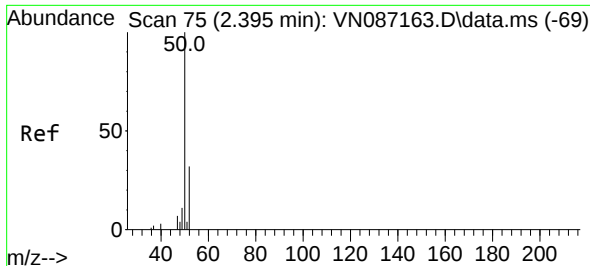
Tgt Ion:128 Resp: 35930
Ion Ratio Lower Upper
128 100
49 173.9 0.0 450.5
130 128.3 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 5.457 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 85 Resp: 11802
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.0

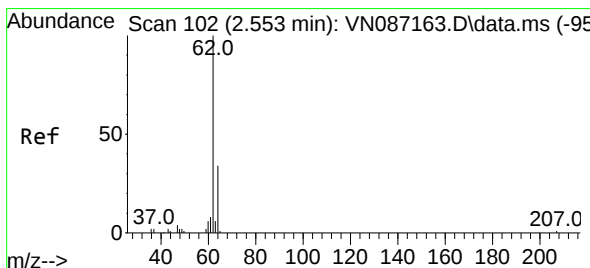
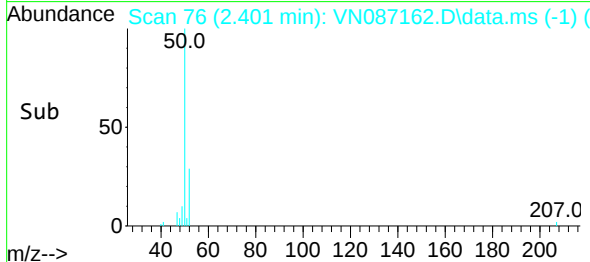
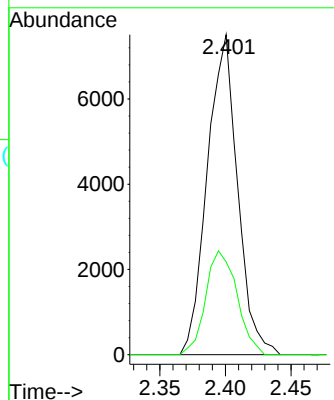
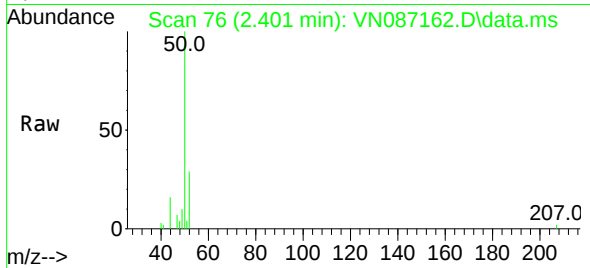




#3
Chloromethane
Concen: 5.460 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

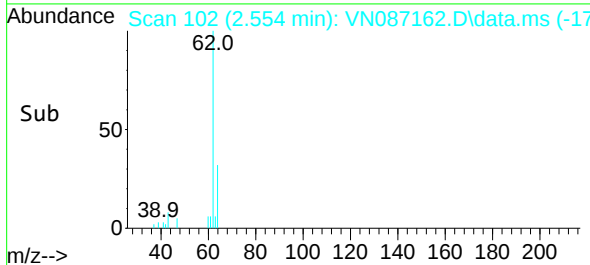
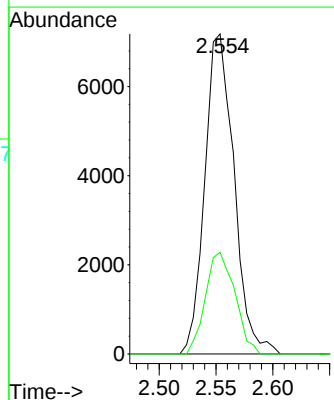
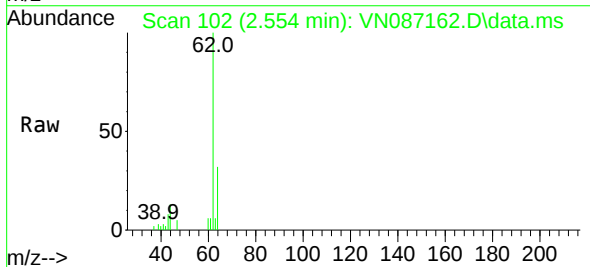
Instrument :
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VSTDICC005

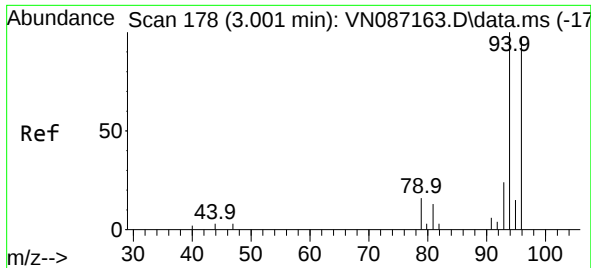
Tgt Ion: 50 Resp: 12062
Ion Ratio Lower Upper
50 100
52 29.0 25.9 38.9



#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 62 Resp: 12853
Ion Ratio Lower Upper
62 100
64 31.8 27.4 41.2

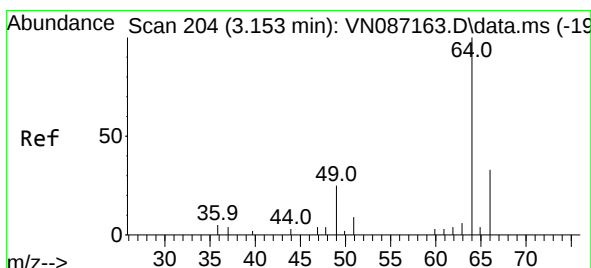
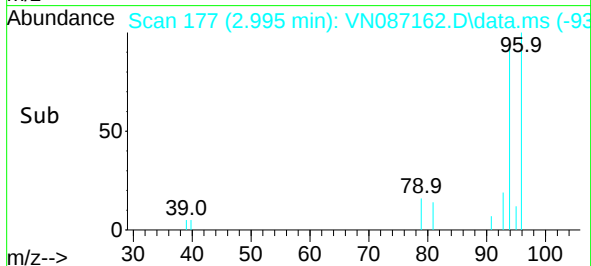
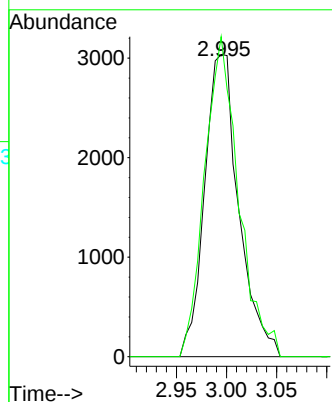
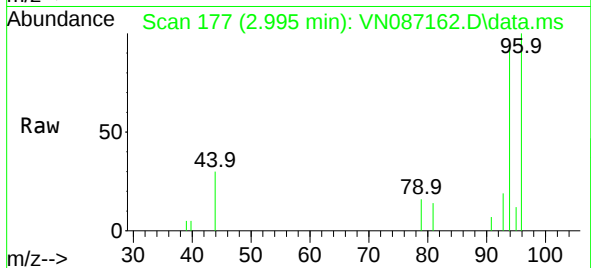




#5
Bromomethane
Concen: 5.665 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087162.D
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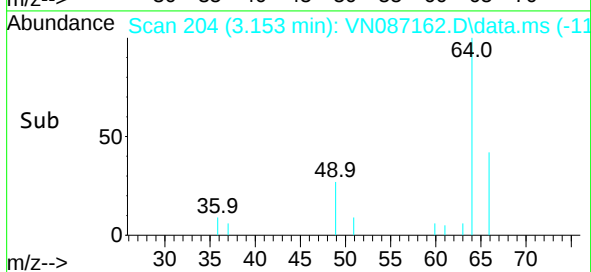
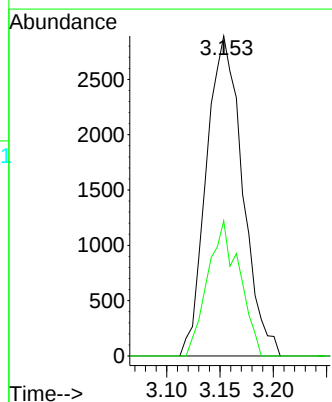
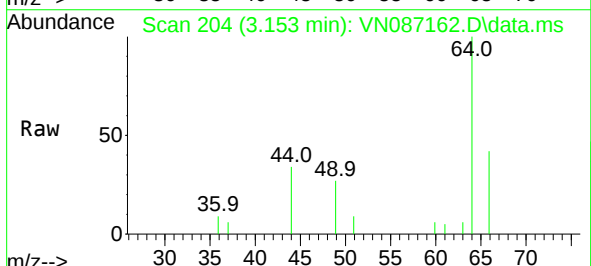
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

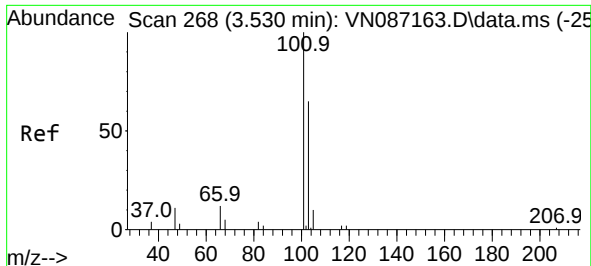
Tgt Ion: 94 Resp: 7218
Ion Ratio Lower Upper
94 100
96 105.9 77.9 116.9



#6
Chloroethane
Concen: 5.302 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 64 Resp: 6828
Ion Ratio Lower Upper
64 100
66 42.2 26.4 39.6#

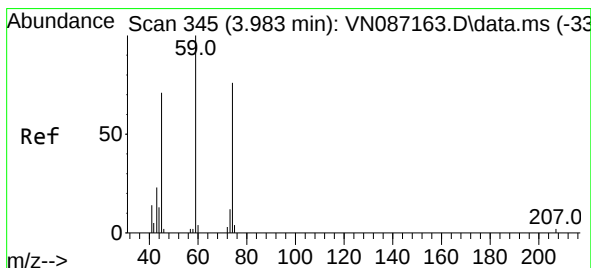
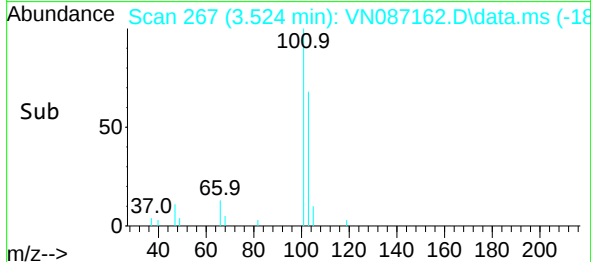
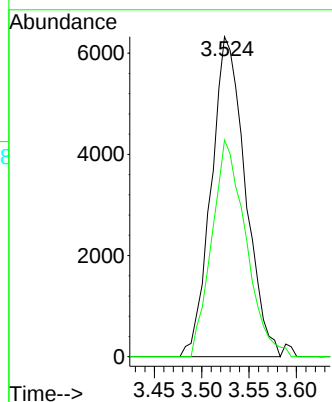
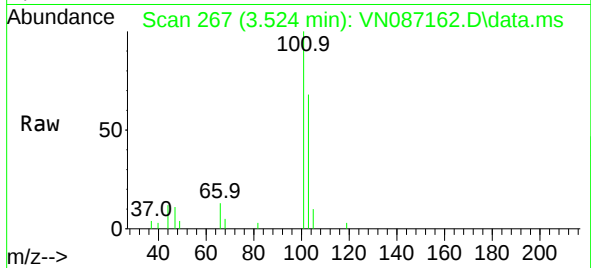




#7
 Trichlorofluoromethane
 Concen: 5.377 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.006 min
 Lab File: VN087162.D
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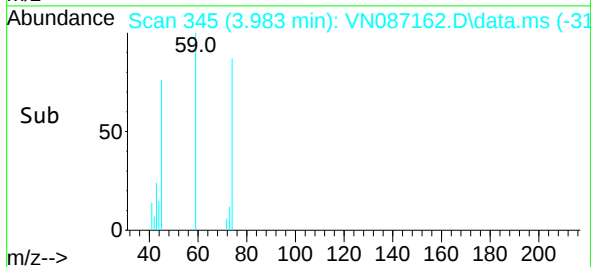
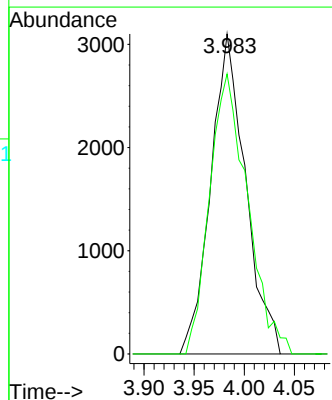
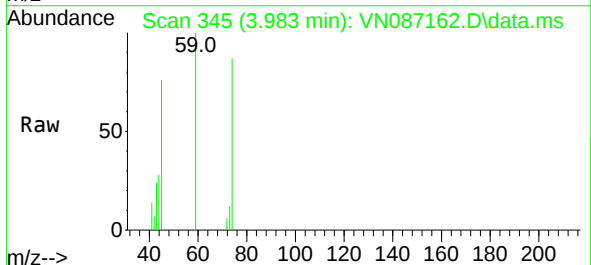
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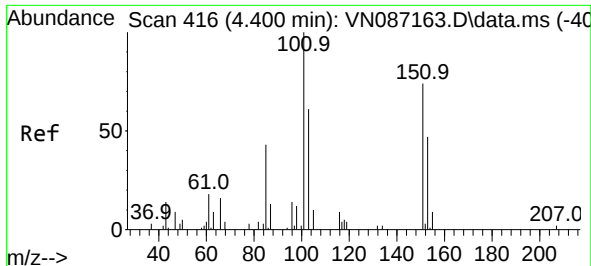
Tgt Ion:101 Resp: 15836
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.8 77.8



#8
 Diethyl Ether
 Concen: 5.159 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Tgt Ion: 74 Resp: 7465
 Ion Ratio Lower Upper
 74 100
 45 95.7 19.0 171.0

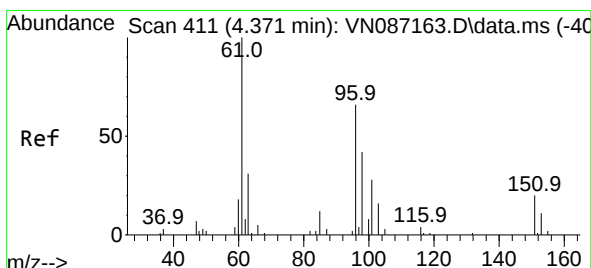
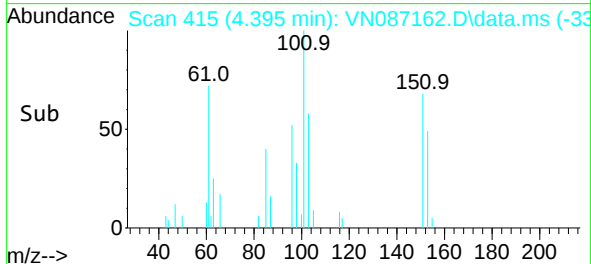
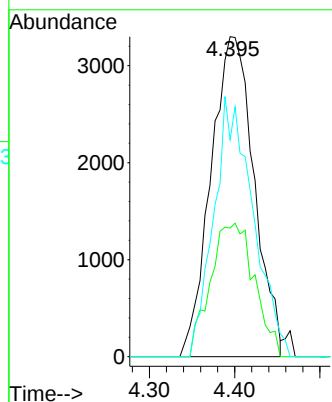
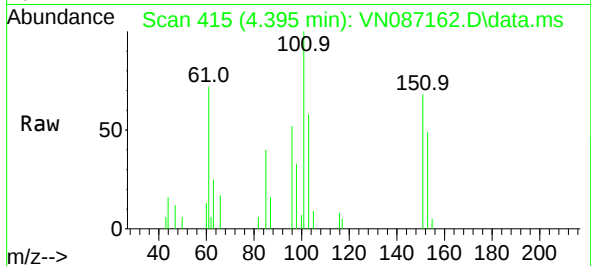




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.325 ug/l
RT: 4.395 min Scan# 41
Delta R.T. -0.006 min
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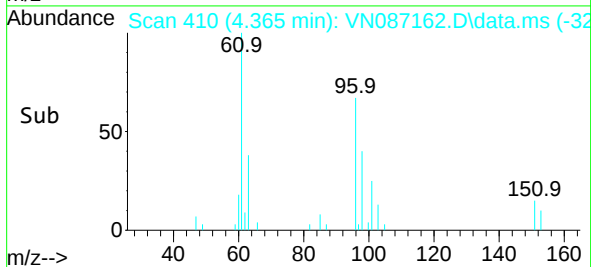
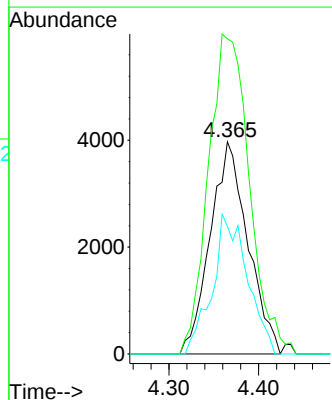
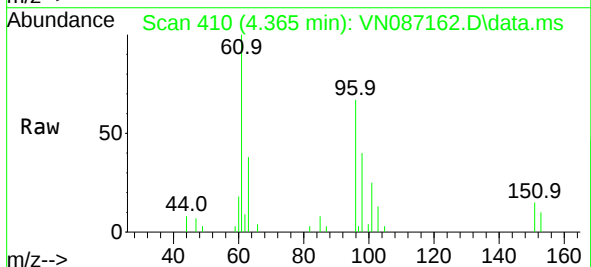
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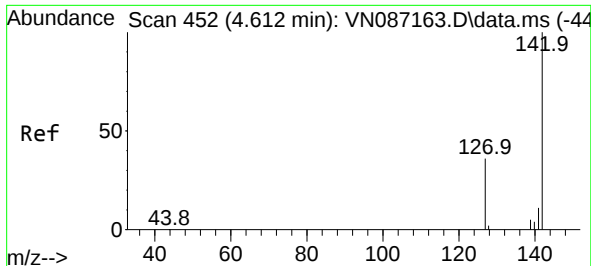
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Ion Ratio Lower Upper
101 100
85 21.0 0.0 40.6
151 73.8 0.0 141.2



#10
1,1-Dichloroethene
Concen: 5.310 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

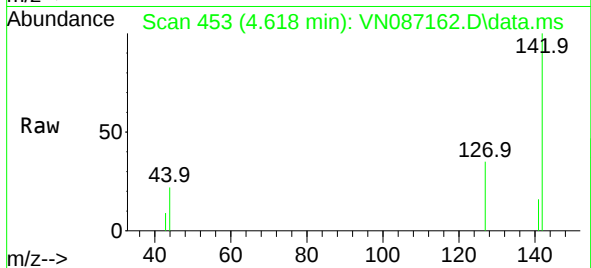
Tgt Ion: 96 Resp: 11558
Ion Ratio Lower Upper
96 100
61 148.6 122.0 183.0
98 60.1 50.3 75.5



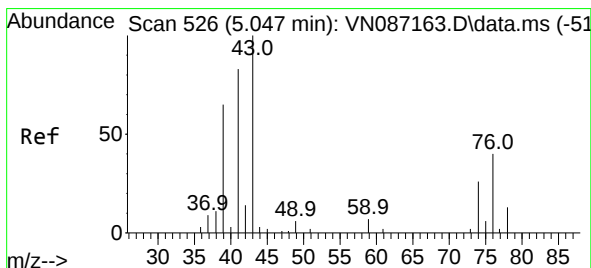
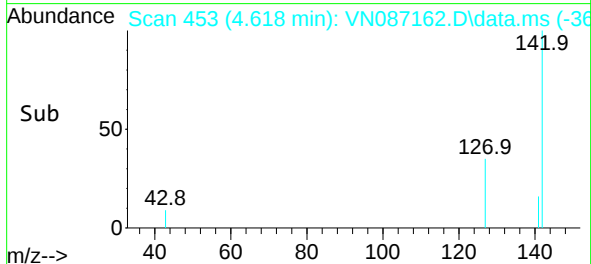
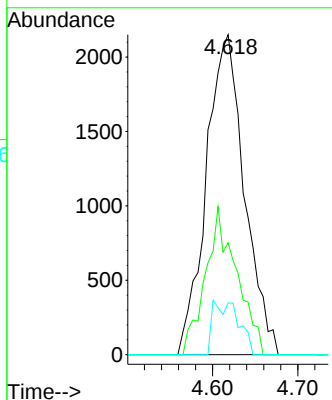


#11
Methyl Iodide
Concen: 3.429 ug/l
RT: 4.618 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

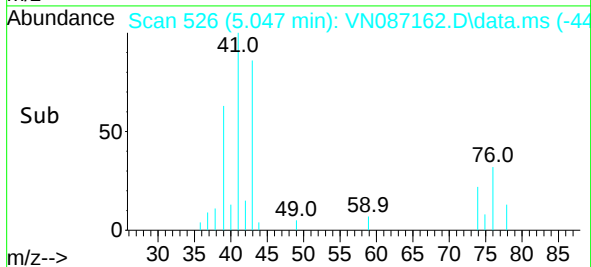
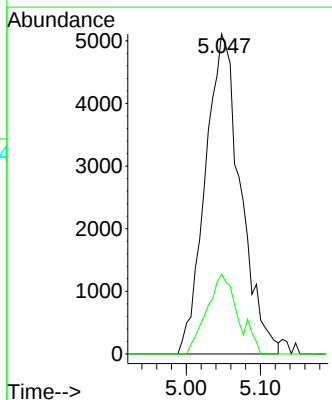
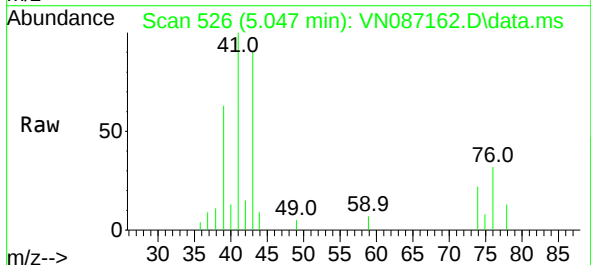


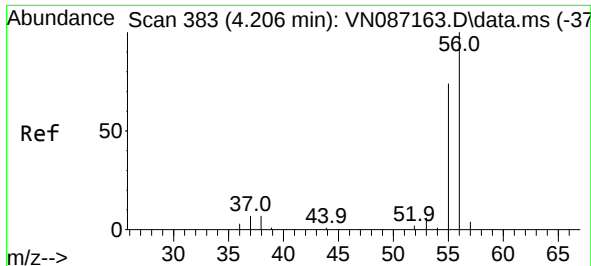
Tgt Ion:142 Resp: 6687
Ion Ratio Lower Upper
142 100
127 35.0 18.1 54.1
141 16.1 5.7 17.1



#12
Methyl Acetate
Concen: 4.941 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 43 Resp: 16869
Ion Ratio Lower Upper
43 100
74 25.5 20.3 30.5

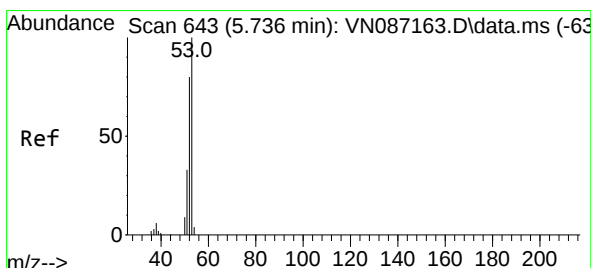
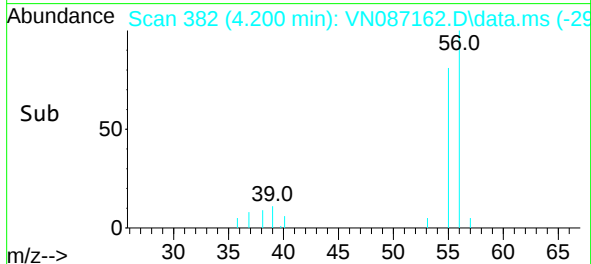
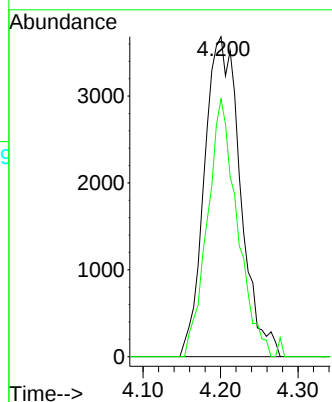
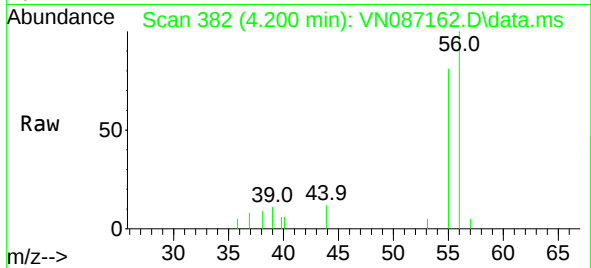




#13
Acrolein
Concen: 22.639 ug/l
RT: 4.200 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

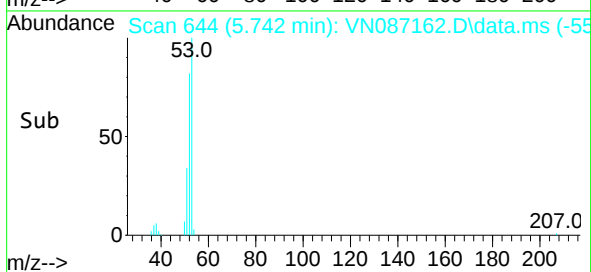
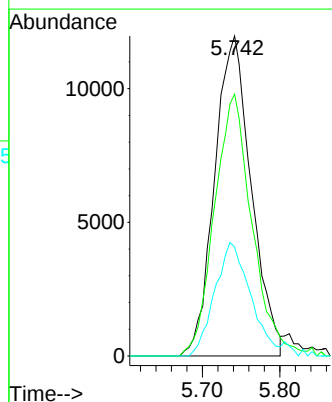
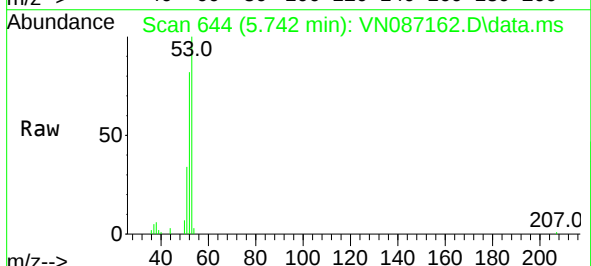
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

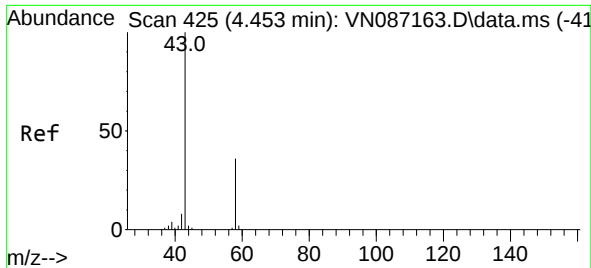
Tgt Ion: 56 Resp: 11876
Ion Ratio Lower Upper
56 100
55 67.1 55.7 83.5



#14
Acrylonitrile
Concen: 24.716 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 53 Resp: 39359
Ion Ratio Lower Upper
53 100
52 83.5 40.5 121.5
51 34.6 16.9 50.7





#15

Acetone

Concen: 27.289 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

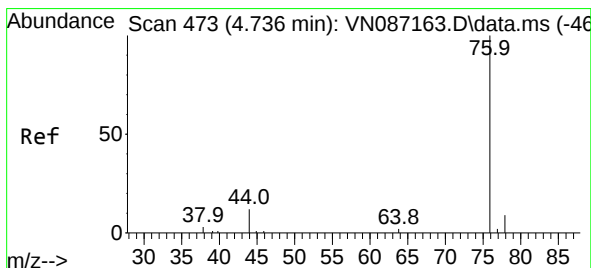
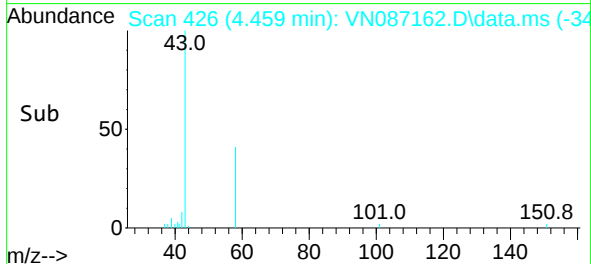
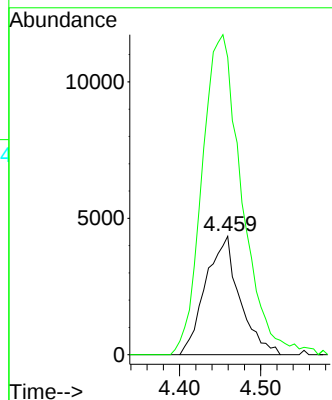
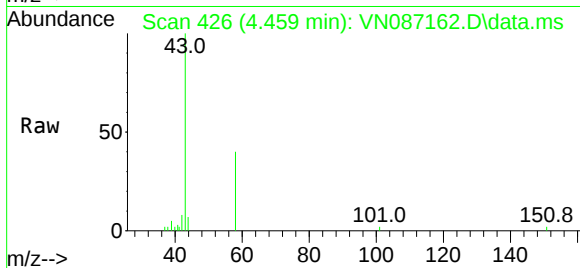
VSTDICC005

Tgt Ion: 58 Resp: 12676

Ion Ratio Lower Upper

58 100

43 239.4 224.3 336.5



#16

Carbon Disulfide

Concen: 5.753 ug/l

RT: 4.742 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN087162.D

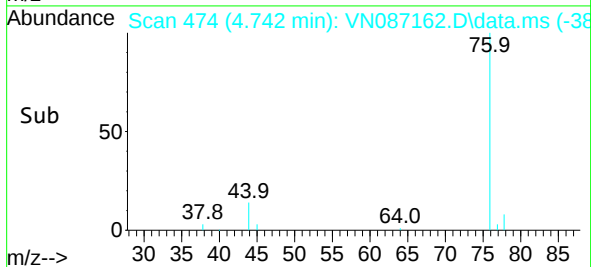
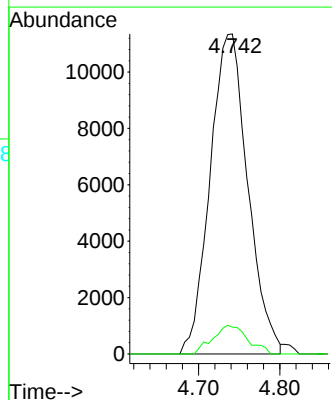
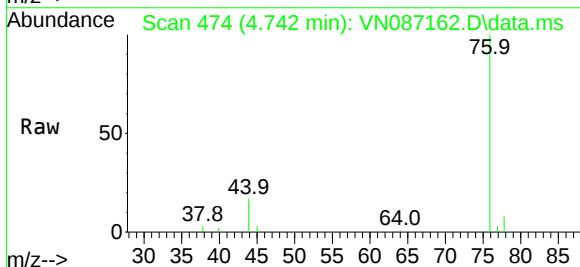
Acq: 25 Jun 2025 08:59

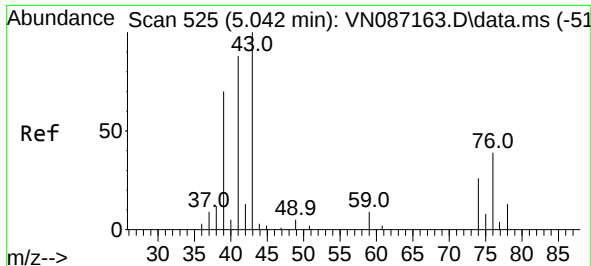
Tgt Ion: 76 Resp: 36612

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8

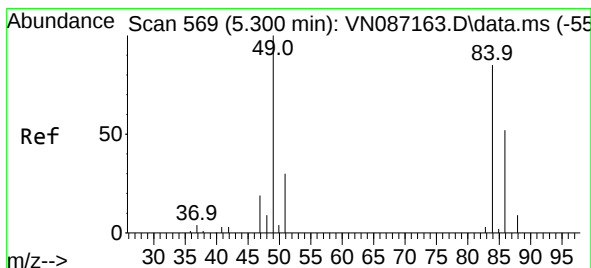
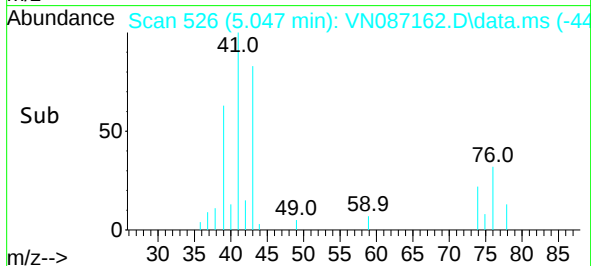
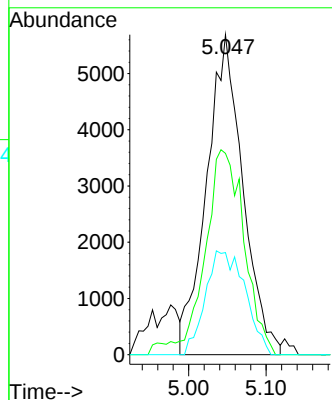
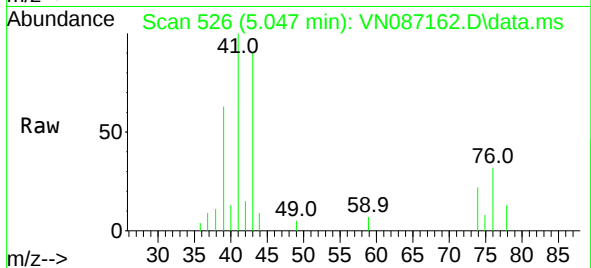




#17
 Allyl chloride
 Concen: 5.158 ug/l
 RT: 5.047 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

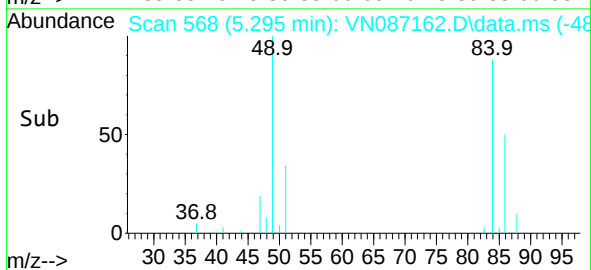
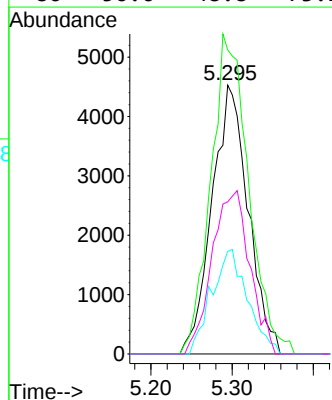
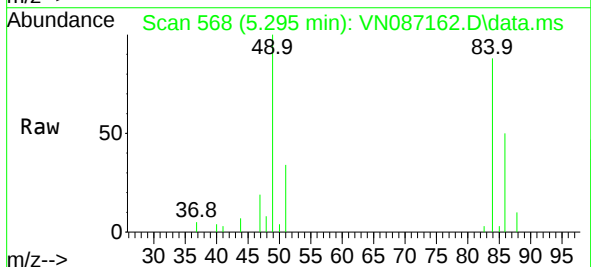
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

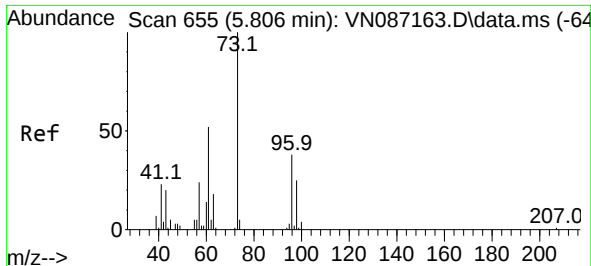
Tgt Ion:	41	Resp:	18516
Ion	Ratio	Lower	Upper
41	100		
39	64.8	36.0	108.0
76	32.8	19.5	58.5



#18
 Methylene Chloride
 Concen: 5.556 ug/l
 RT: 5.295 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Tgt Ion:	84	Resp:	14009
Ion	Ratio	Lower	Upper
84	100		
49	113.1	94.0	141.0
51	38.1	28.3	42.5
86	56.6	48.8	73.2





#19

trans-1,2-Dichloroethene

Concen: 5.513 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

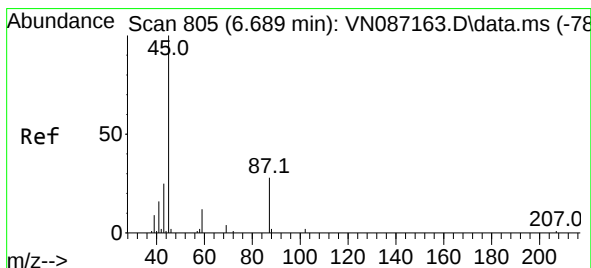
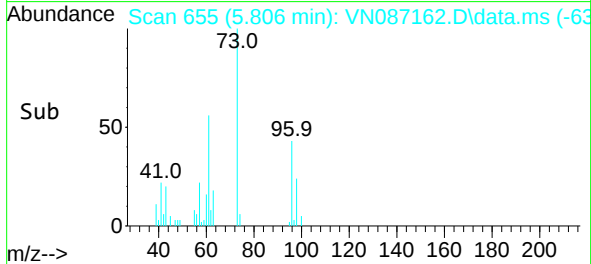
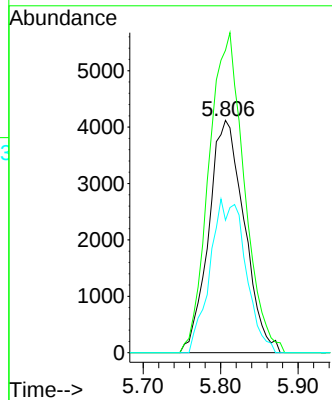
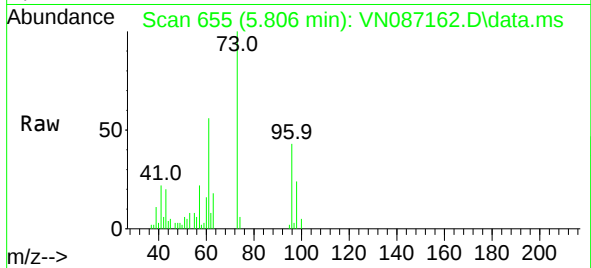
Tgt Ion: 96 Resp: 13122

Ion Ratio Lower Upper

96 100

61 130.2 110.3 165.5

98 57.0 51.6 77.4



#20

Diisopropyl ether

Concen: 4.933 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.006 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Tgt Ion: 45 Resp: 37574

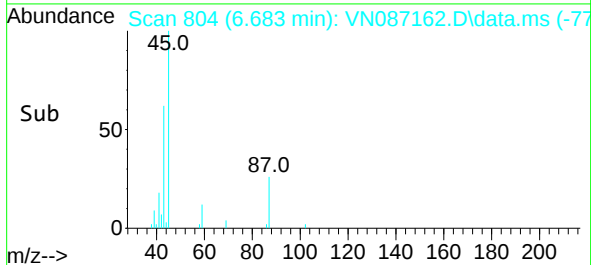
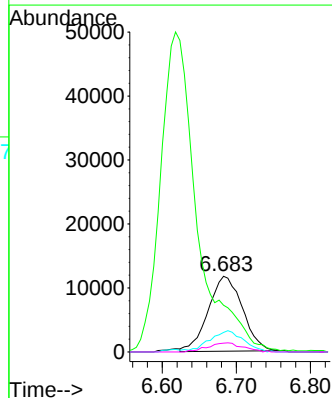
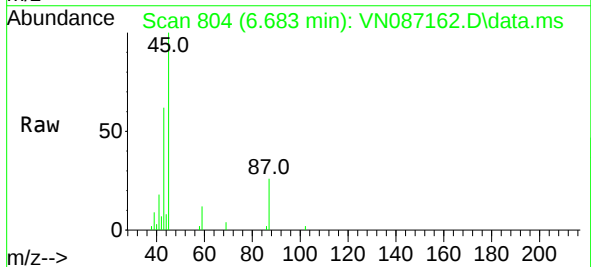
Ion Ratio Lower Upper

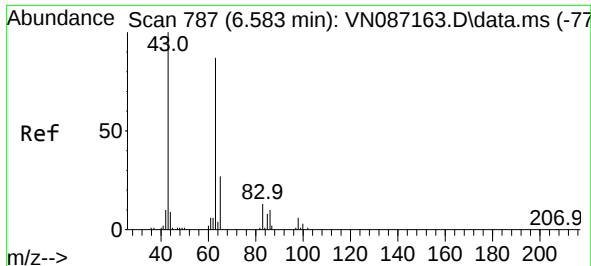
45 100

43 60.9 45.3 67.9

87 26.2 22.6 33.8

59 11.8 9.8 14.8

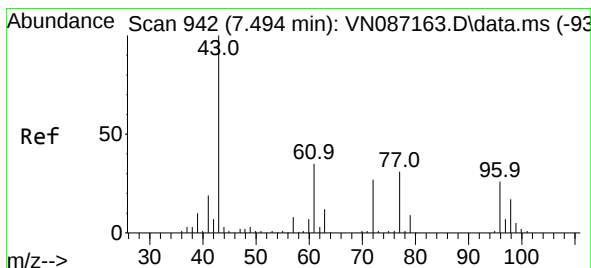
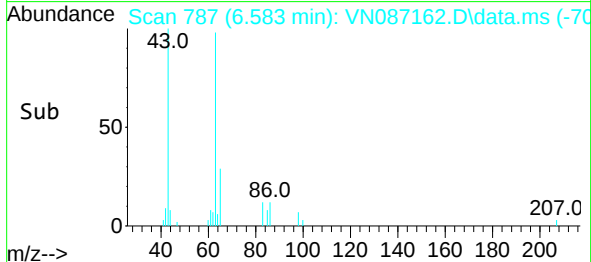
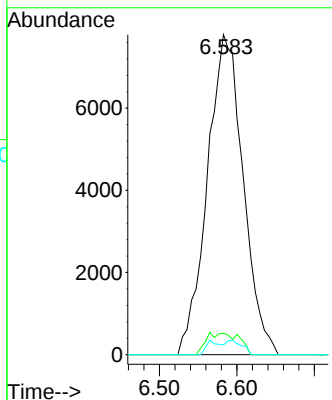
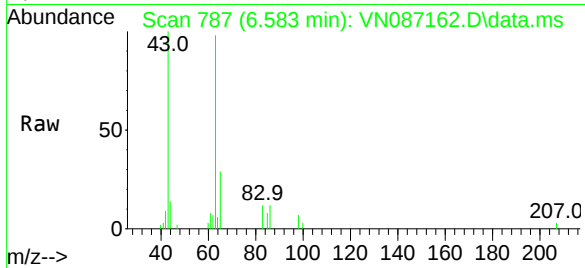




#21
 1,1-Dichloroethane
 Concen: 5.501 ug/l
 RT: 6.583 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

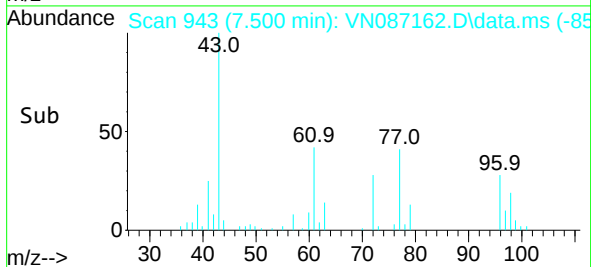
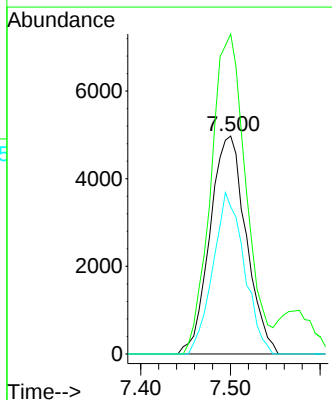
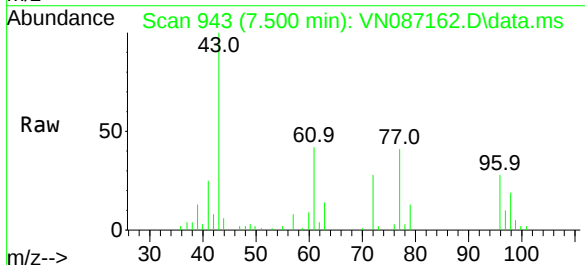
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

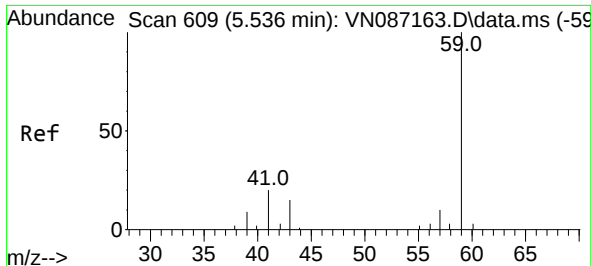
Tgt Ion: 63 Resp: 25040
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 3.0 2.0 5.8



#22
 cis-1,2-Dichloroethene
 Concen: 5.023 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Tgt Ion: 96 Resp: 13914
 Ion Ratio Lower Upper
 96 100
 61 142.4 119.2 178.8
 98 64.2 50.6 75.8

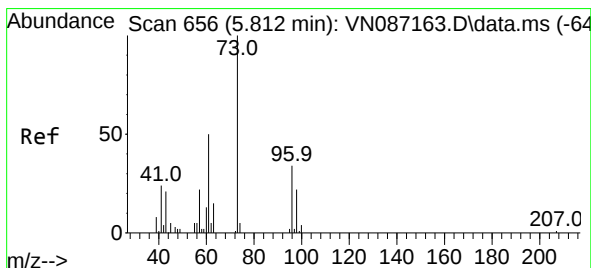
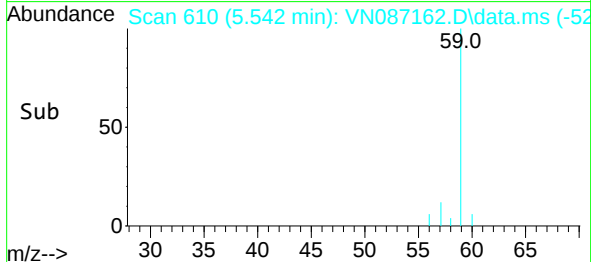
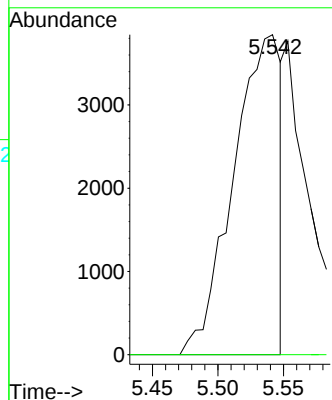
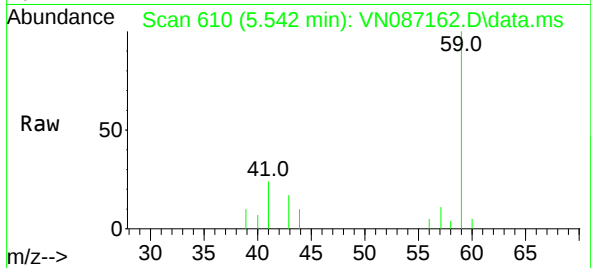




#23
tert-Butyl Alcohol
Concen: 16.135 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

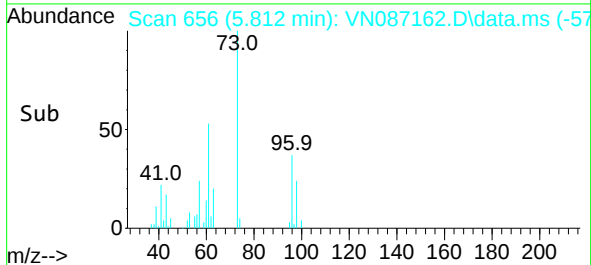
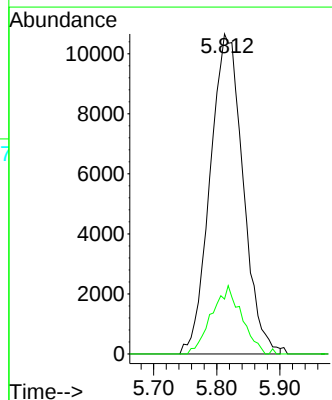
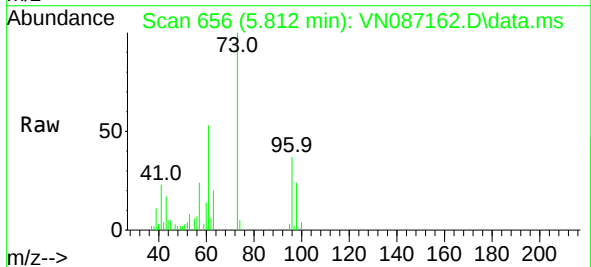
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

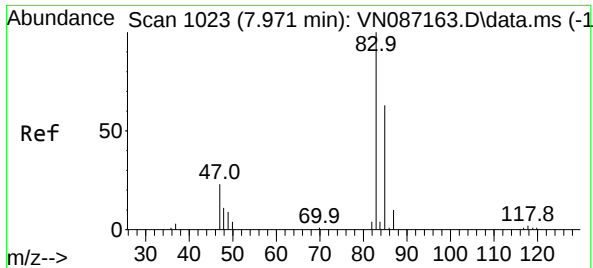
Tgt Ion: 59 Resp: 9663
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 5.057 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 73 Resp: 38602
Ion Ratio Lower Upper
73 100
43 19.4 16.4 24.6

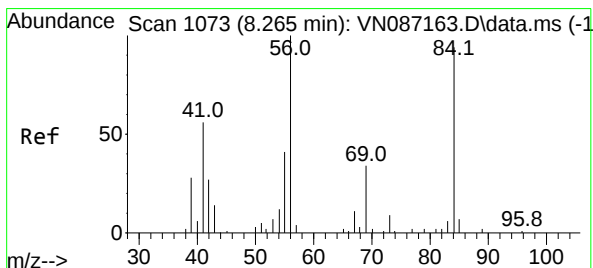
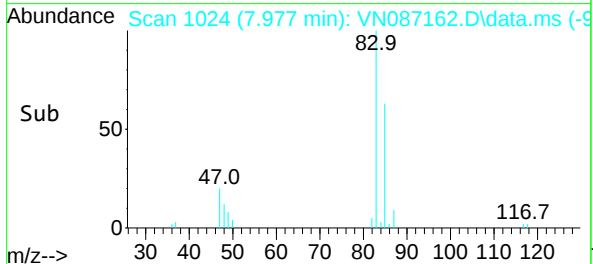
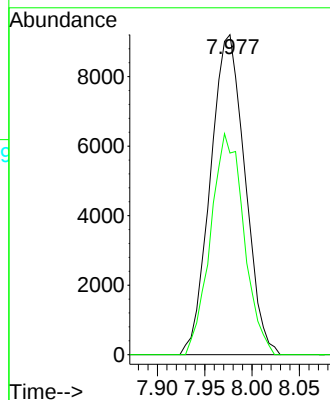
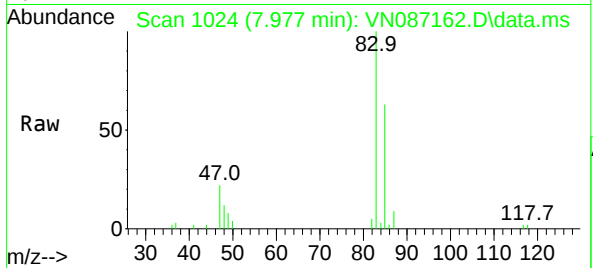




#25
Chloroform
Concen: 5.356 ug/l
RT: 7.977 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

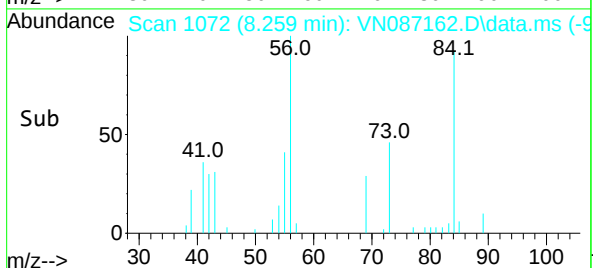
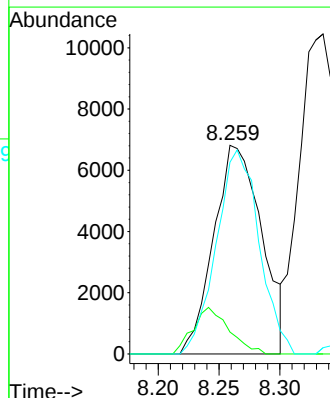
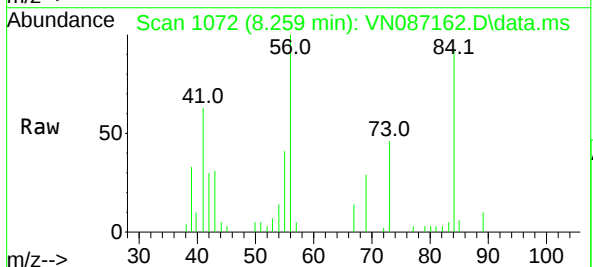
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

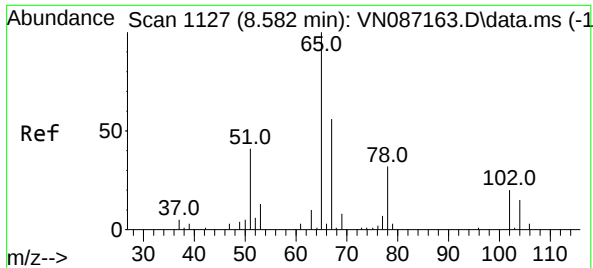
Tgt Ion: 83 Resp: 23358
Ion Ratio Lower Upper
83 100
85 63.0 50.7 76.1



#26
Cyclohexane
Concen: 4.945 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 56 Resp: 18712
Ion Ratio Lower Upper
56 100
89 16.7 6.9 10.3#
84 87.1 69.1 103.7

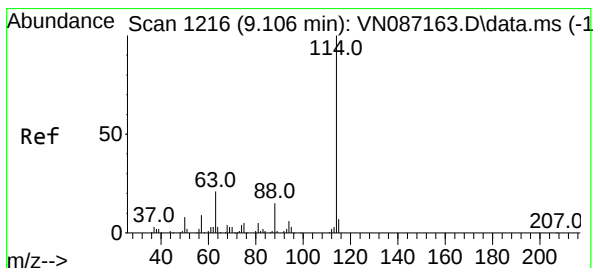
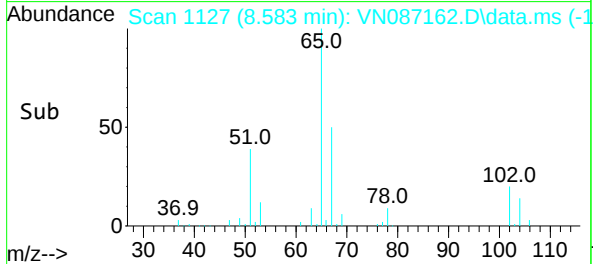
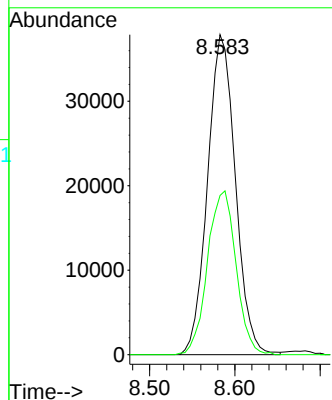
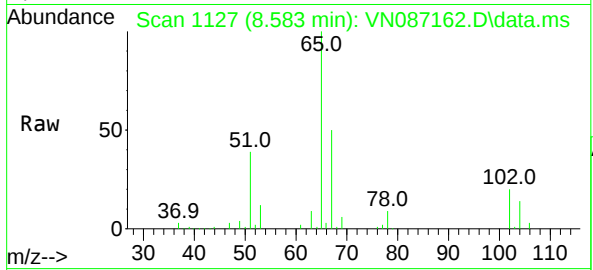




#27
1,2-Dichloroethane-d4
Concen: 31.768 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

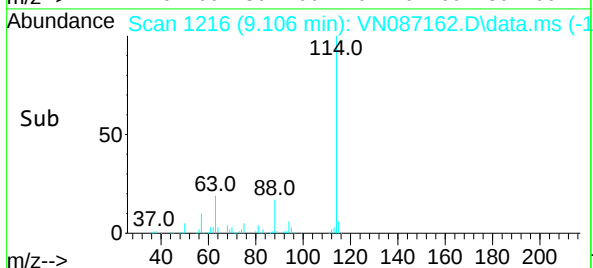
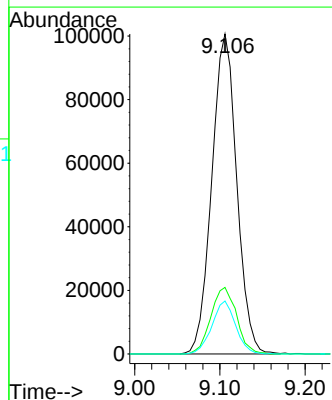
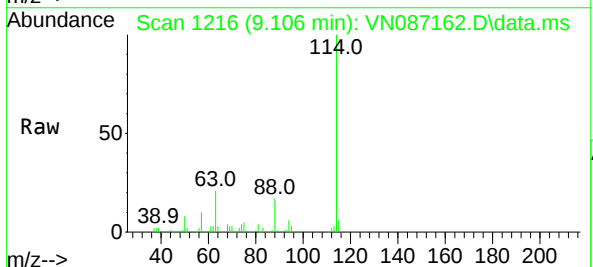
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 86000
Ion Ratio Lower Upper
65 100
67 52.4 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: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 114 Resp: 205072
Ion Ratio Lower Upper
114 100
63 21.4 17.0 25.4
88 15.7 12.6 19.0





#29

1,1-Dichloropropene

Concen: 5.067 ug/l

RT: 8.377 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

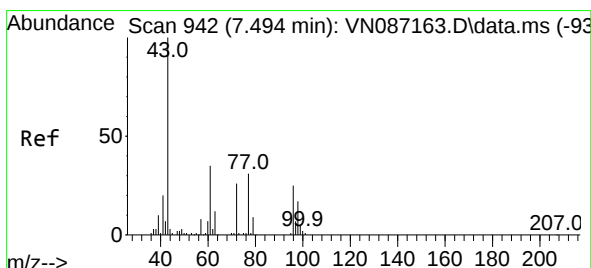
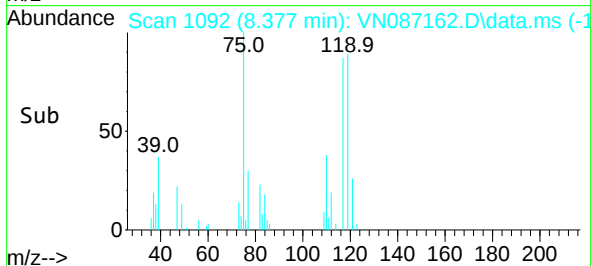
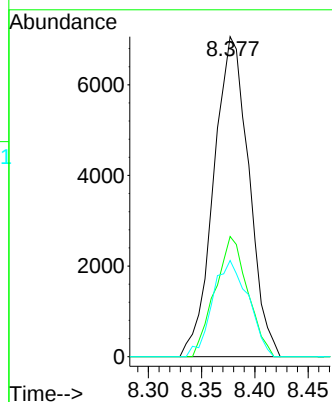
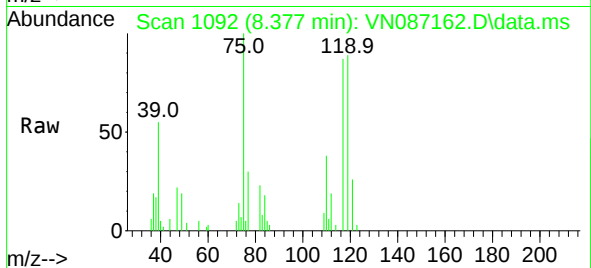
Tgt Ion: 75 Resp: 16196

Ion Ratio Lower Upper

75 100

110 34.9 0.0 69.2

77 30.6 0.0 61.8



#30

2-Butanone

Concen: 23.134 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

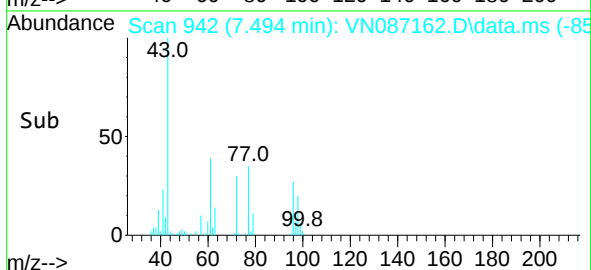
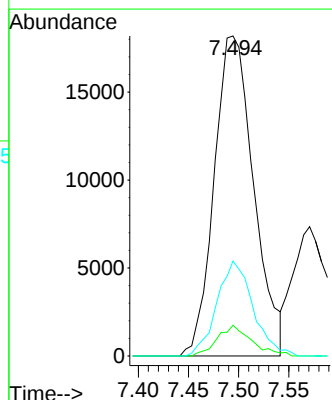
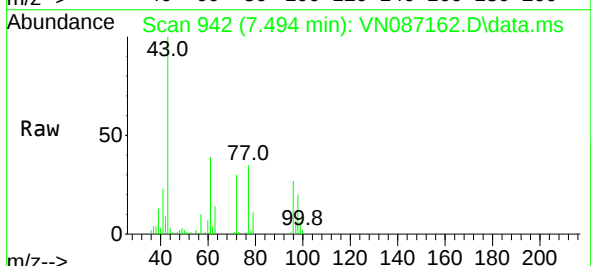
Tgt Ion: 43 Resp: 49880

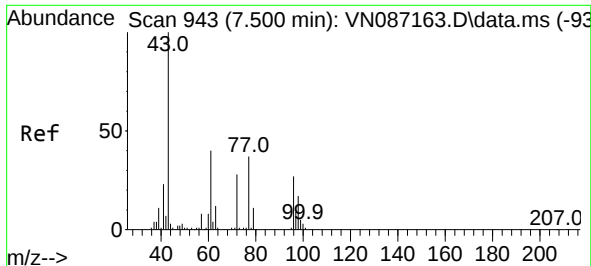
Ion Ratio Lower Upper

43 100

57 8.3 6.3 9.5

72 27.1 21.8 32.6





#31

2,2-Dichloropropane

Concen: 5.175 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

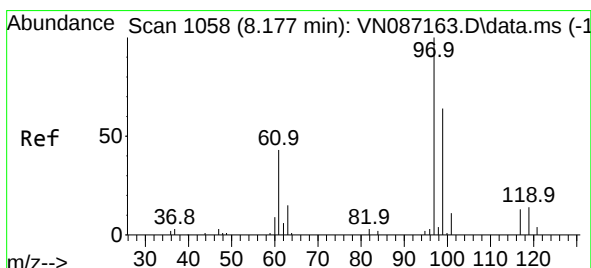
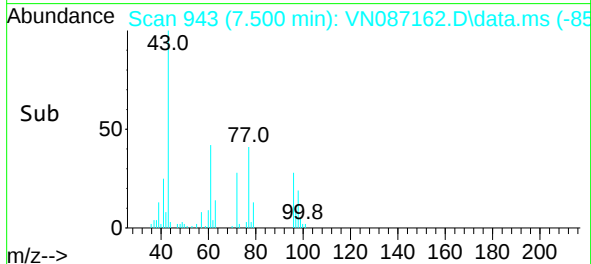
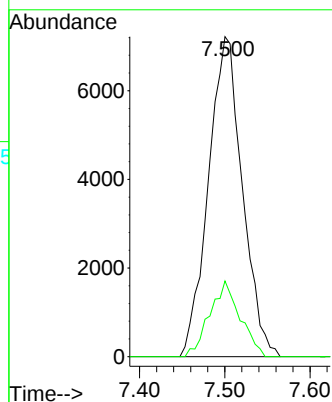
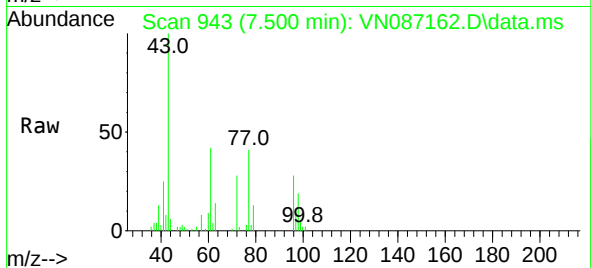
VSTDICC005

Tgt Ion: 77 Resp: 19968

Ion Ratio Lower Upper

77 100

97 21.1 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 5.154 ug/l

RT: 8.183 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

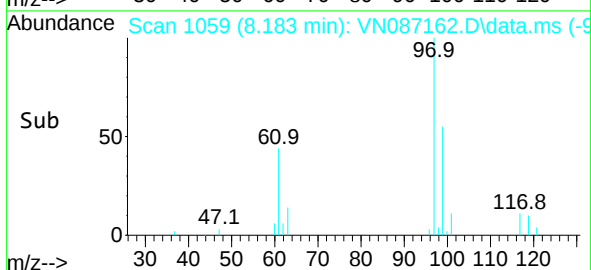
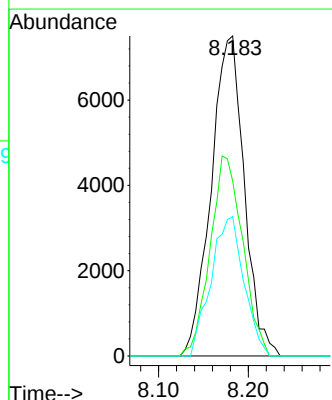
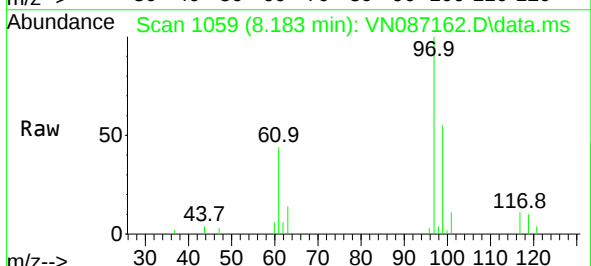
Tgt Ion: 97 Resp: 19246

Ion Ratio Lower Upper

97 100

99 61.2 50.8 76.2

61 43.3 36.1 54.1

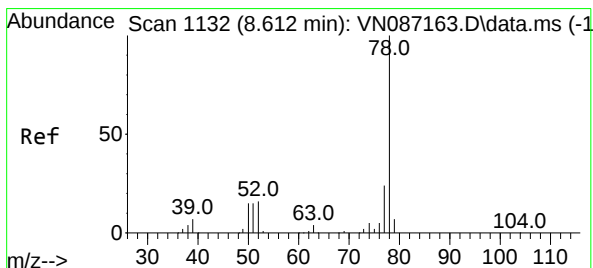
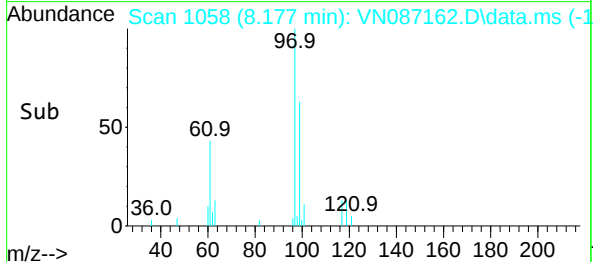
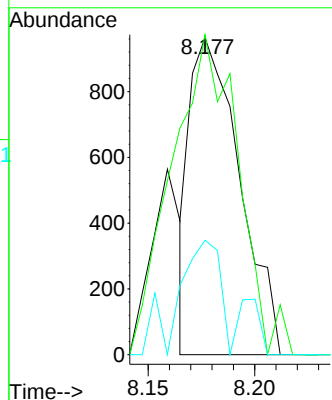
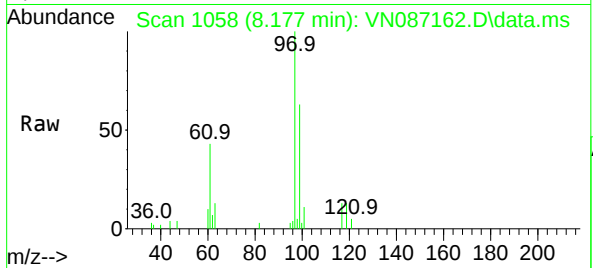




#33
Carbon Tetrachloride
Concen: 0.499 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.194 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

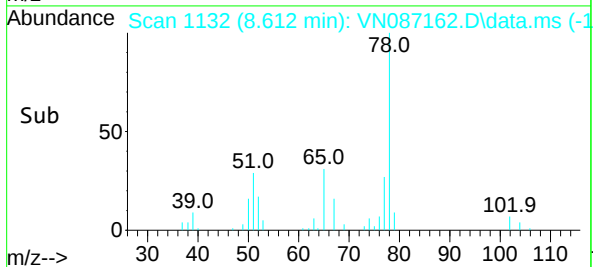
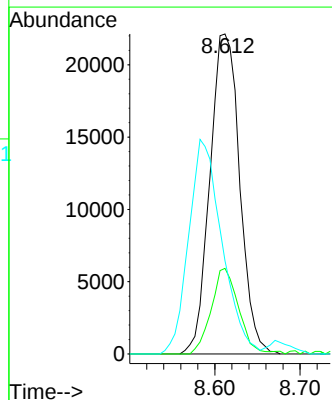
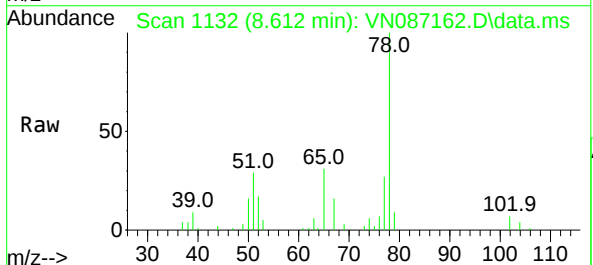
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 1569
Ion Ratio Lower Upper
117 100
119 85.2 75.8 113.6
121 36.1 26.2 39.4



#34
Benzene
Concen: 5.320 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 78 Resp: 53867
Ion Ratio Lower Upper
78 100
77 26.8 19.5 29.3
51 25.5 14.8 22.2#

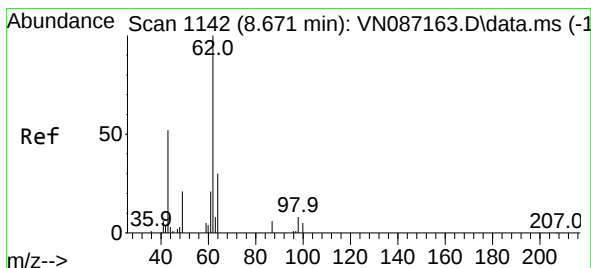
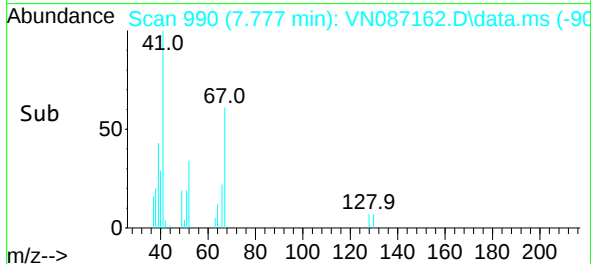
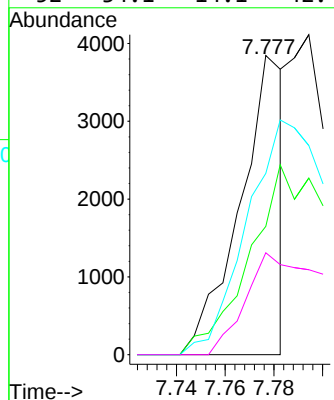
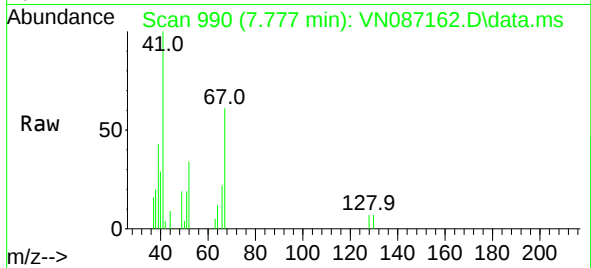




#35
Methacrylonitrile
Concen: 2.231 ug/l
RT: 7.777 min Scan# 992
Delta R.T. -0.012 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

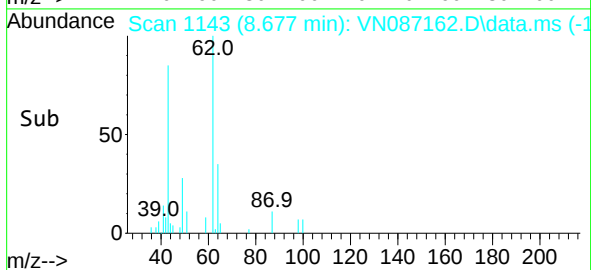
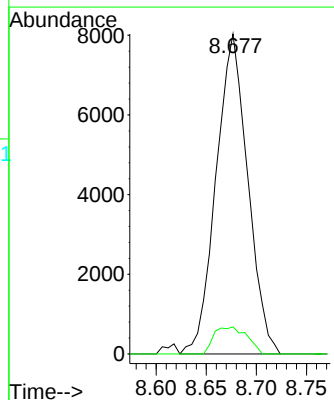
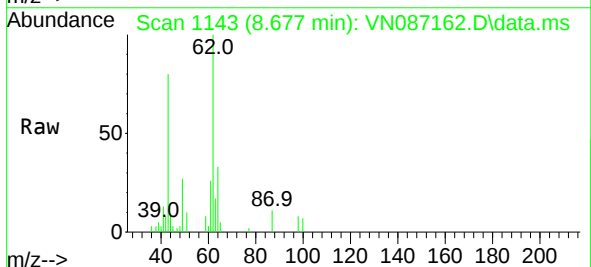
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

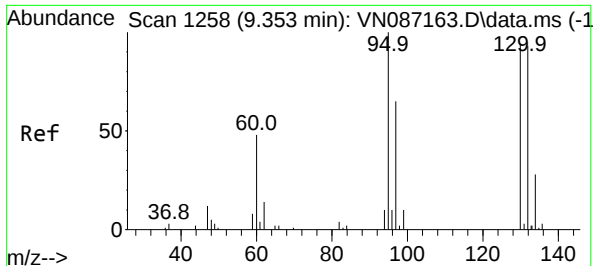
Tgt Ion:	41	Resp:	4847
Ion	Ratio	Lower	Upper
41	100		
39	42.9	24.4	73.2
67	60.6	33.3	99.8
52	34.1	14.1	42.4



#36
1,2-Dichloroethane
Concen: 5.398 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:	62	Resp:	17661
Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.2	10.8





#37

Trichloroethene

Concen: 5.434 ug/l

RT: 9.359 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

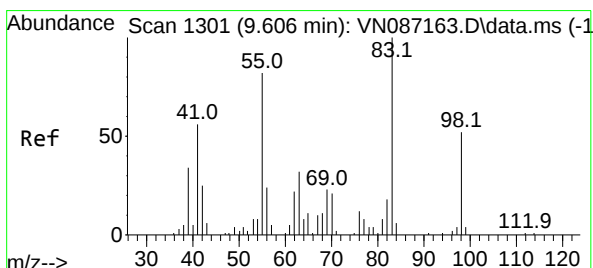
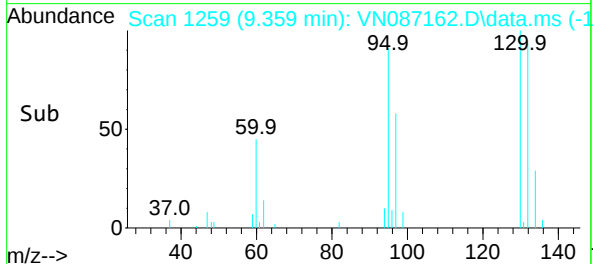
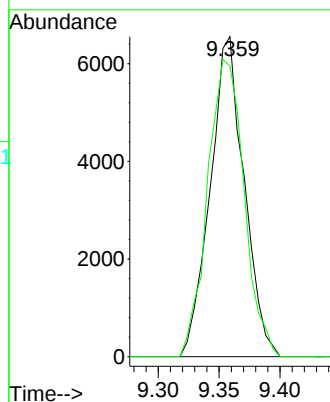
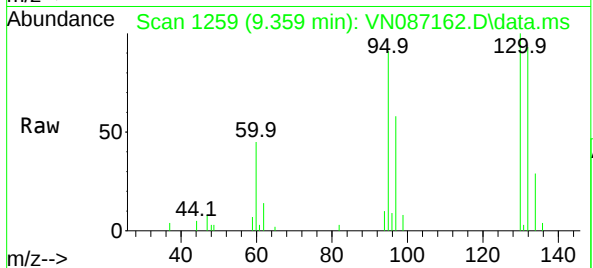
VSTDICC005

Tgt Ion:130 Resp: 12692

Ion Ratio Lower Upper

130 100

95 90.8 85.3 127.9



#38

Methylcyclohexane

Concen: 5.075 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

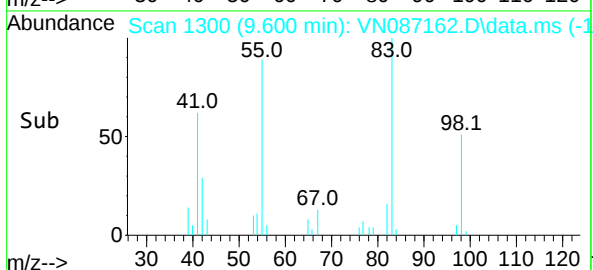
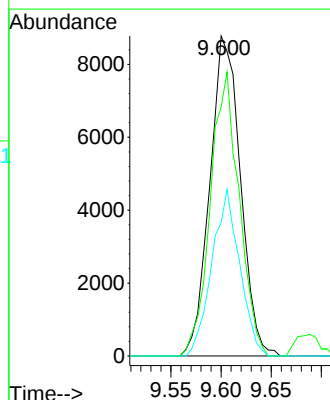
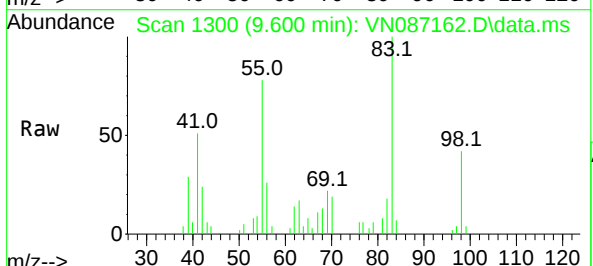
Tgt Ion: 83 Resp: 18613

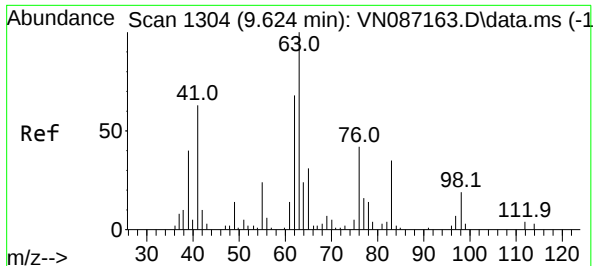
Ion Ratio Lower Upper

83 100

55 83.5 40.1 120.2

98 47.3 24.4 73.2

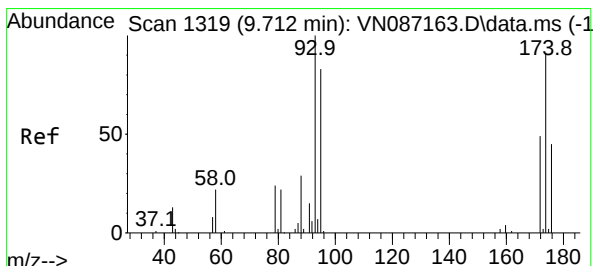
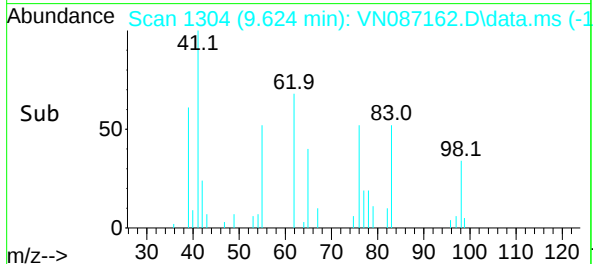
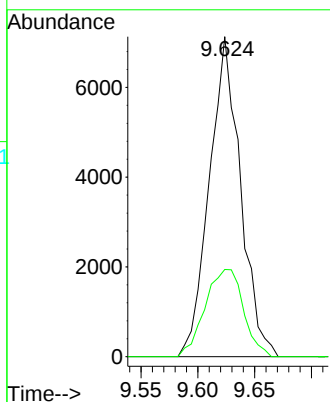
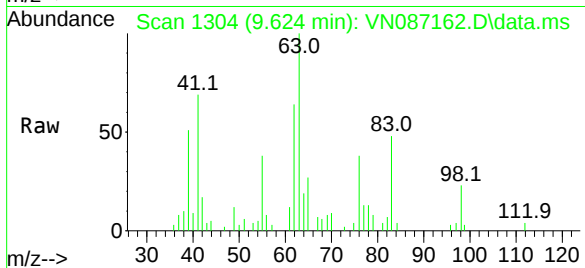




#39
1,2-Dichloropropane
Concen: 5.345 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

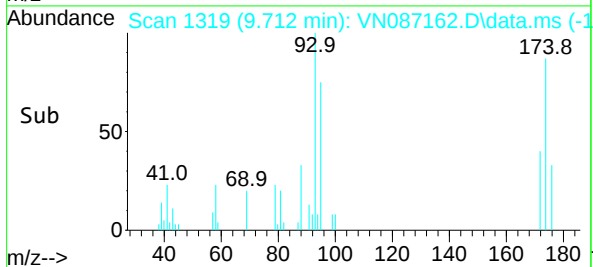
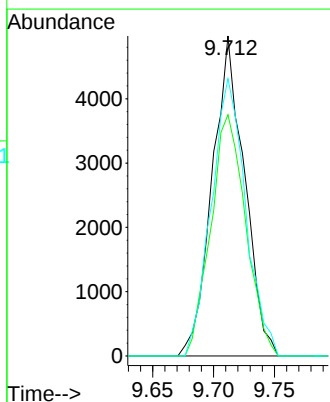
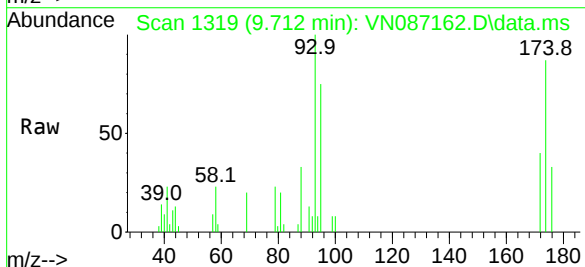
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

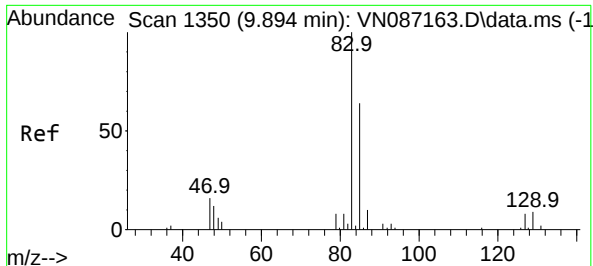
Tgt Ion: 63 Resp: 13584
Ion Ratio Lower Upper
63 100
65 27.3 24.6 36.8



#40
Dibromomethane
Concen: 5.307 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 93 Resp: 9171
Ion Ratio Lower Upper
93 100
95 81.7 0.0 170.8
174 92.3 0.0 176.6

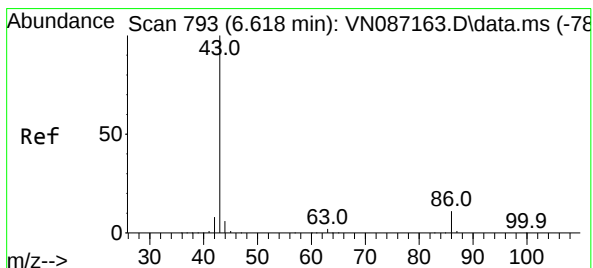
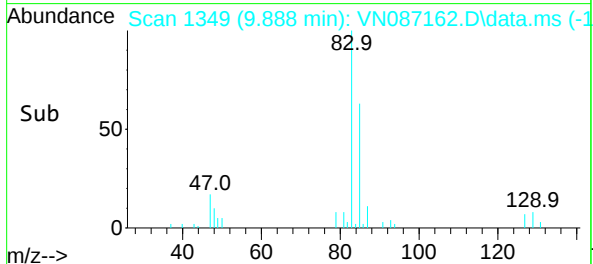
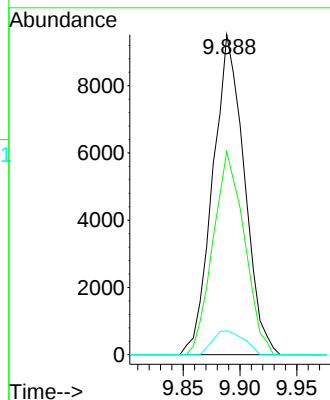
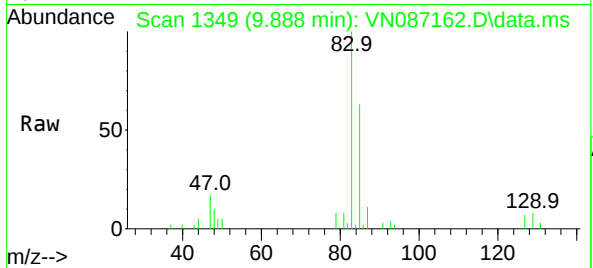




#41
Bromodichloromethane
Concen: 5.262 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

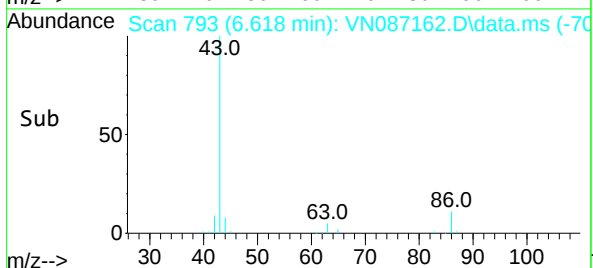
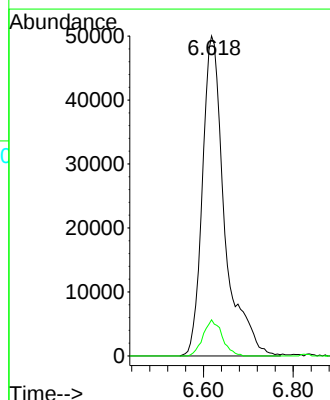
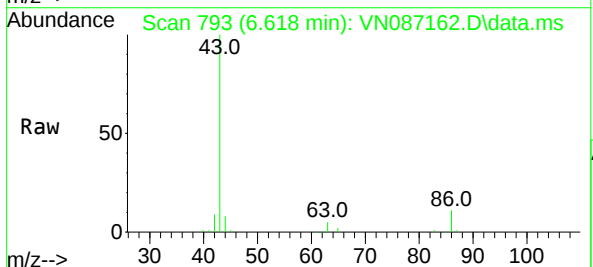
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 18357
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 7.5 6.1 9.1



#42
Vinyl Acetate
Concen: 24.527 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 43 Resp: 172005
Ion Ratio Lower Upper
43 100
86 9.7 7.7 11.5

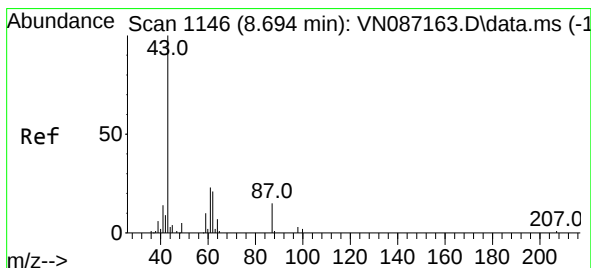
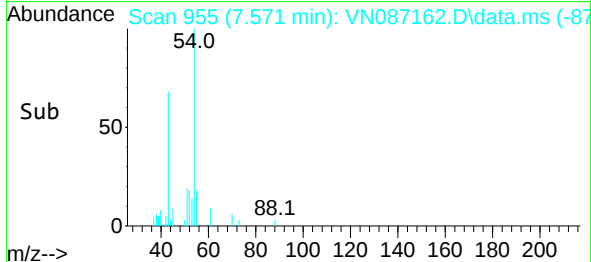
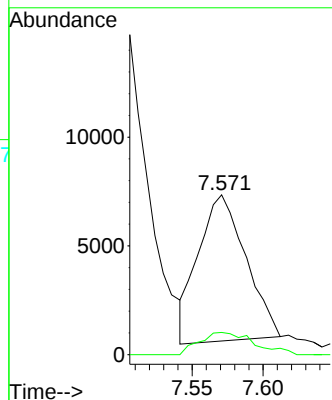
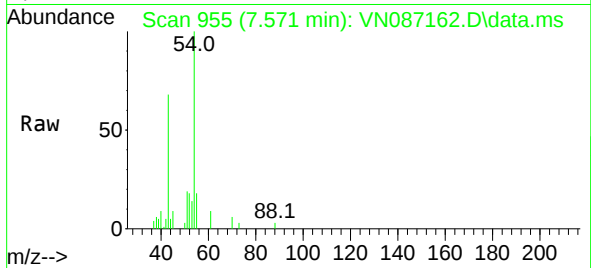




#43
Ethyl Acetate
Concen: 4.011 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

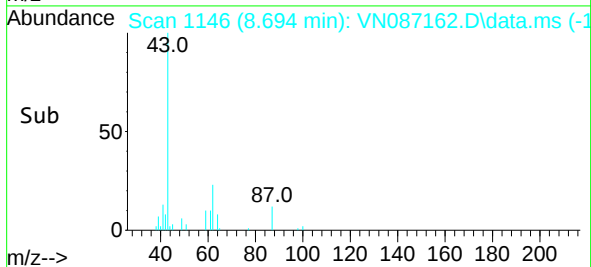
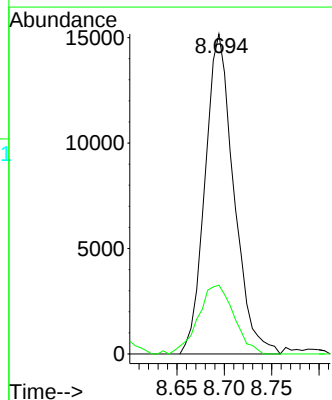
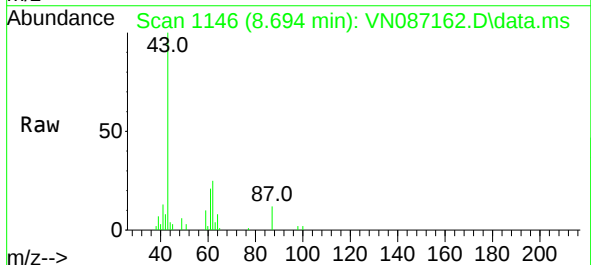
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

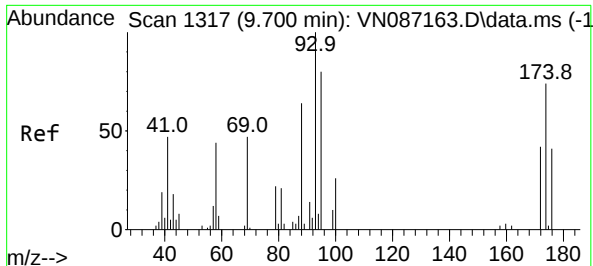
Tgt Ion: 43 Resp: 15610
Ion Ratio Lower Upper
43 100
45 16.5 11.5 17.3



#44
Isopropyl Acetate
Concen: 5.053 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 43 Resp: 32041
Ion Ratio Lower Upper
43 100
61 26.6 20.5 30.7





#45

1,4-Dioxane

Concen: 87.766 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

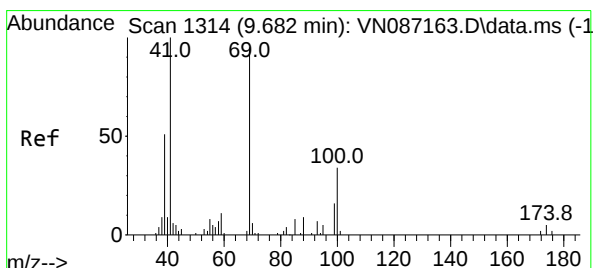
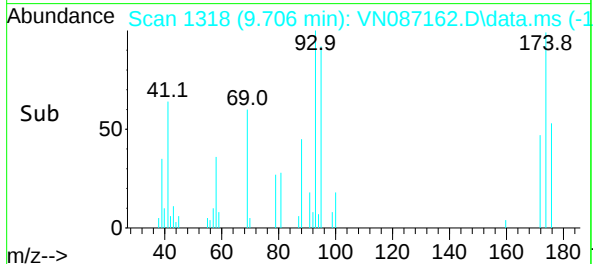
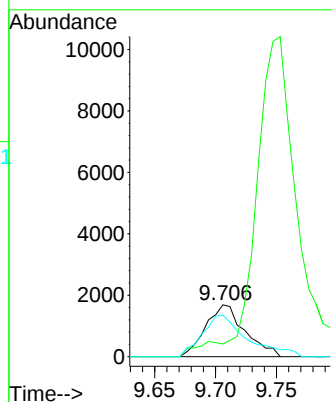
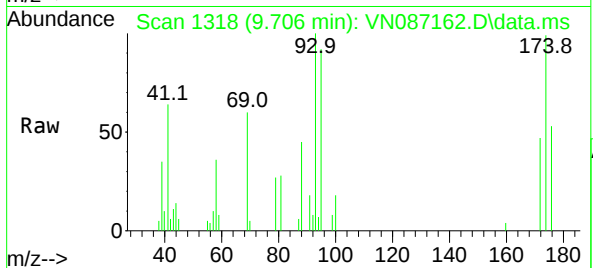
Tgt Ion: 88 Resp: 3765

Ion Ratio Lower Upper

88 100

43 21.3 21.3 31.9

58 91.6 61.7 92.5



#46

Methyl methacrylate

Concen: 4.864 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

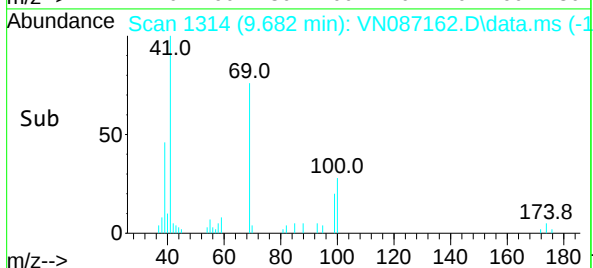
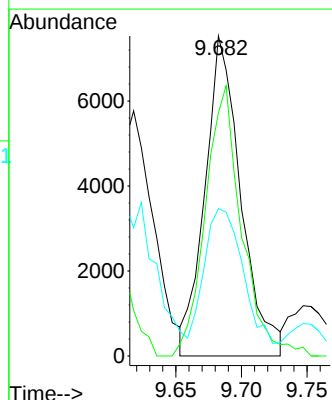
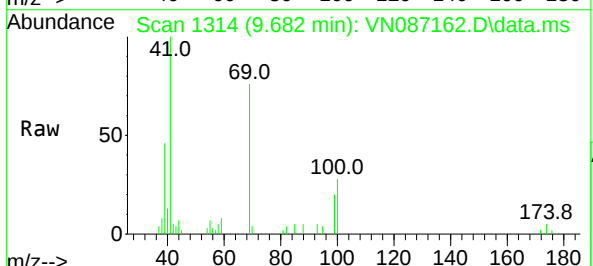
Tgt Ion: 41 Resp: 14340

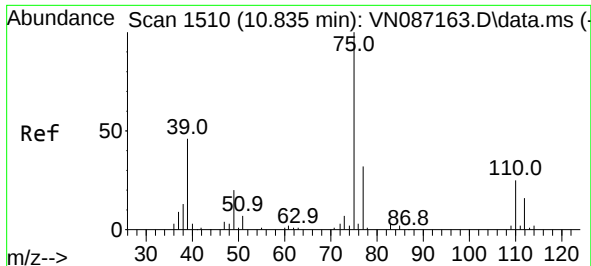
Ion Ratio Lower Upper

41 100

69 78.3 45.6 136.9

39 45.3 26.2 78.5

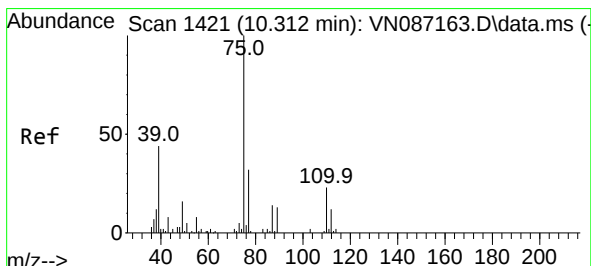
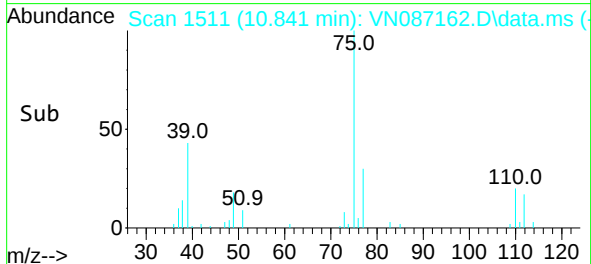
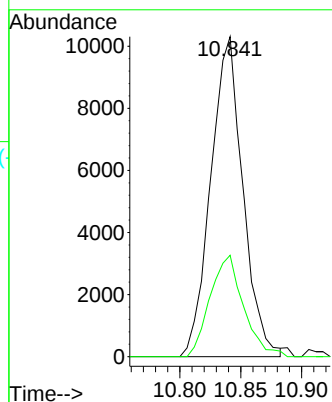
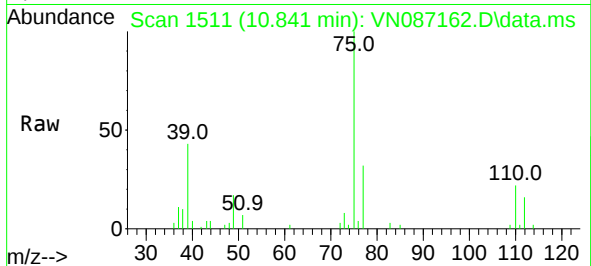




#48
 t-1,3-Dichloropropene
 Concen: 4.864 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

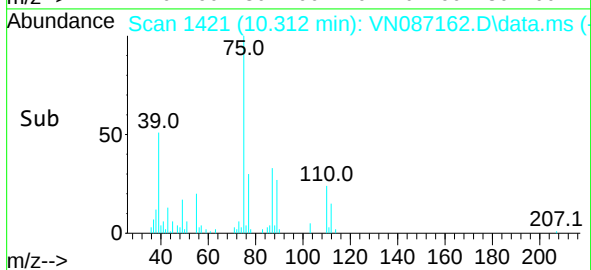
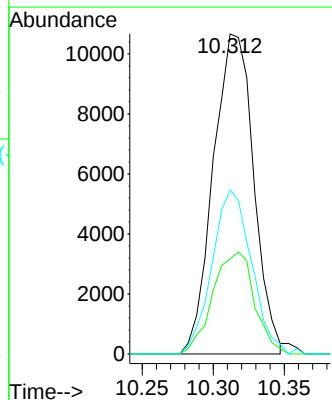
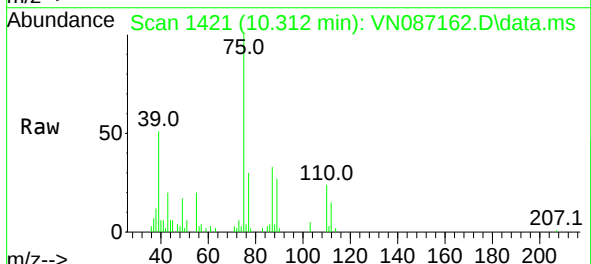
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

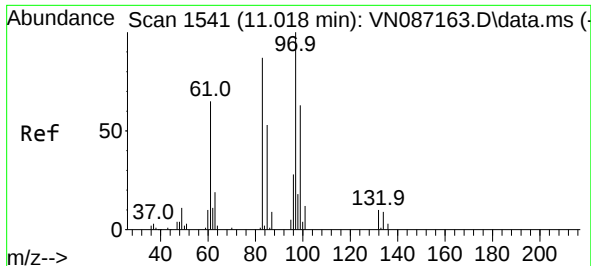
Tgt Ion: 75 Resp: 18916
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#49
 cis-1,3-Dichloropropene
 Concen: 5.091 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Tgt Ion: 75 Resp: 21045
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.2
 39 51.3 35.3 52.9

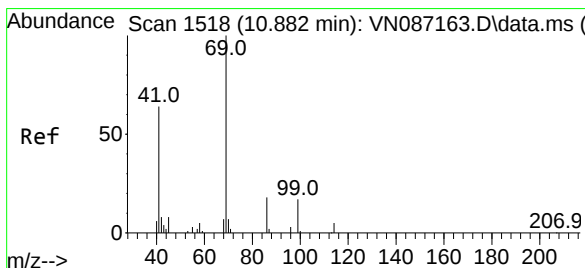
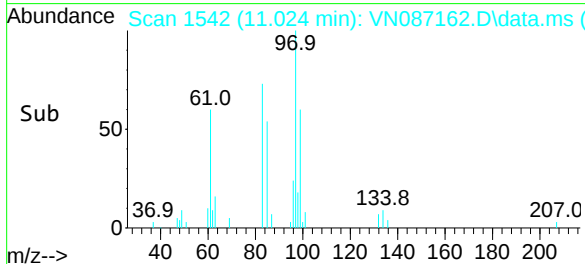
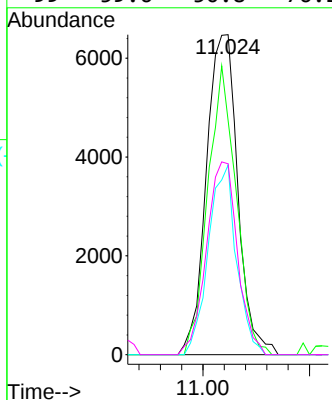
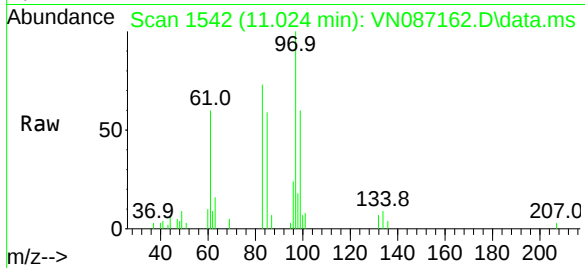




#50
1,1,2-Trichloroethane
Concen: 5.404 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

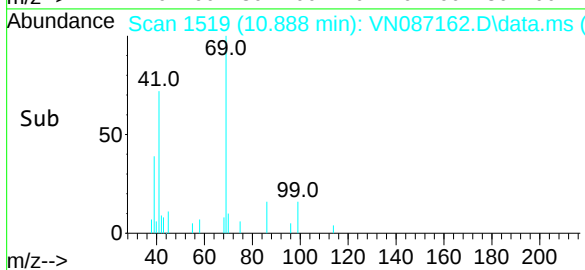
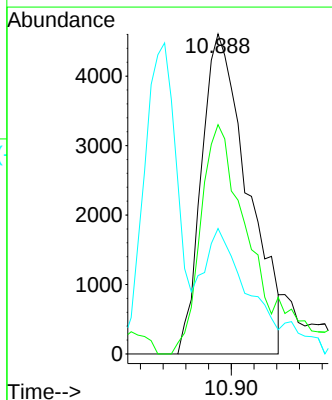
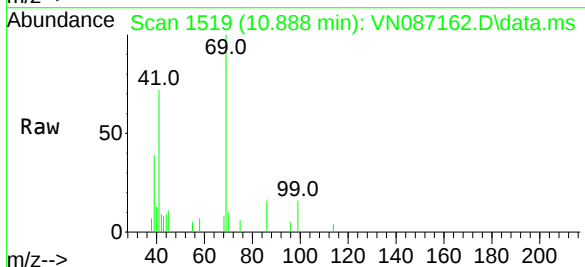
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

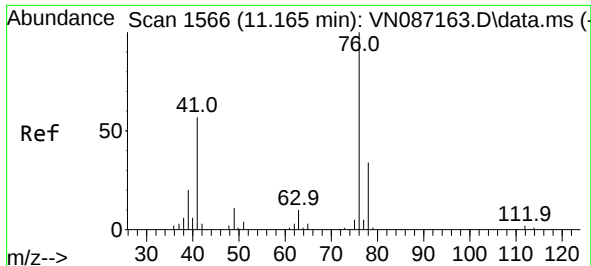
Tgt Ion: 97	Resp: 13266
Ion Ratio	Lower Upper
97 100	
83 73.1	69.6 104.4
85 59.3	42.0 63.0
99 59.6	50.8 76.2



#51
Ethyl methacrylate
Concen: 3.491 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 69	Resp: 13043
Ion Ratio	Lower Upper
69 100	
41 68.2	31.8 95.3
39 31.6	15.3 45.8





#52

1,3-Dichloropropane

Concen: 5.176 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

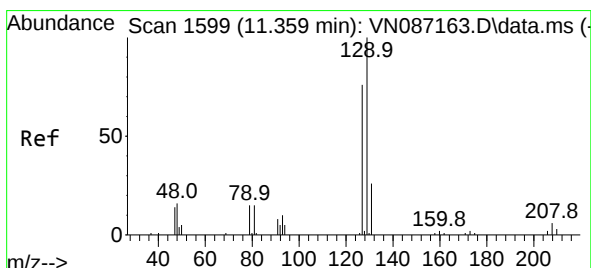
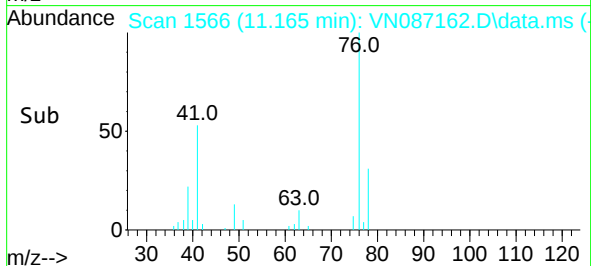
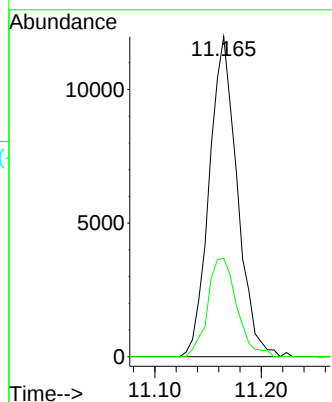
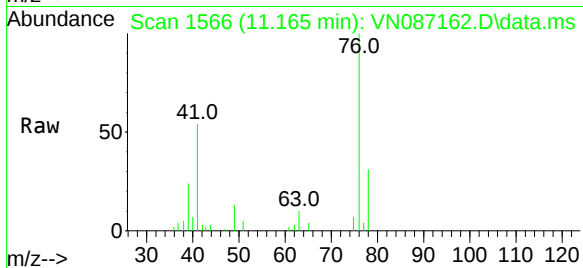
VSTDIC005

Tgt Ion: 76 Resp: 21815

Ion Ratio Lower Upper

76 100

78 31.7 0.0 63.0



#53

Dibromochloromethane

Concen: 4.946 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN087162.D

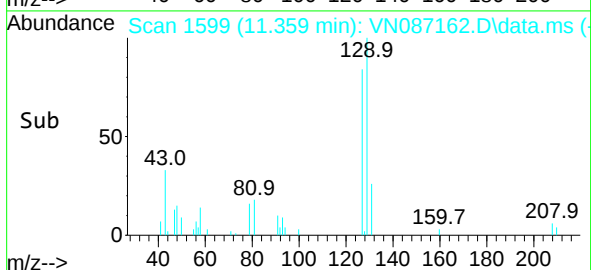
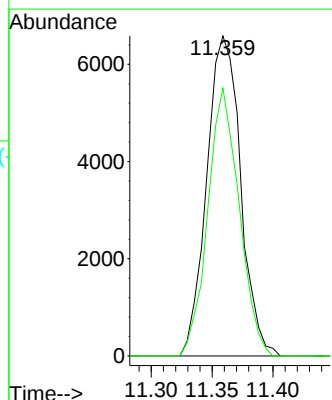
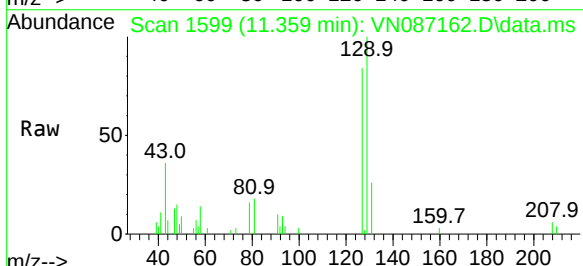
Acq: 25 Jun 2025 08:59

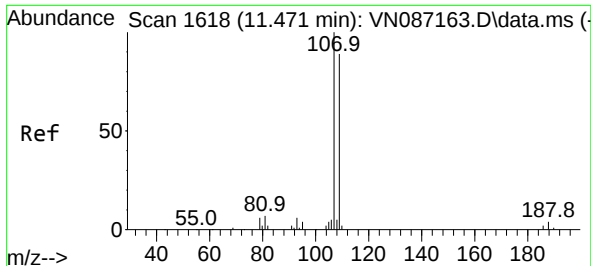
Tgt Ion: 129 Resp: 12745

Ion Ratio Lower Upper

129 100

127 77.6 39.6 118.8

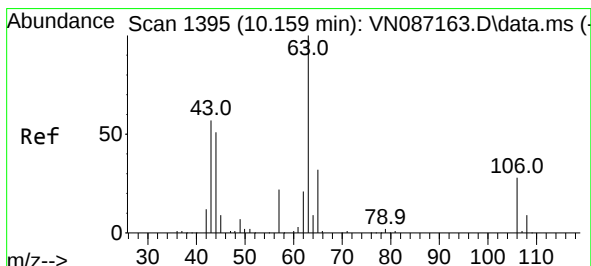
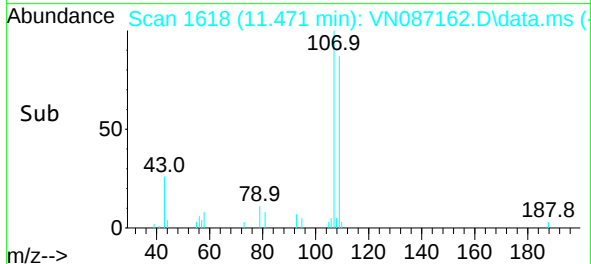
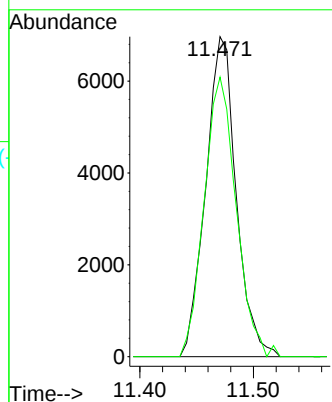
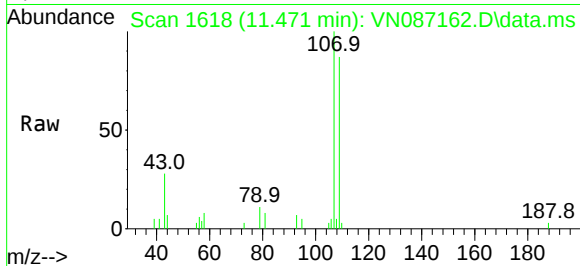




#54
1,2-Dibromoethane
Concen: 5.136 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

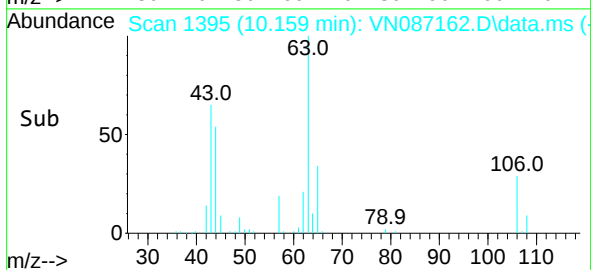
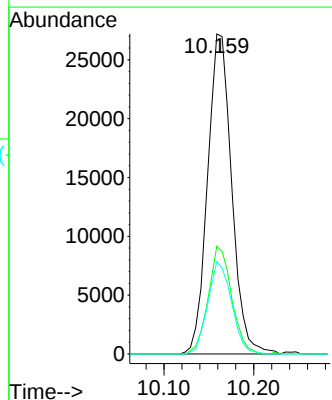
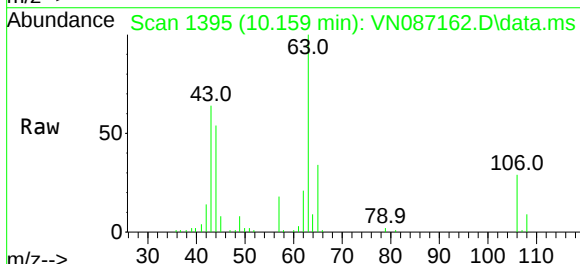
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

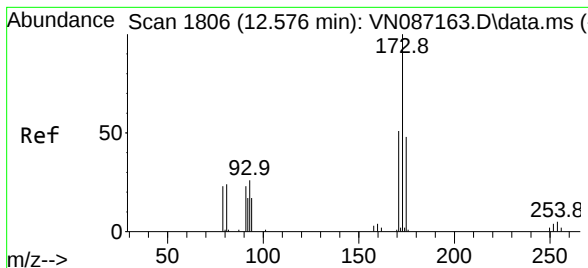
Tgt Ion:107 Resp: 13009
Ion Ratio Lower Upper
107 100
109 91.0 73.5 110.3



#55
2-Chloroethyl vinyl ether
Concen: 23.716 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 63 Resp: 50795
Ion Ratio Lower Upper
63 100
65 32.6 25.6 38.4
106 28.3 21.9 32.9





#56

Bromoform

Concen: 4.981 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

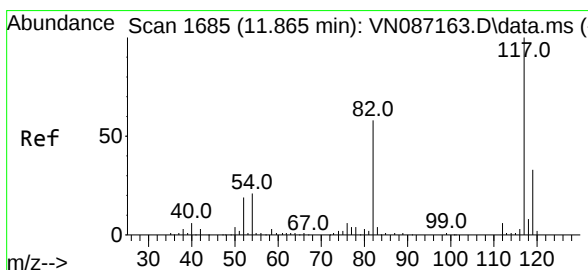
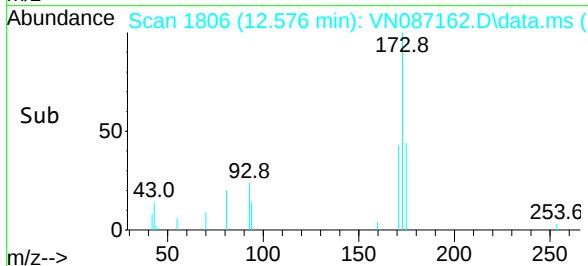
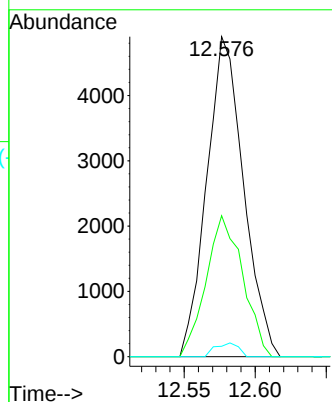
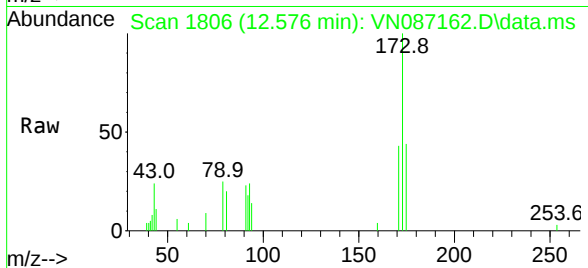
Tgt Ion:173 Resp: 8824

Ion Ratio Lower Upper

173 100

175 43.8 38.7 58.1

254 2.7 4.2 6.4#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

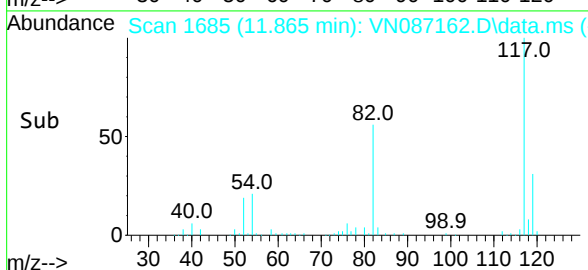
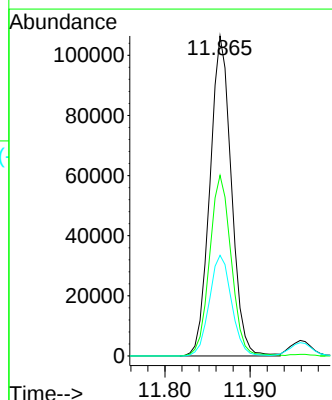
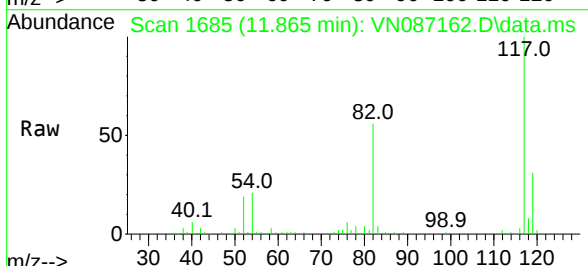
Tgt Ion:117 Resp: 186292

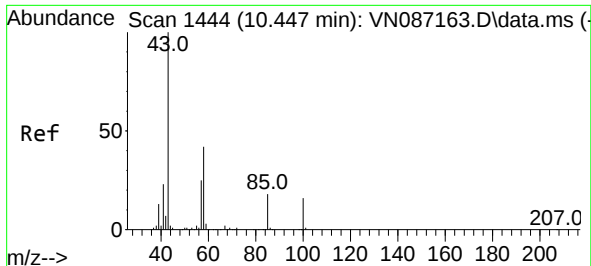
Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.2

119 32.5 26.2 39.4

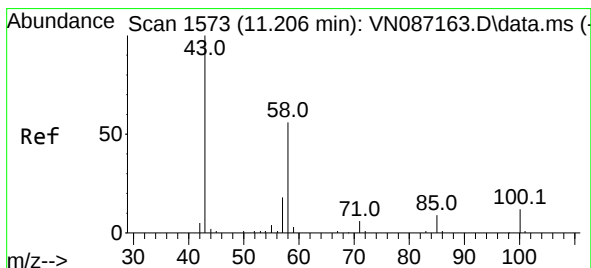
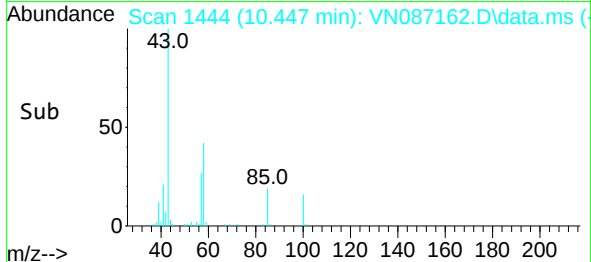
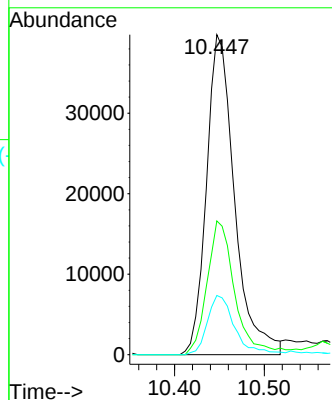
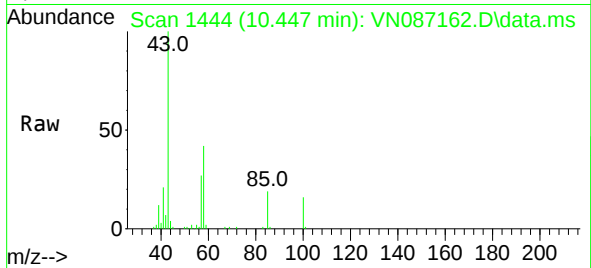




#58
4-Methyl-2-Pentanone
Concen: 23.081 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

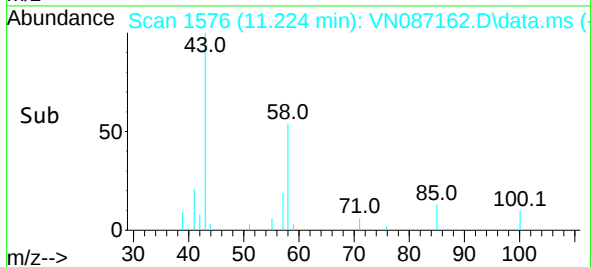
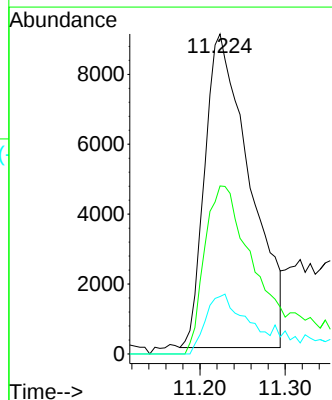
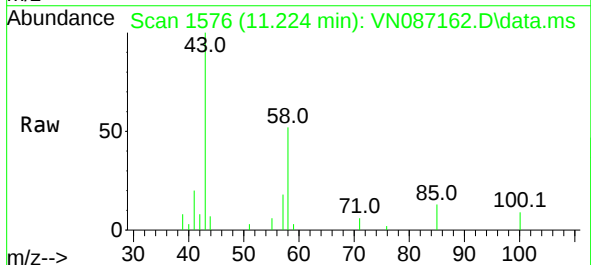
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

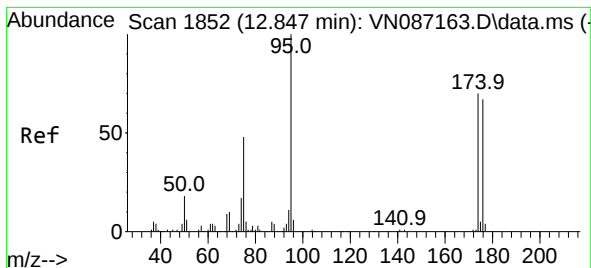
Tgt Ion: 43 Resp: 86443
Ion Ratio Lower Upper
43 100
58 40.5 32.6 49.0
85 17.9 14.6 22.0



#59
2-Hexanone
Concen: 13.689 ug/l
RT: 11.224 min Scan# 1576
Delta R.T. 0.018 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 43 Resp: 33104
Ion Ratio Lower Upper
43 100
58 57.7 49.2 73.8
57 17.4 15.3 22.9

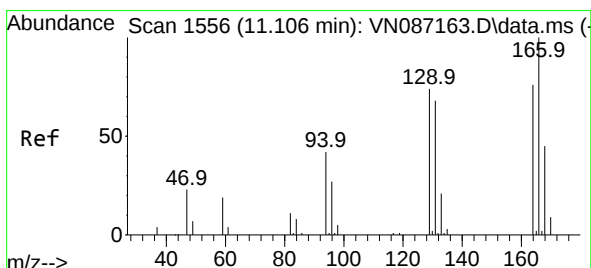
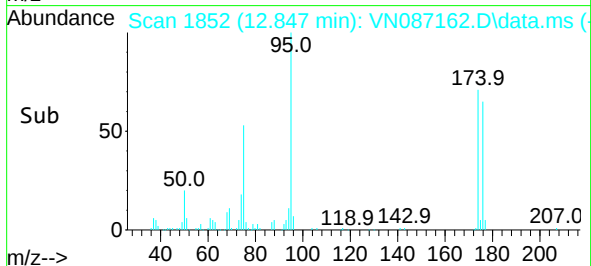
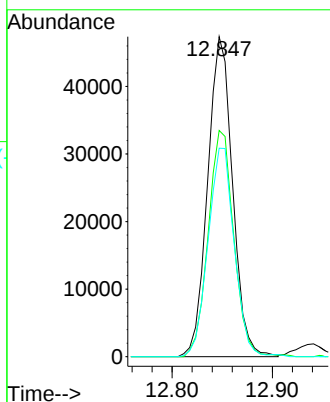
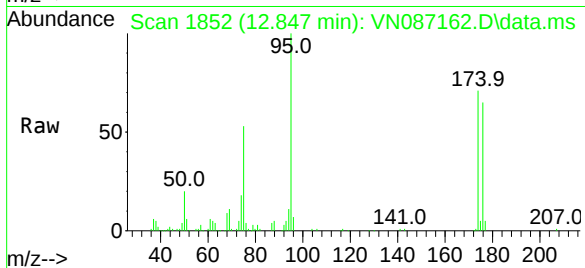




#60
4-Bromofluorobenzene
Concen: 28.438 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

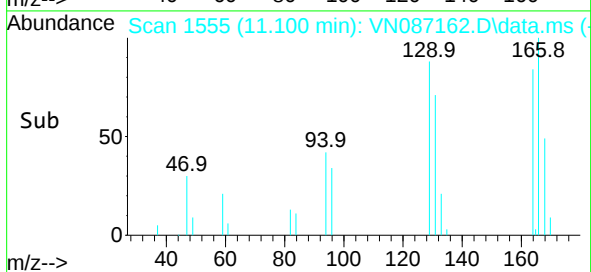
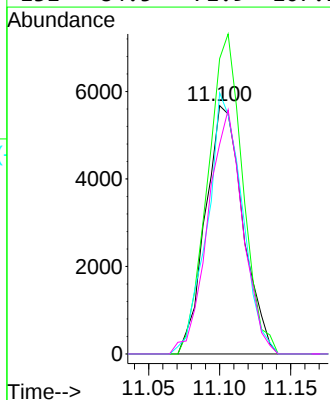
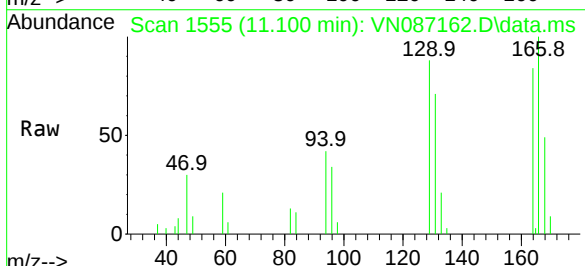
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

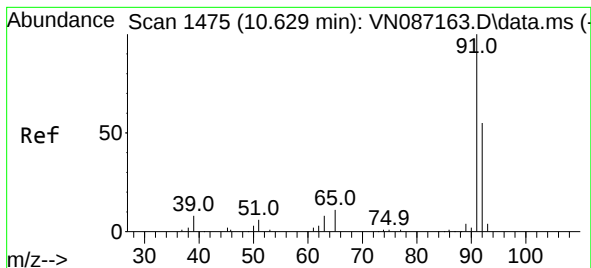
Tgt Ion: 95 Resp: 81752
Ion Ratio Lower Upper
95 100
174 72.7 54.5 81.7
176 68.3 51.9 77.9



#61
Tetrachloroethene
Concen: 5.624 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 164 Resp: 10375
Ion Ratio Lower Upper
164 100
166 118.9 105.4 158.2
129 105.1 77.9 116.9
131 84.5 71.9 107.9





#62

Toluene

Concen: 5.426 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

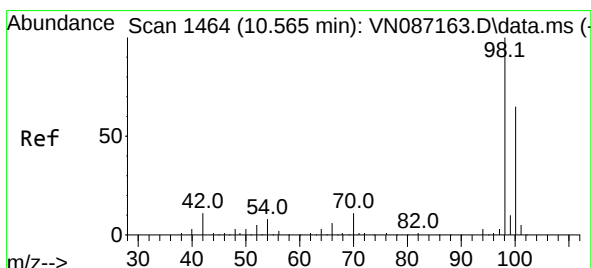
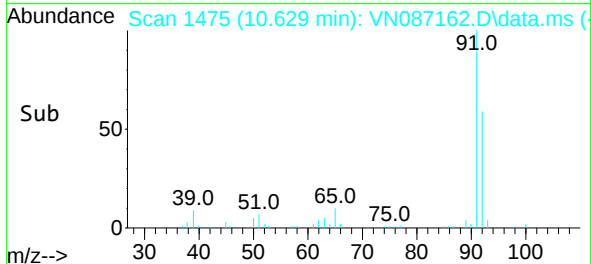
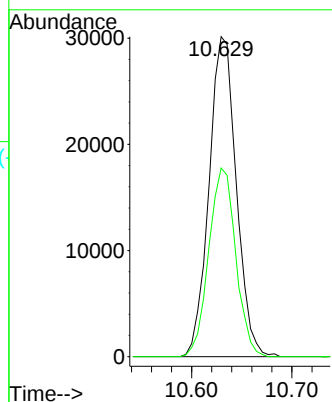
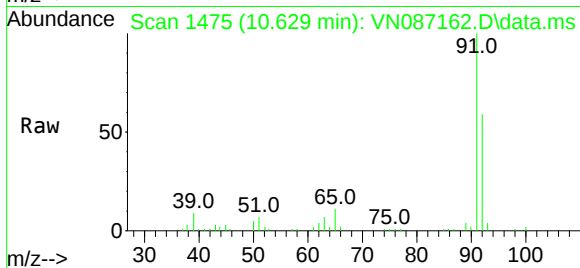
VSTDIC005

Tgt Ion: 91 Resp: 57093

Ion Ratio Lower Upper

91 100

92 58.2 45.8 68.8



#63

Toluene-d8

Concen: 30.879 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN087162.D

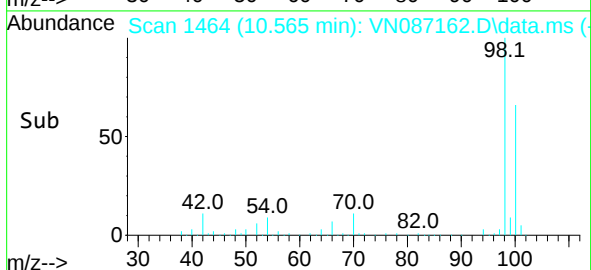
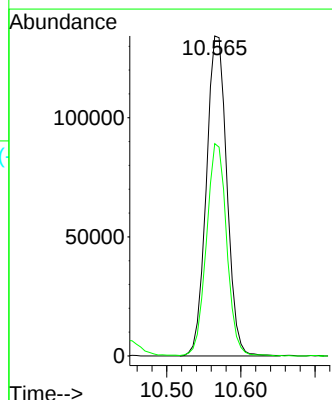
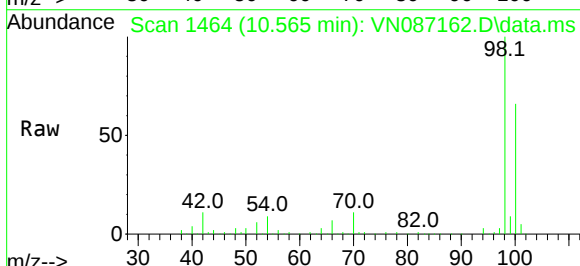
Acq: 25 Jun 2025 08:59

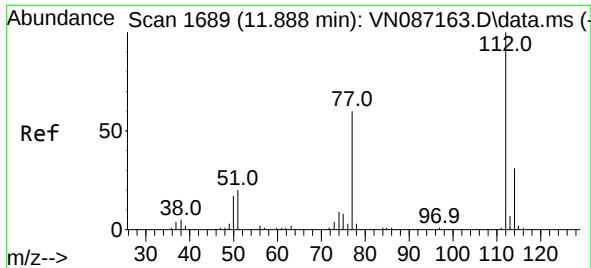
Tgt Ion: 98 Resp: 258286

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7

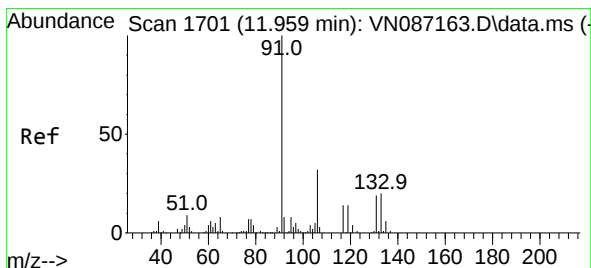
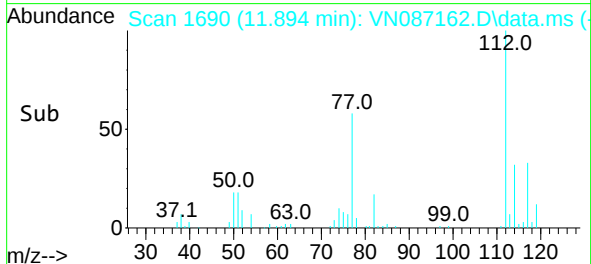
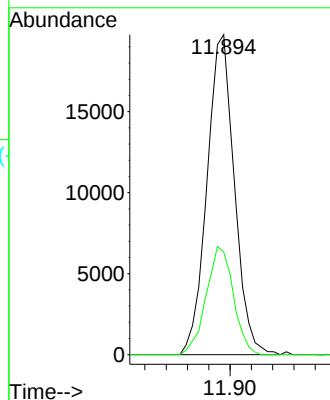
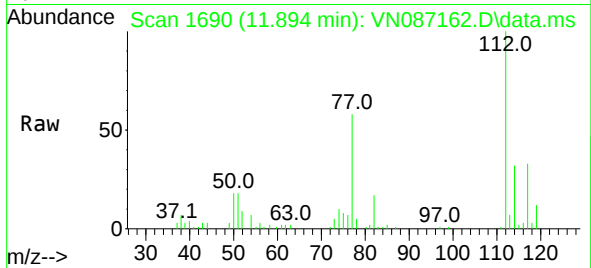




#64
Chlorobenzene
Concen: 5.256 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

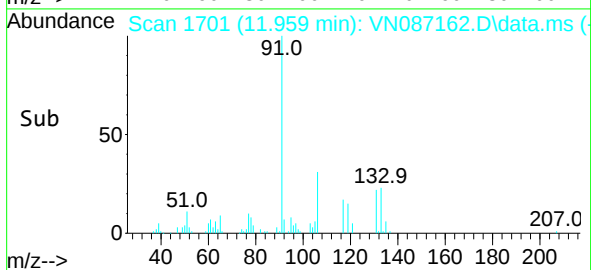
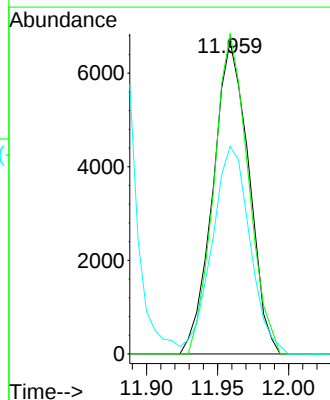
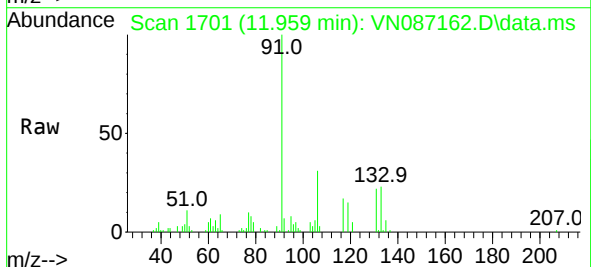
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

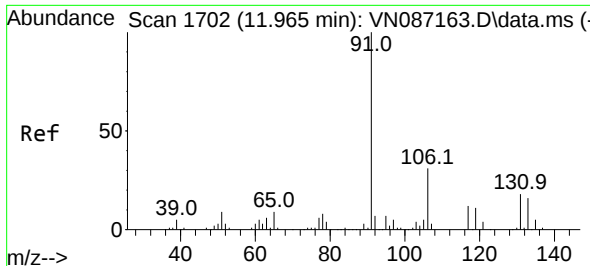
Tgt Ion:112 Resp: 35274
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#65
1,1,1,2-Tetrachloroethane
Concen: 5.271 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:131 Resp: 11689
Ion Ratio Lower Upper
131 100
133 97.9 0.0 187.8
119 70.1 0.0 140.0

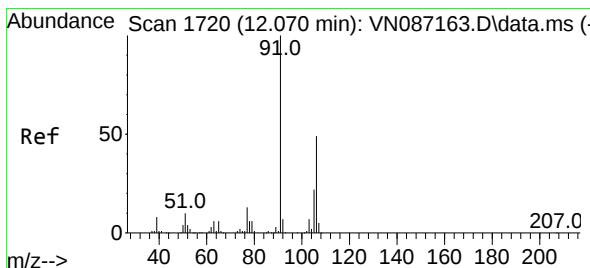
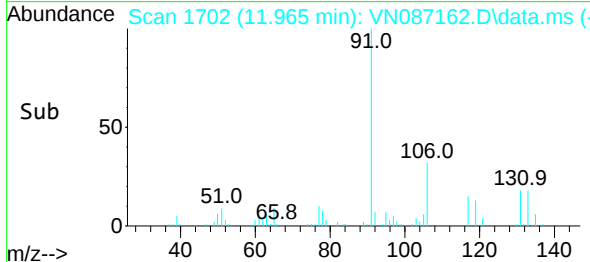
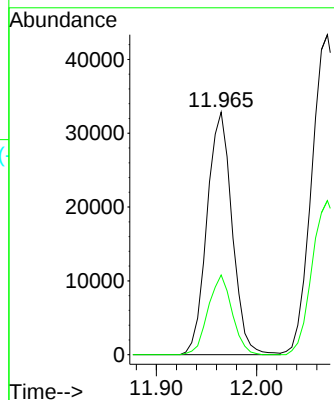
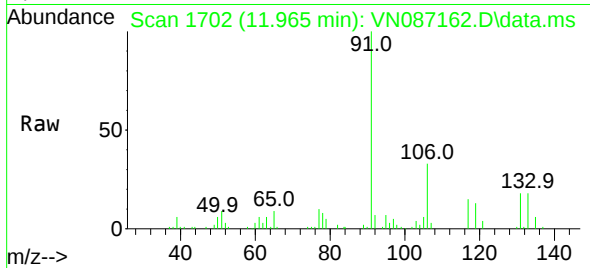




#66
Ethyl Benzene
Concen: 4.979 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

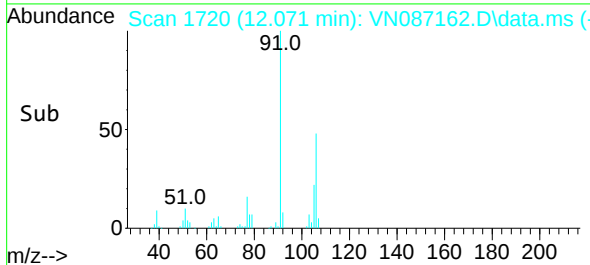
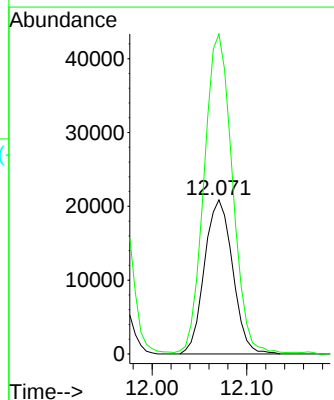
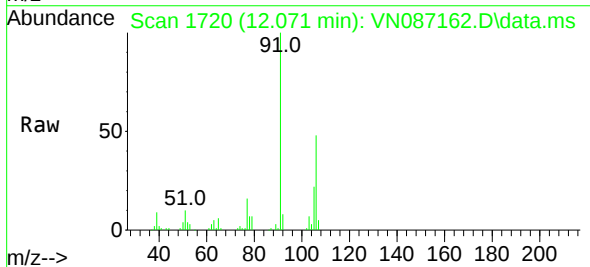
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

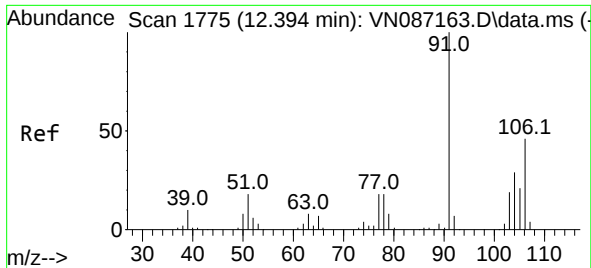
Tgt Ion: 91 Resp: 57341
Ion Ratio Lower Upper
91 100
106 32.9 24.8 37.2



#67
m/p-Xylenes
Concen: 9.769 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 106 Resp: 43110
Ion Ratio Lower Upper
106 100
91 208.9 163.0 244.4

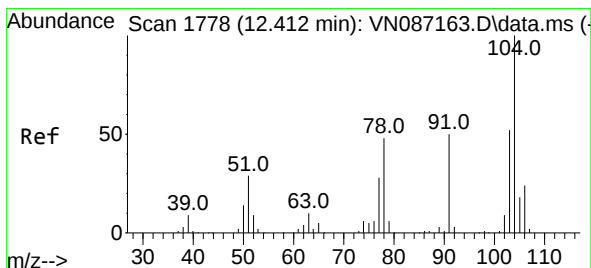
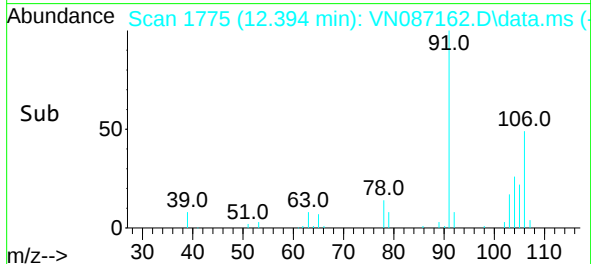
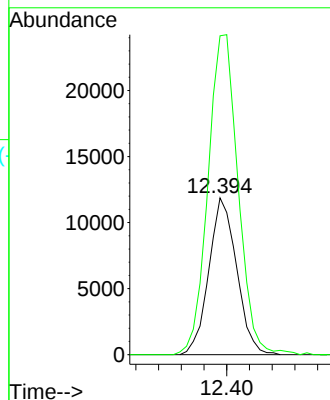
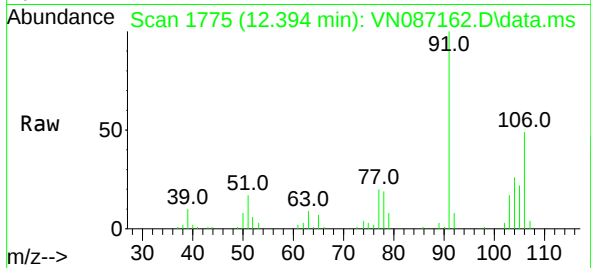




#68
o-Xylene
Concen: 4.795 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

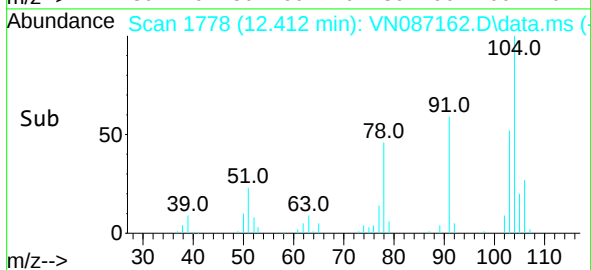
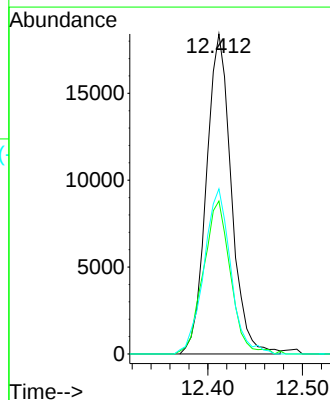
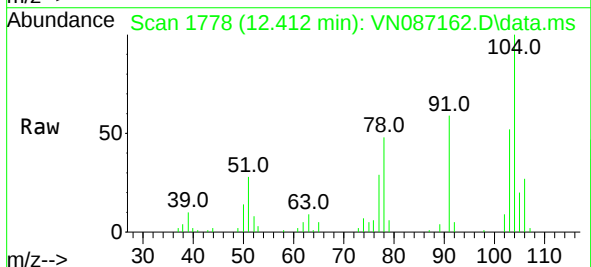
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

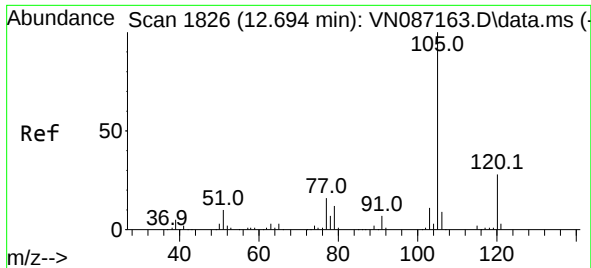
Tgt Ion:106 Resp: 20187
Ion Ratio Lower Upper
106 100
91 219.5 107.1 321.1



#69
Styrene
Concen: 4.664 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:104 Resp: 33711
Ion Ratio Lower Upper
104 100
78 51.3 39.8 59.8
103 55.4 44.2 66.4

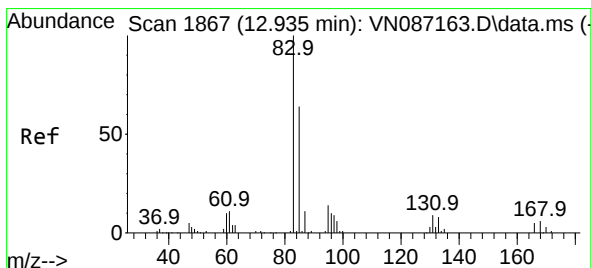
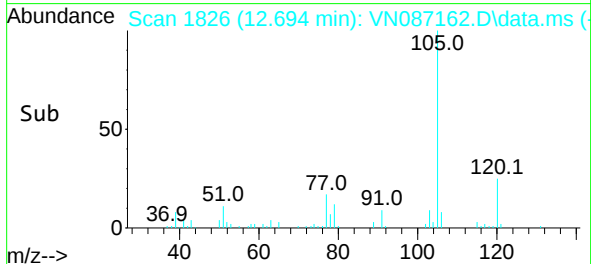
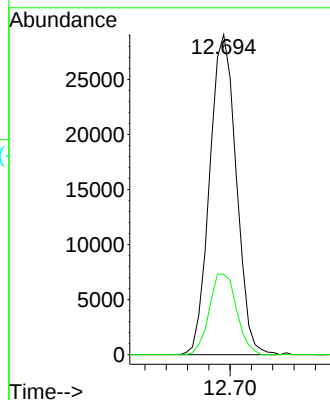
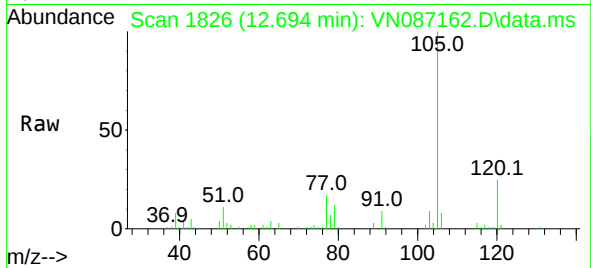




#70
Isopropylbenzene
Concen: 4.805 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

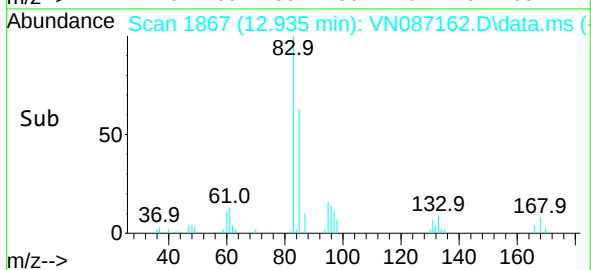
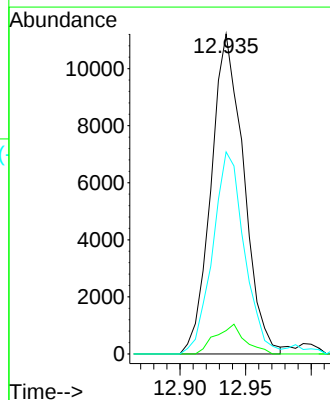
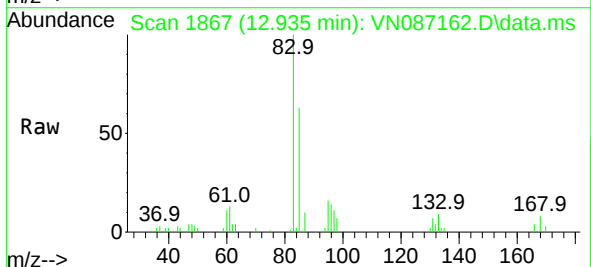
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

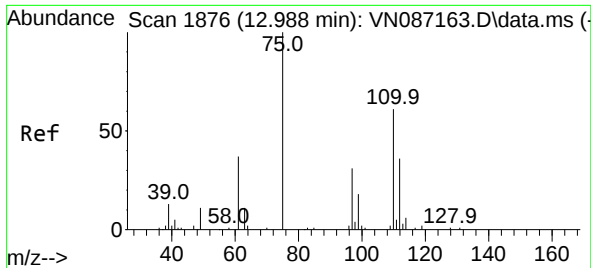
Tgt Ion:105 Resp: 50380
Ion Ratio Lower Upper
105 100
120 25.9 19.0 35.2



#71
1,1,2,2-Tetrachloroethane
Concen: 5.137 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 83 Resp: 19389
Ion Ratio Lower Upper
83 100
131 8.4 4.5 13.4
85 61.4 31.3 93.9

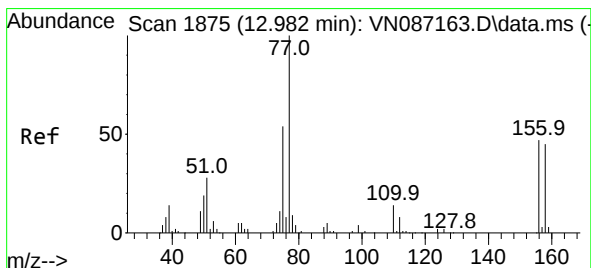
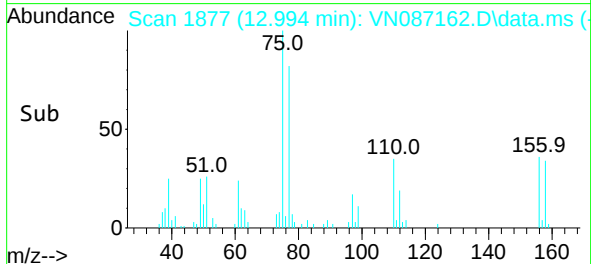
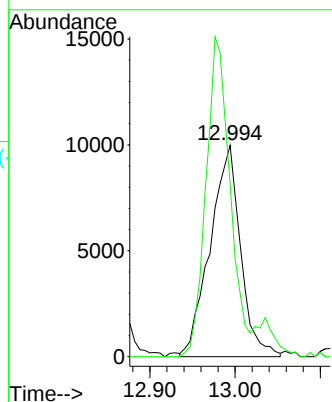
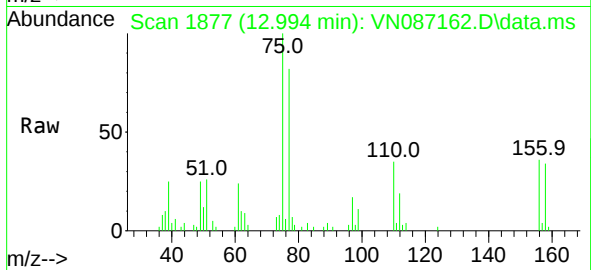




#72
1,2,3-Trichloropropane
Concen: 7.607 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

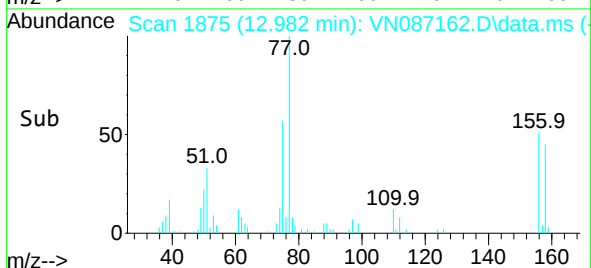
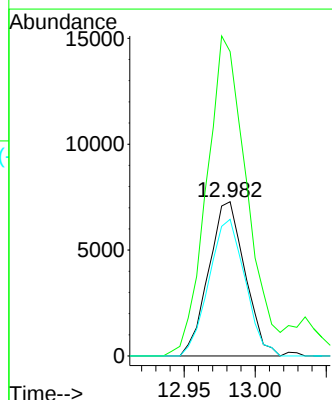
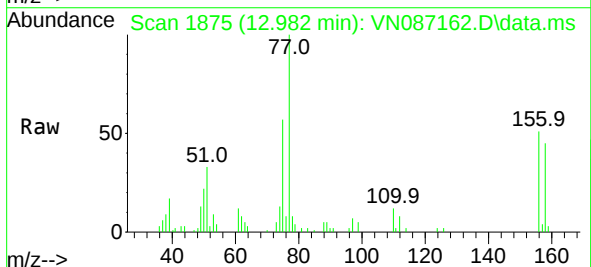
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

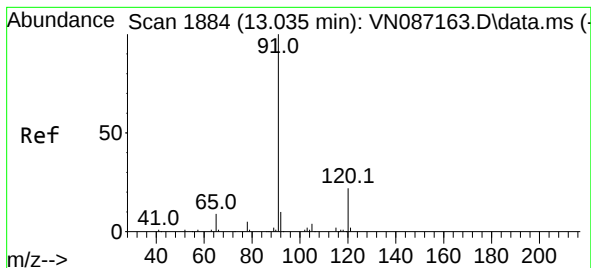
Tgt Ion: 75 Resp: 24758
Ion Ratio Lower Upper
75 100
77 119.6 0.0 379.2



#73
Bromobenzene
Concen: 5.078 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:156 Resp: 12917
Ion Ratio Lower Upper
156 100
77 229.3 0.0 489.0
158 88.4 0.0 195.2





#74

n-propylbenzene

Concen: 4.653 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

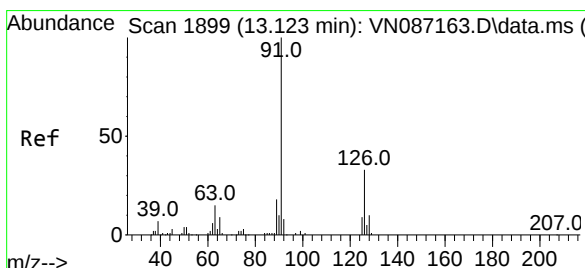
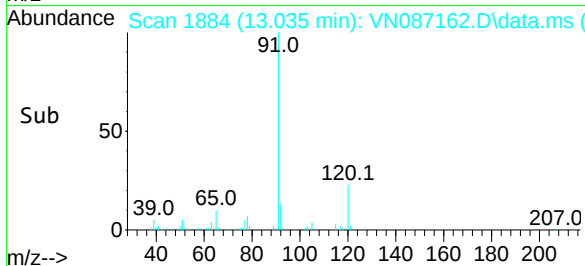
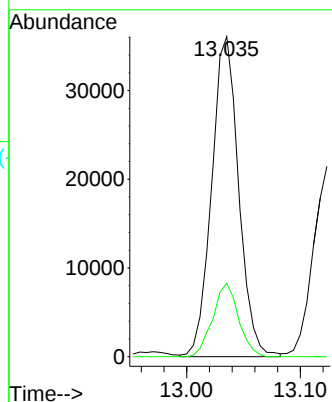
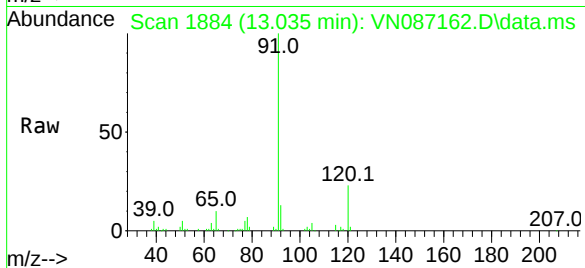
VSTDICC005

Tgt Ion: 91 Resp: 59601

Ion Ratio Lower Upper

91 100

120 21.9 0.0 43.6



#75

2-Chlorotoluene

Concen: 4.918 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN087162.D

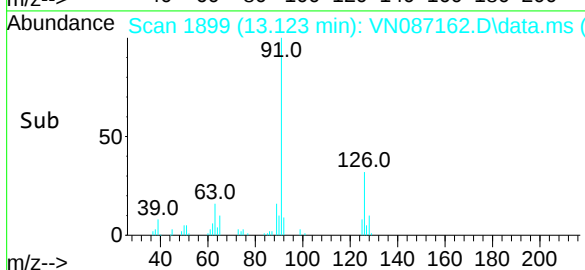
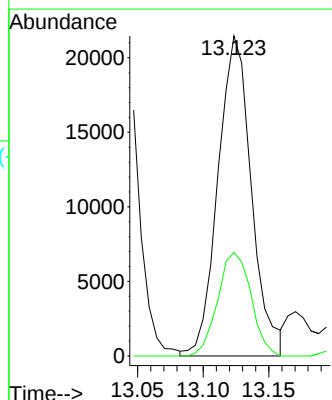
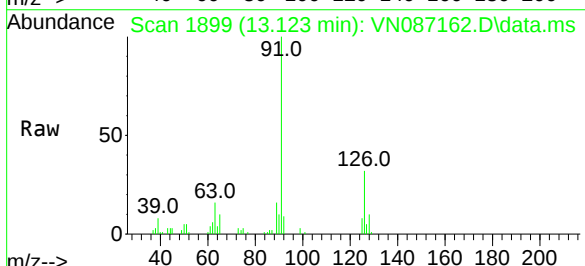
Acq: 25 Jun 2025 08:59

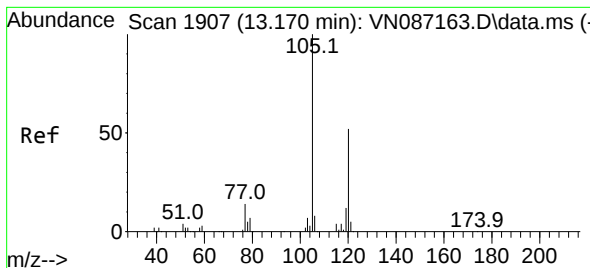
Tgt Ion: 91 Resp: 38061

Ion Ratio Lower Upper

91 100

126 32.1 0.0 63.8





#76

1,3,5-Trimethylbenzene

Concen: 4.638 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

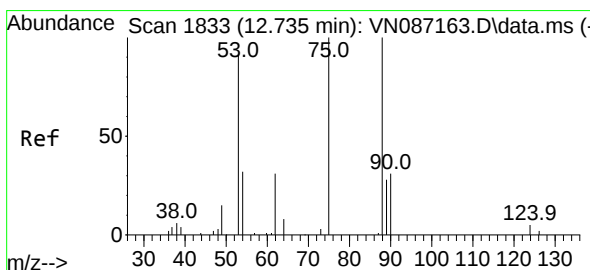
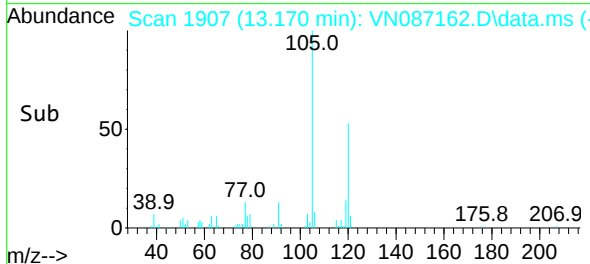
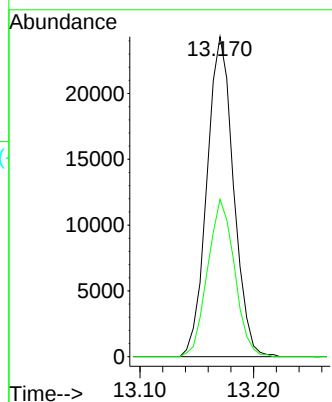
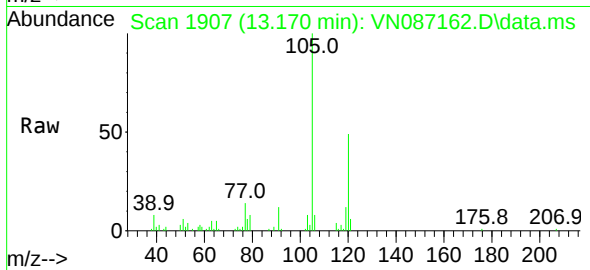
VSTDIC005

Tgt Ion:105 Resp: 39593

Ion Ratio Lower Upper

105 100

120 49.6 0.0 100.8



#77

t-1,4-Dichloro-2-butene

Concen: 4.499 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

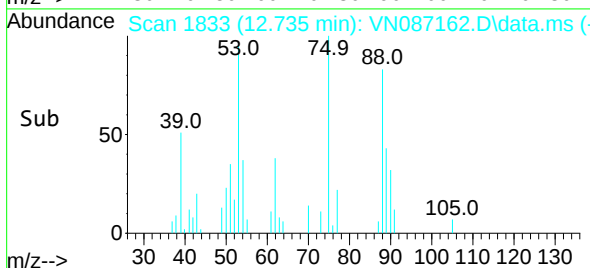
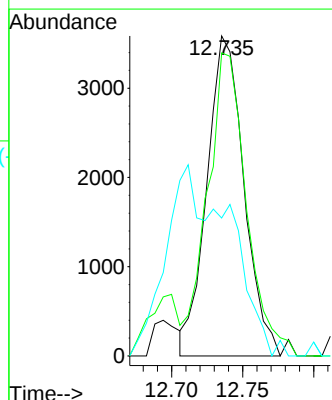
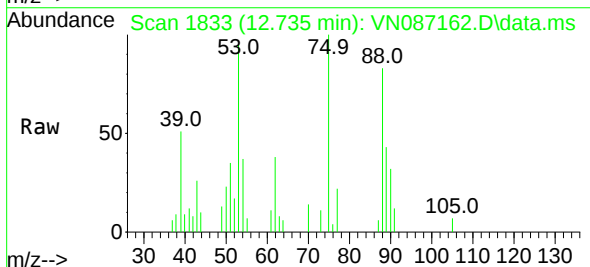
Tgt Ion: 75 Resp: 6495

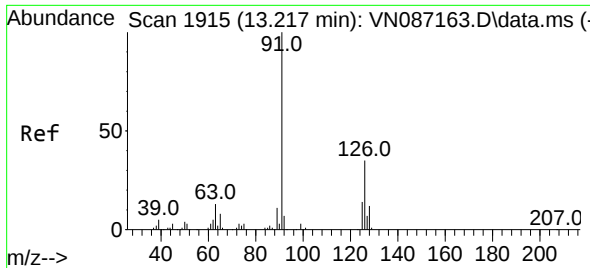
Ion Ratio Lower Upper

75 100

53 89.0 45.9 137.6

89 38.2 22.3 66.9

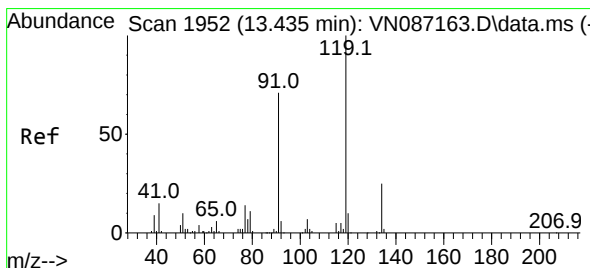
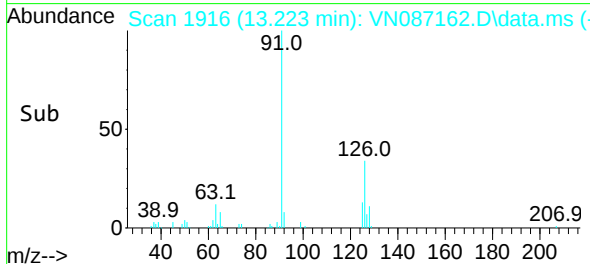
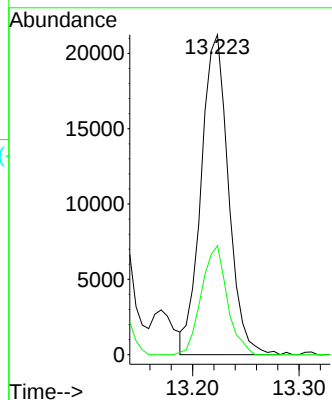
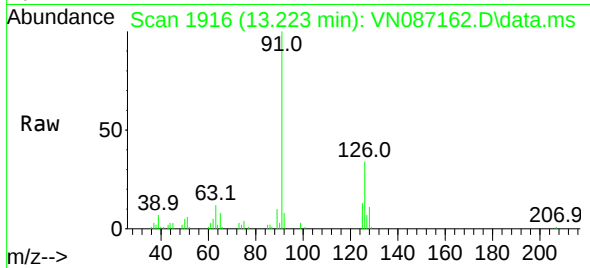




#78
4-Chlorotoluene
Concen: 4.778 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

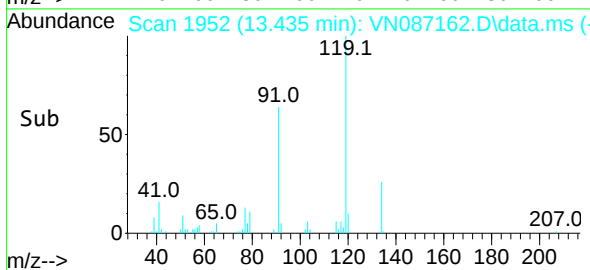
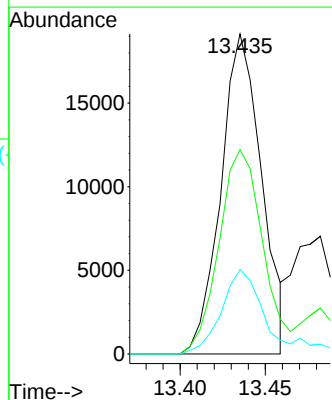
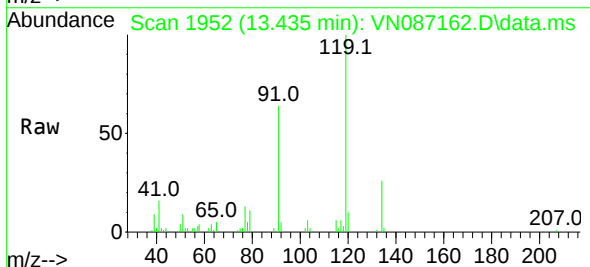
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

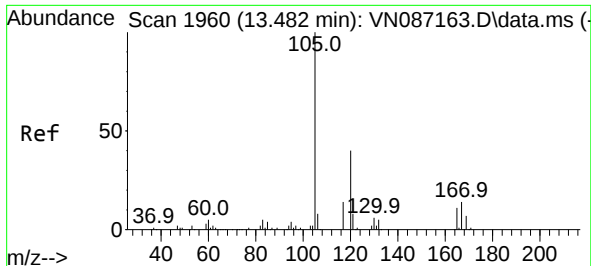
Tgt Ion: 91 Resp: 37874
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.2



#79
tert-butylbenzene
Concen: 4.434 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 119 Resp: 31816
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 26.1 0.0 49.4

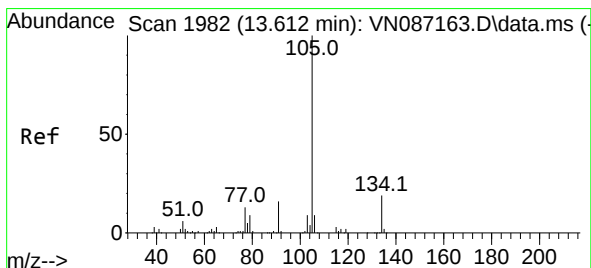
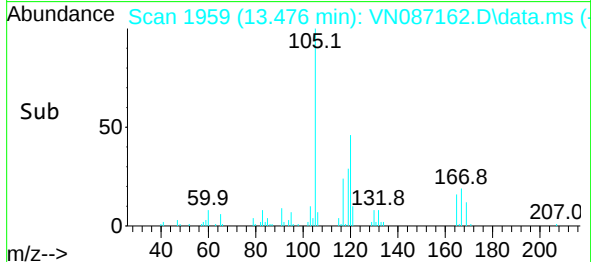
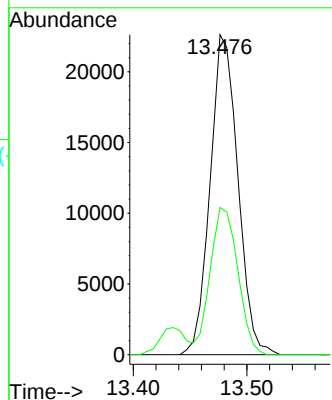
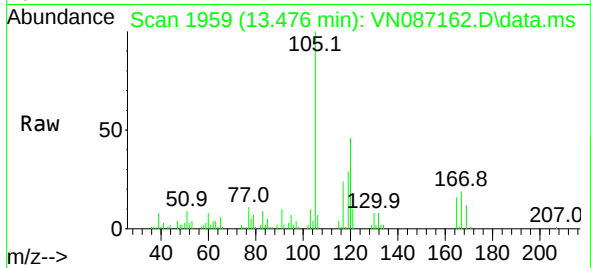




#80
1,2,4-Trimethylbenzene
Concen: 4.485 ug/l
RT: 13.476 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

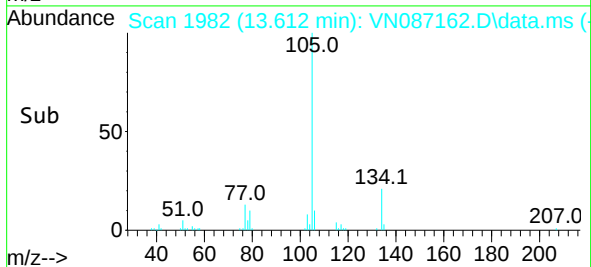
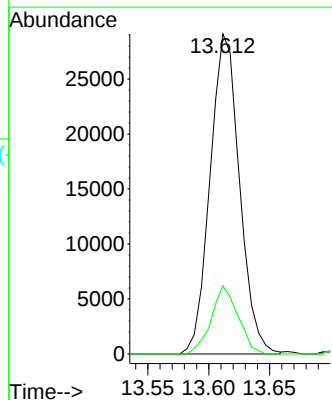
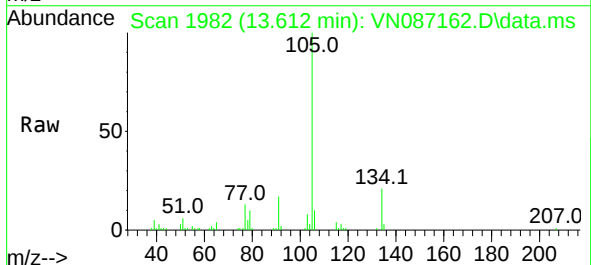
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

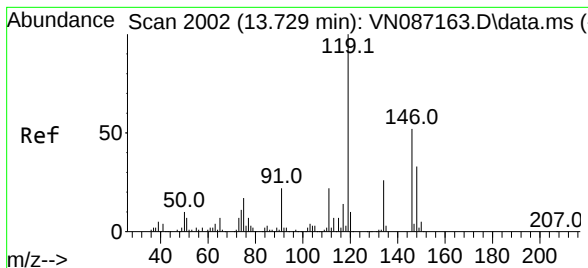
Tgt Ion:105 Resp: 38448
Ion Ratio Lower Upper
105 100
120 45.8 0.0 94.0



#81
sec-Butylbenzene
Concen: 4.690 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:105 Resp: 48920
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.4

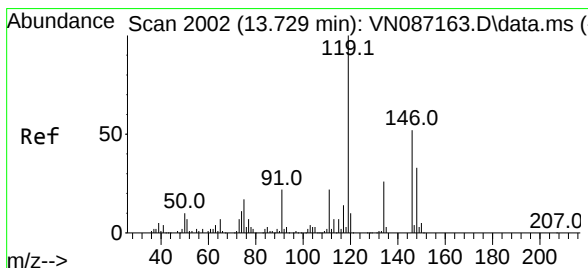
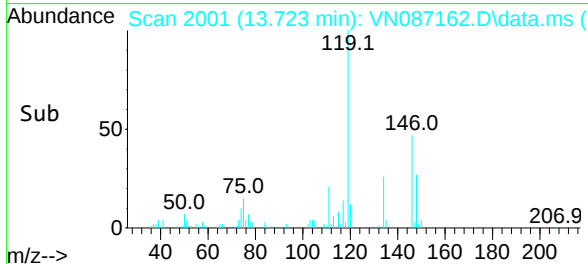
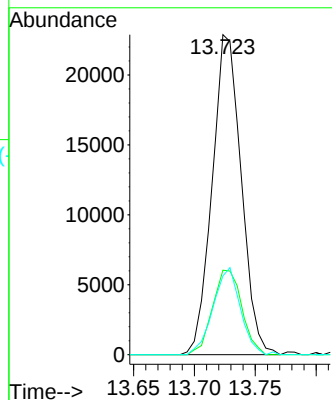
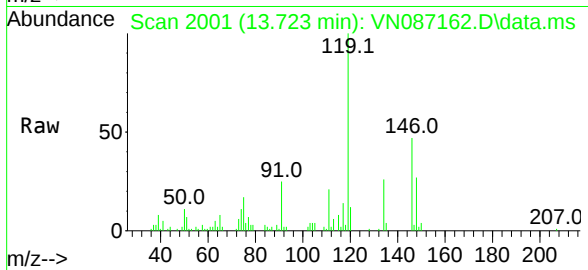




#82
p-Isopropyltoluene
Concen: 4.378 ug/l
RT: 13.723 min Scan# 2000
Delta R.T. -0.006 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

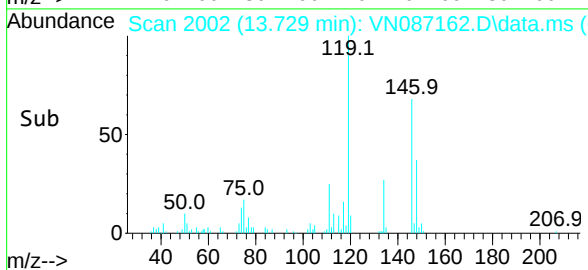
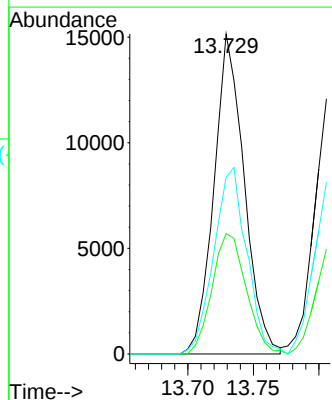
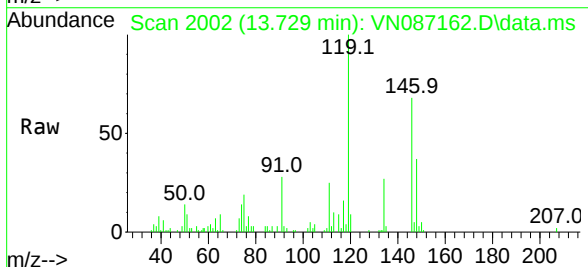
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

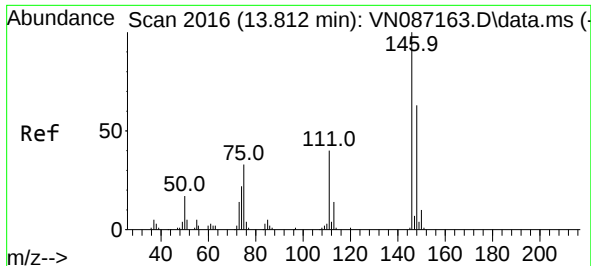
Tgt Ion:119 Resp: 37999
Ion Ratio Lower Upper
119 100
134 26.7 0.0 51.2
91 25.4 0.0 46.4



#83
1,3-Dichlorobenzene
Concen: 4.955 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:146 Resp: 24271
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 63.4 31.6 94.8

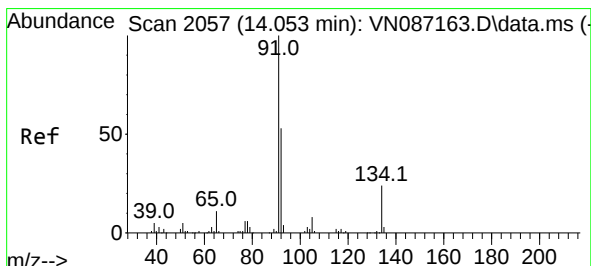
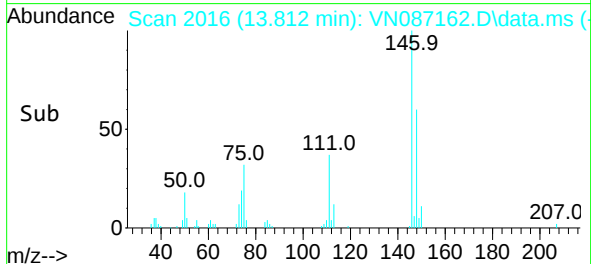
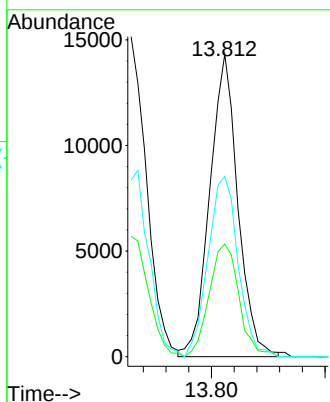
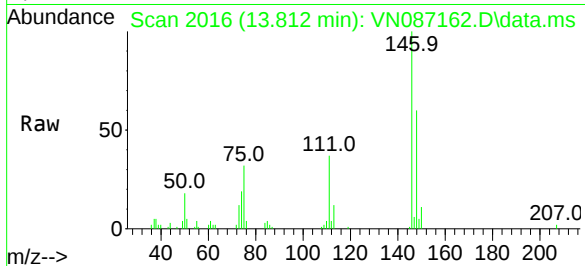




#84
1,4-Dichlorobenzene
Concen: 4.985 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

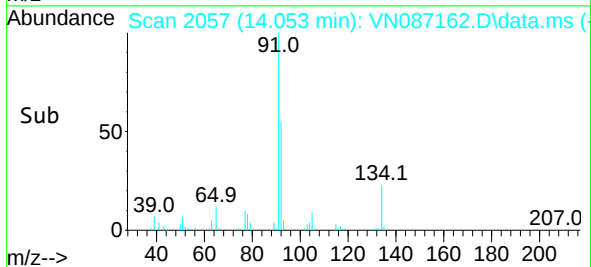
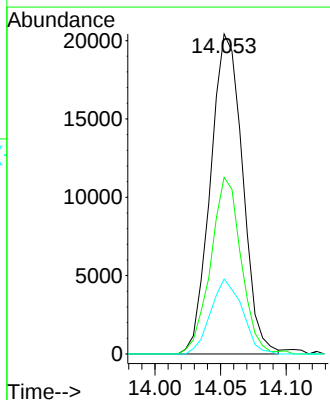
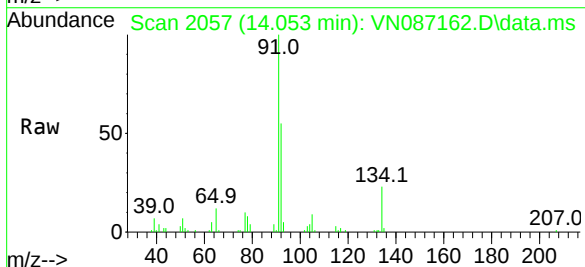
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

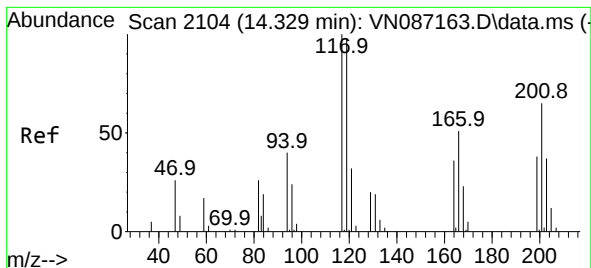
Tgt Ion:146 Resp: 24573
Ion Ratio Lower Upper
146 100
111 39.2 20.1 60.2
148 63.9 31.4 94.2



#85
n-Butylbenzene
Concen: 4.382 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion: 91 Resp: 34704
Ion Ratio Lower Upper
91 100
92 52.2 0.0 106.4
134 22.9 0.0 48.8





#86

Hexachloroethane

Concen: 5.091 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

Instrument :

MSVOA_N

ClientSampleId :

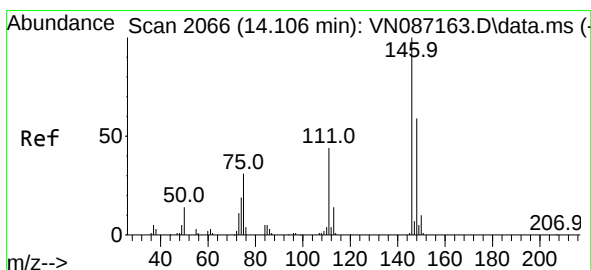
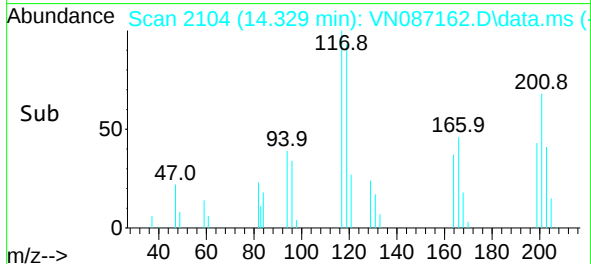
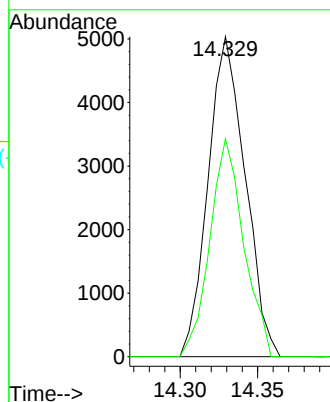
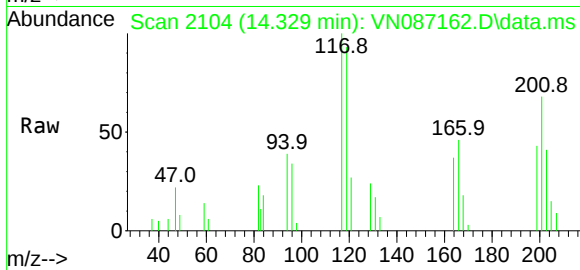
VSTDIC005

Tgt Ion:117 Resp: 8365

Ion Ratio Lower Upper

117 100

201 62.3 30.8 92.3



#87

1,2-Dichlorobenzene

Concen: 4.836 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN087162.D

Acq: 25 Jun 2025 08:59

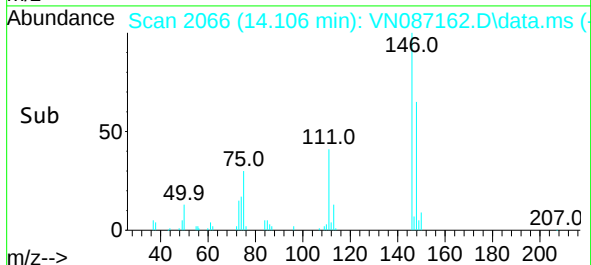
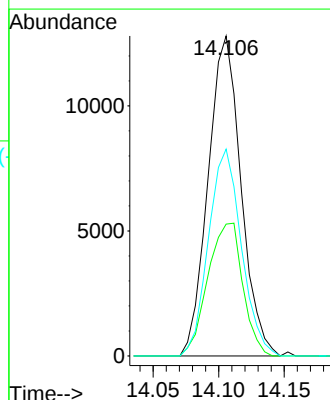
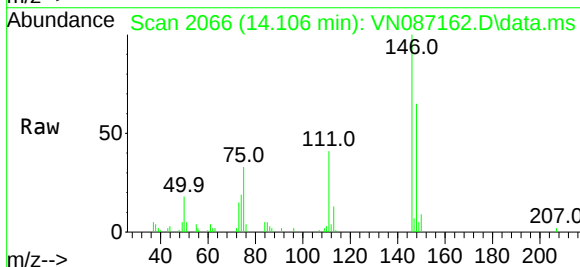
Tgt Ion:146 Resp: 22335

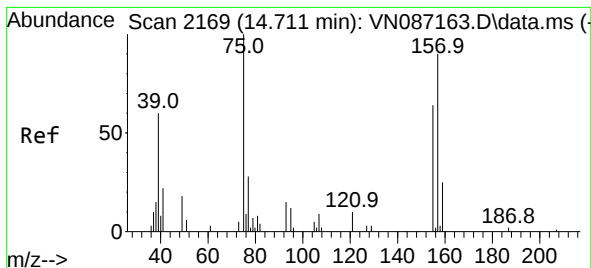
Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.1

148 64.6 31.6 95.0

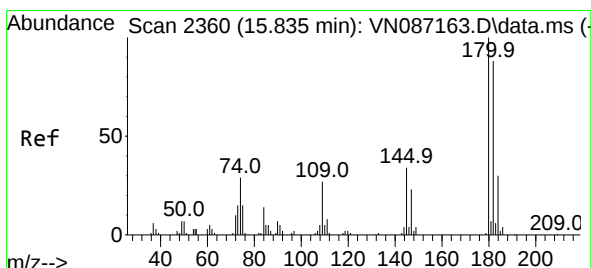
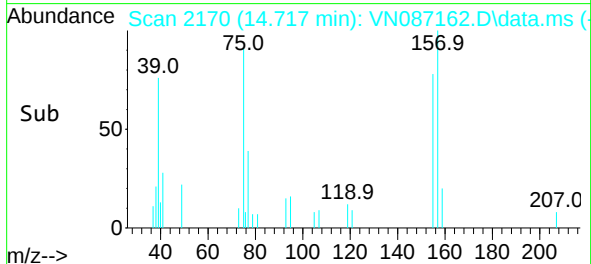
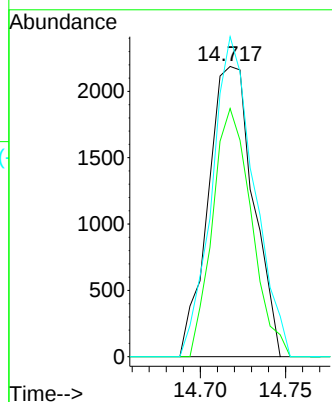
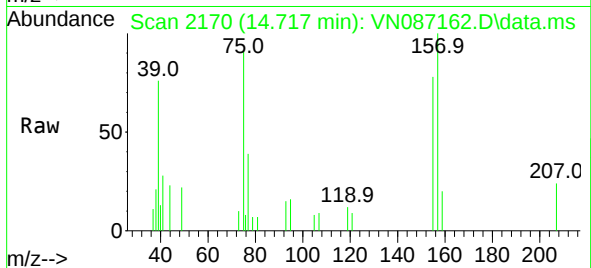




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.751 ug/l
 RT: 14.717 min Scan# 2169
 Delta R.T. 0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

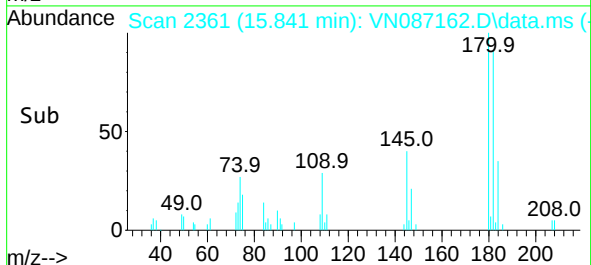
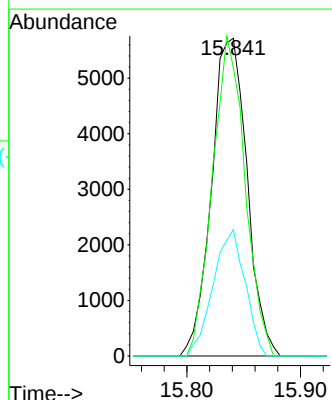
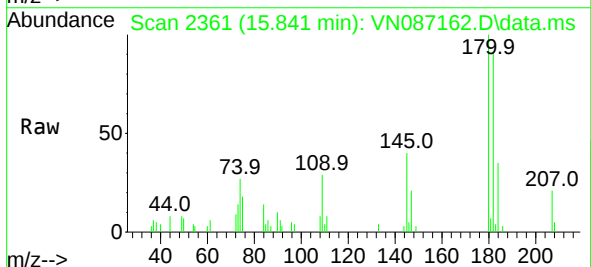
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

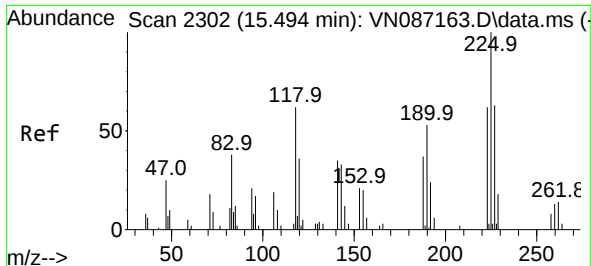
Tgt Ion: 75 Resp: 4038
 Ion Ratio Lower Upper
 75 100
 155 73.7 58.3 87.5
 157 102.6 79.2 118.8



#89
 1,2,4-Trichlorobenzene
 Concen: 4.746 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Tgt Ion: 180 Resp: 12402
 Ion Ratio Lower Upper
 180 100
 182 92.2 74.2 111.2
 145 35.8 27.6 41.4

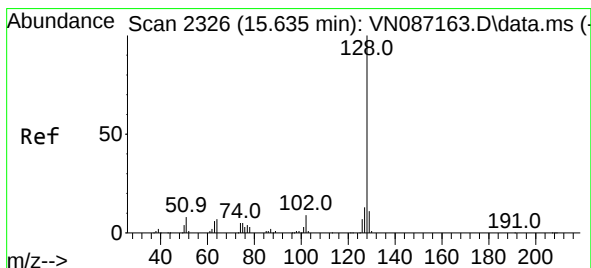
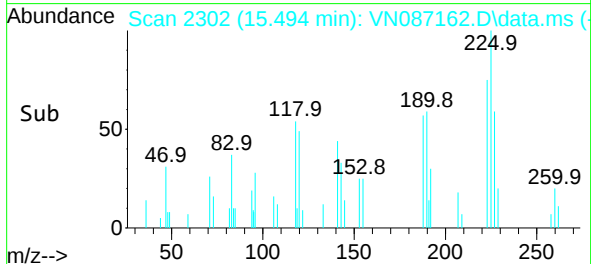
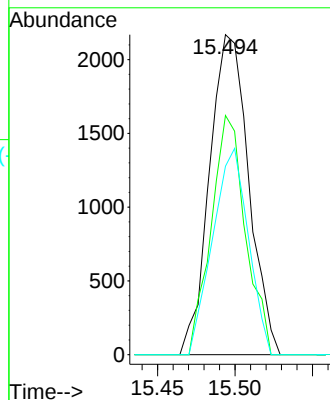
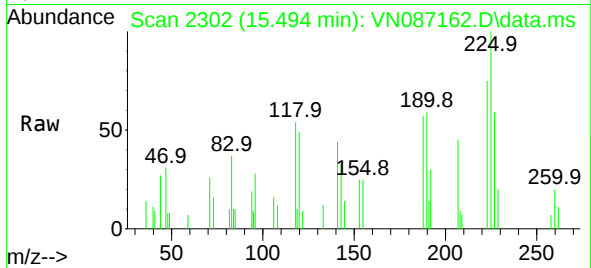




#90
Hexachlorobutadiene
Concen: 4.920 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

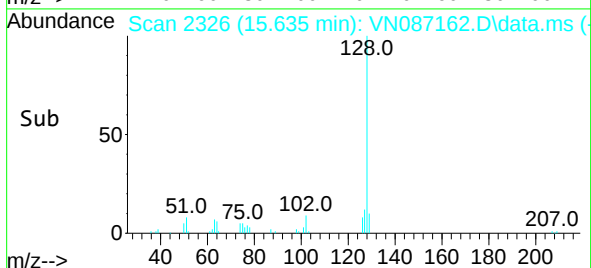
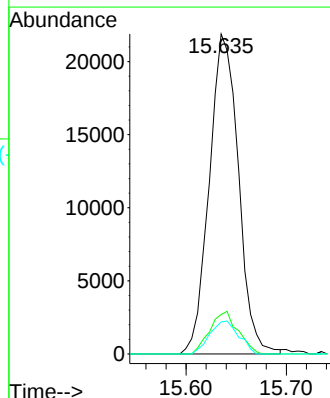
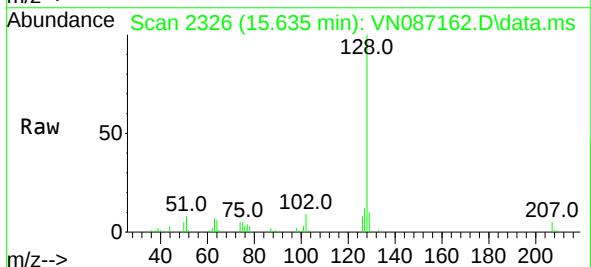
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

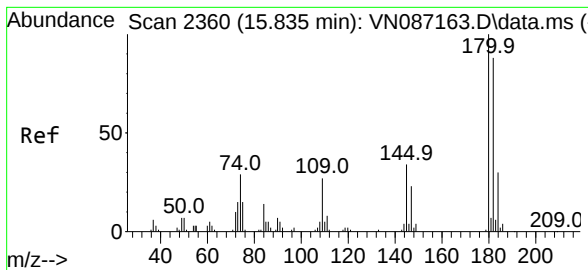
Tgt Ion:	225	Resp:	3815
Ion	Ratio	Lower	Upper
225	100		
223	65.3	0.0	134.2
227	58.6	0.0	122.6



#91
Naphthalene
Concen: 4.302 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087162.D
Acq: 25 Jun 2025 08:59

Tgt Ion:	128	Resp:	44237
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.2	8.8	13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 4.746 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087162.D
 Acq: 25 Jun 2025 08:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:	180	Resp:	12402
Ion Ratio	Lower	Upper	
180	100		
182	92.2	0.0	185.4
145	35.8	0.0	69.0

