

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087166.D
 Acq On : 25 Jun 2025 10:24
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 25 15:25:14 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	34436	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	194011	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	186774	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	74130	28.571	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.233%
60) 4-Bromofluorobenzene	12.847	95	87432	30.336	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.133%
63) Toluene-d8	10.571	98	247397	29.501	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.333%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	328743	158.590	ug/l	99
3) Chloromethane	2.395	50	344616	162.767	ug/l	100
4) Vinyl Chloride	2.553	62	380413	165.319	ug/l	96
5) Bromomethane	2.965	94	196072	160.555	ug/l	95
6) Chloroethane	3.142	64	199925	161.966	ug/l	98
7) Trichlorofluoromethane	3.518	101	438423	155.330	ug/l	99
8) Diethyl Ether	3.977	74	228664	164.894	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.394	101	330508	157.939	ug/l #	88
10) 1,1-Dichloroethene	4.365	96	332121	159.215	ug/l	97
11) Methyl Iodide	4.612	142	363941	194.744	ug/l	96
12) Methyl Acetate	5.047	43	529248	161.749	ug/l	99
13) Acrolein	4.200	56	494100	982.740	ug/l	100
14) Acrylonitrile	5.736	53	1229651	805.689	ug/l	100
15) Acetone	4.447	58	335530	753.668	ug/l	91
16) Carbon Disulfide	4.736	76	934684	153.251	ug/l	99
17) Allyl chloride	5.042	41	547297	159.070	ug/l	92
18) Methylene Chloride	5.294	84	370628	153.369	ug/l	98
19) trans-1,2-Dichloroethene	5.806	96	353679	155.038	ug/l	97
20) Diisopropyl ether	6.688	45	1127057	154.399	ug/l	96
21) 1,1-Dichloroethane	6.583	63	665820	152.613	ug/l	99
22) cis-1,2-Dichloroethene	7.500	96	431407	162.490	ug/l	96
23) tert-Butyl Alcohol	5.547	59	464693	809.606	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	1188591	162.463	ug/l	97
25) Chloroform	7.977	83	646145	154.590	ug/l	99
26) Cyclohexane	8.265	56	593136	163.558	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	485720	160.626	ug/l	100
30) 2-Butanone	7.494	43	1653884	810.801	ug/l	98
31) 2,2-Dichloropropane	7.500	77	567545	155.482	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	547772	155.055	ug/l	98
33) Carbon Tetrachloride	8.371	117	465916	156.717	ug/l	99
34) Benzene	8.612	78	1449530	151.309	ug/l	97
35) Methacrylonitrile	7.788	41	324629	157.915	ug/l	94
36) 1,2-Dichloroethane	8.677	62	456777	147.574	ug/l	98
37) Trichloroethene	9.359	130	344162	155.753	ug/l	91
38) Methylcyclohexane	9.606	83	564171	162.602	ug/l	96
39) 1,2-Dichloropropane	9.624	63	370597	154.127	ug/l	98
40) Dibromomethane	9.712	93	248835	152.193	ug/l	98
41) Bromodichloromethane	9.888	83	509473	154.377	ug/l	98
42) Vinyl Acetate	6.618	43	5152202	776.574	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087166.D
 Acq On : 25 Jun 2025 10:24
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

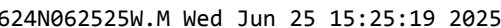
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

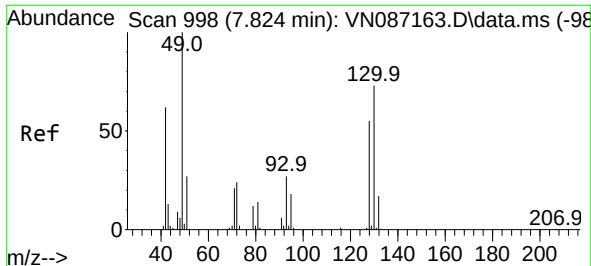
Quant Time: Jun 25 15:25:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	596805	162.074	ug/l	97
44) Isopropyl Acetate	8.694	43	922972	153.841	ug/l	96
45) 1,4-Dioxane	9.706	88	136174	3355.337	ug/l #	93
46) Methyl methacrylate	9.682	41	448002	160.629	ug/l	98
47) n-amyl Acetate	12.500	43	635191	173.169	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	593288	161.262	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	629822	161.034	ug/l	99
50) 1,1,2-Trichloroethane	11.018	97	355131	152.906	ug/l	98
51) Ethyl methacrylate	10.876	69	631073	178.522	ug/l	97
52) 1,3-Dichloropropane	11.165	76	622735	156.179	ug/l	98
53) Dibromochloromethane	11.359	129	393072	161.228	ug/l	98
54) 1,2-Dibromoethane	11.470	107	376916	157.299	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	1674601	826.456	ug/l	99
56) Bromoform	12.576	173	267364	159.528	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	2972532	791.652	ug/l	97
59) 2-Hexanone	11.200	43	2111404	870.824	ug/l	98
61) Tetrachloroethene	11.106	164	281420	152.149	ug/l	97
62) Toluene	10.629	91	1606715	152.314	ug/l	98
64) Chlorobenzene	11.894	112	1032685	153.471	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	340847	153.308	ug/l	99
66) Ethyl Benzene	11.965	91	1822466	157.842	ug/l	99
67) m/p-Xylenes	12.070	106	1394481	315.174	ug/l	99
68) o-Xylene	12.394	106	672570	159.333	ug/l	99
69) Styrene	12.412	104	1159533	160.007	ug/l	98
70) Isopropylbenzene	12.694	105	1669808	158.835	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	567347	149.931	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	788508	241.640	ug/l	52
73) Bromobenzene	12.976	156	398769	156.370	ug/l	96
74) n-propylbenzene	13.035	91	2036919	158.598	ug/l	98
75) 2-Chlorotoluene	13.123	91	1222718	157.581	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	1356652	158.518	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	240560	166.195	ug/l	94
78) 4-Chlorotoluene	13.217	91	1255673	158.007	ug/l	99
79) tert-butylbenzene	13.435	119	1162060	161.530	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	1387864	161.492	ug/l	100
81) sec-Butylbenzene	13.612	105	1597517	152.758	ug/l	99
82) p-Isopropyltoluene	13.729	119	1349971	155.116	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	729988	148.650	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	736335	148.985	ug/l	99
85) n-Butylbenzene	14.053	91	1220446	153.699	ug/l	99
86) Hexachloroethane	14.329	117	249792	151.628	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	693617	149.799	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	137557	161.439	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	429237	163.850	ug/l	97
90) Hexachlorobutadiene	15.500	225	120167	154.580	ug/l	98
91) Naphthalene	15.635	128	1756242	170.340	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	429237	163.850	ug/l	97

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

Quant Time: Jun 25 15:25:14 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

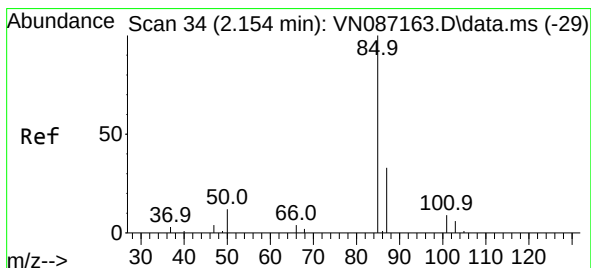
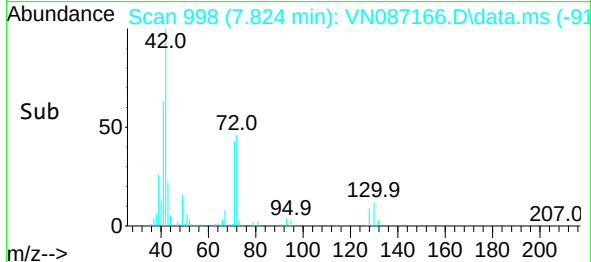
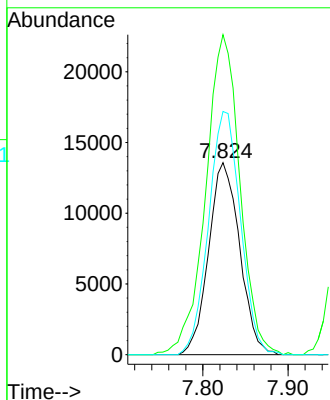
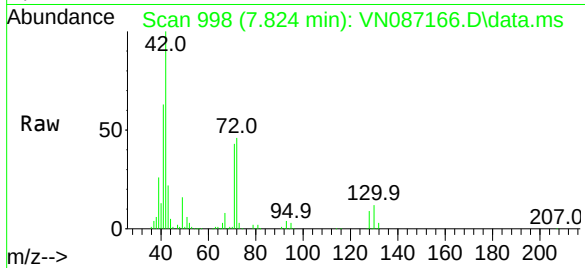




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

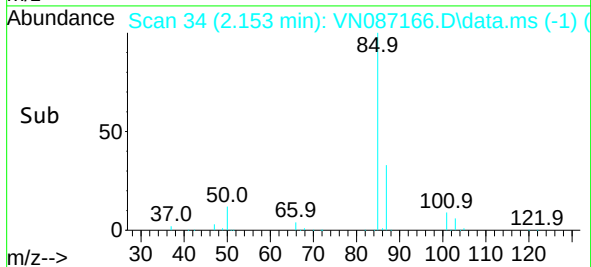
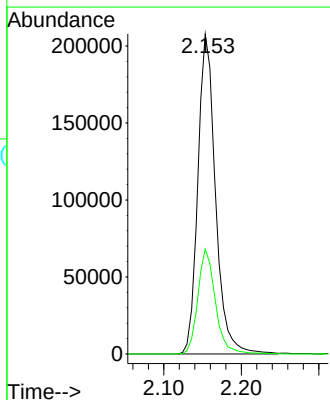
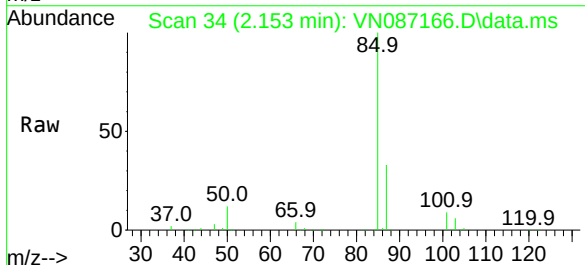
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

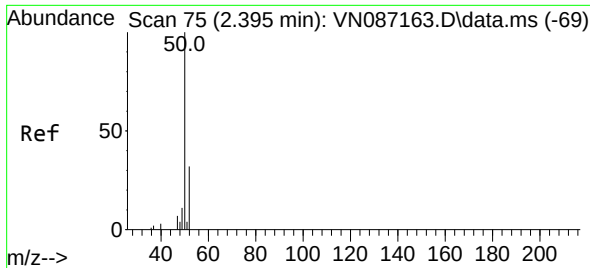
Tgt Ion:128 Resp: 34436
Ion Ratio Lower Upper
128 100
49 183.2 0.0 450.5
130 129.8 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 158.590 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 85 Resp: 328743
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0

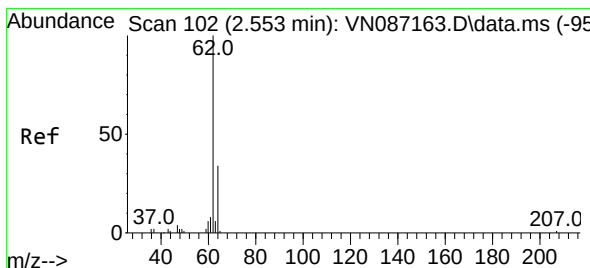
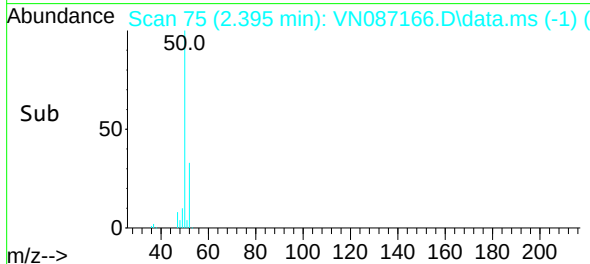
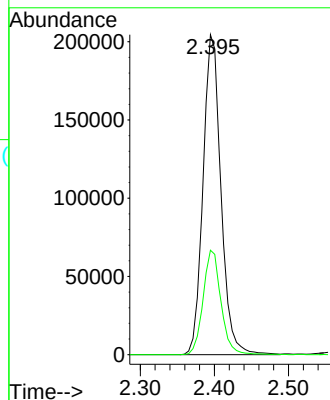
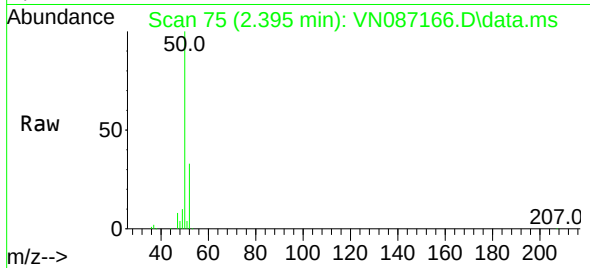




#3
Chloromethane
Concen: 162.767 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

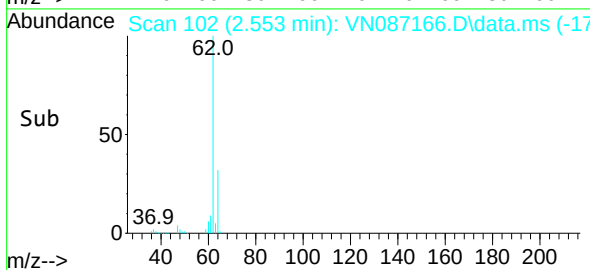
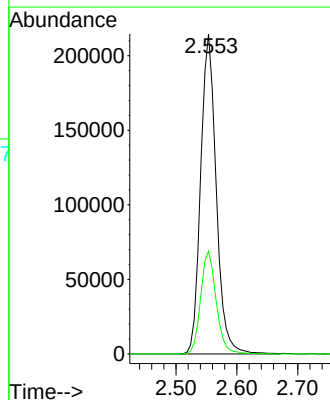
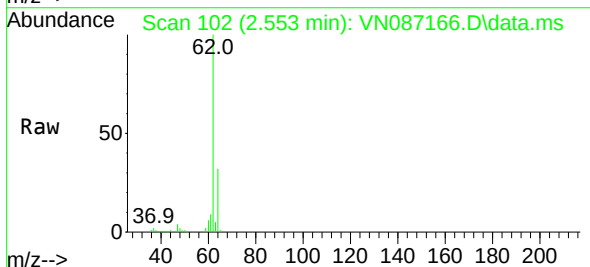
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

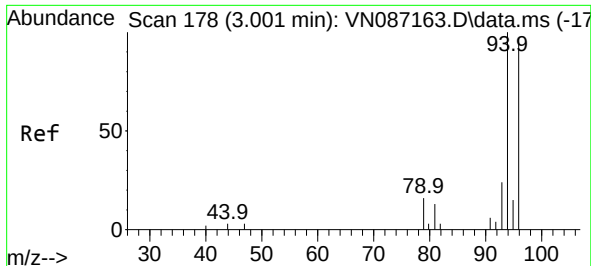
Tgt Ion: 50 Resp: 344616
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9



#4
Vinyl Chloride
Concen: 165.319 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 62 Resp: 380413
Ion Ratio Lower Upper
62 100
64 32.2 27.4 41.2

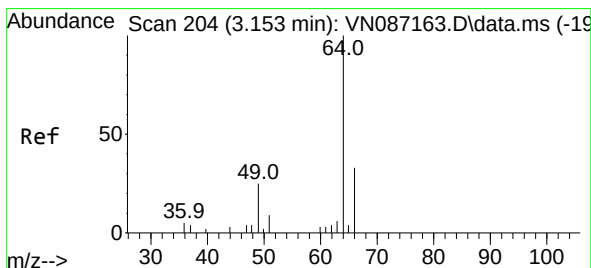
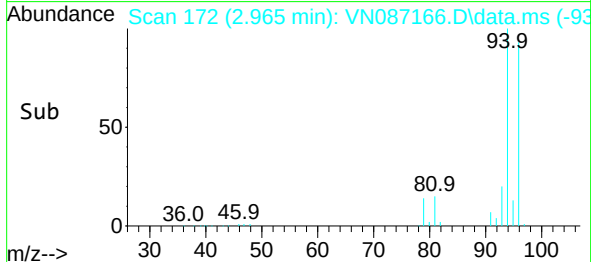
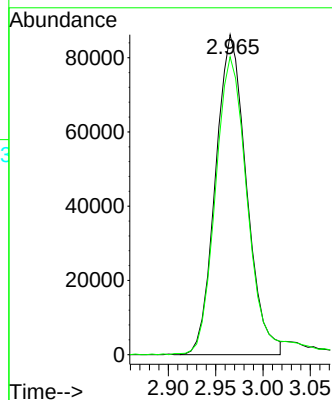
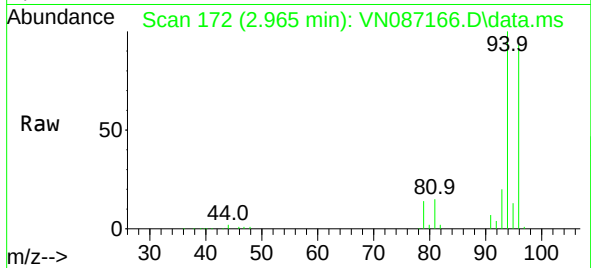




#5
Bromomethane
Concen: 160.555 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

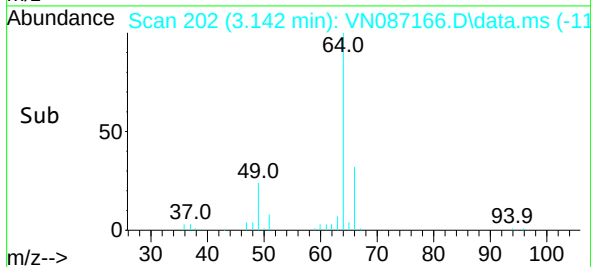
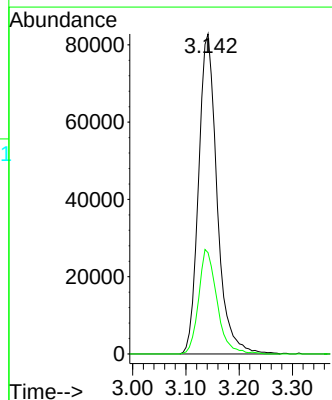
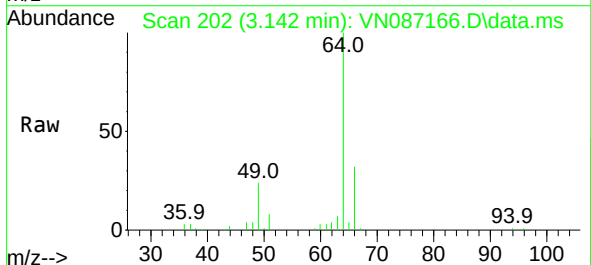
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

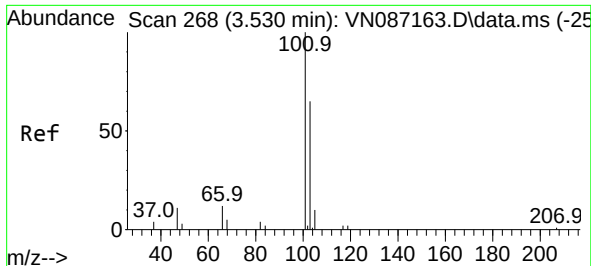
Tgt Ion: 94 Resp: 196072
Ion Ratio Lower Upper
94 100
96 92.8 77.9 116.9



#6
Chloroethane
Concen: 161.966 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 64 Resp: 199925
Ion Ratio Lower Upper
64 100
66 31.6 26.4 39.6

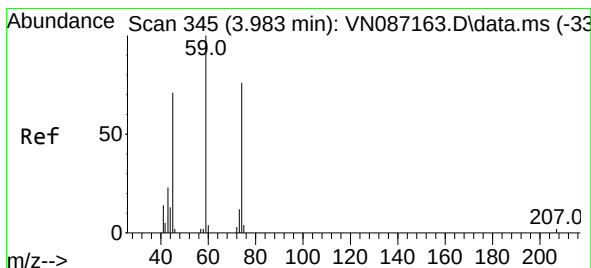
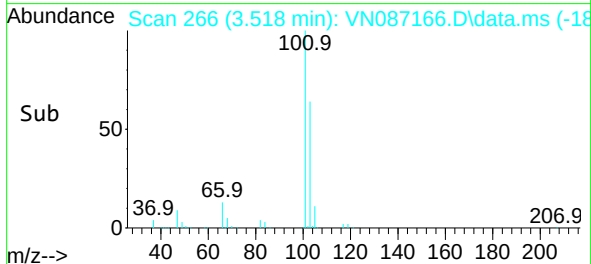
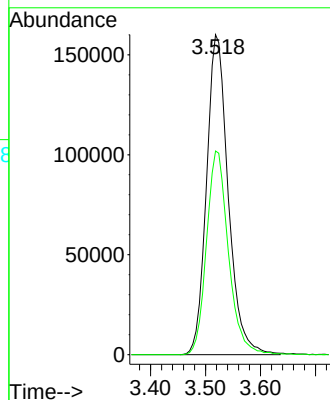
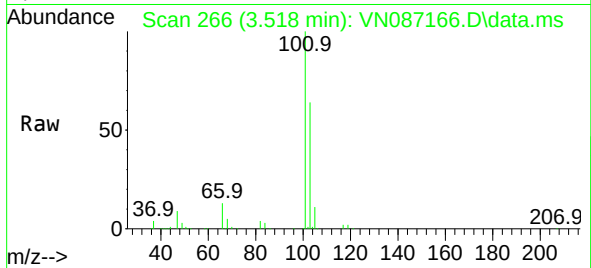




#7
Trichlorofluoromethane
Concen: 155.330 ug/l
RT: 3.518 min Scan# 20
Delta R.T. -0.012 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

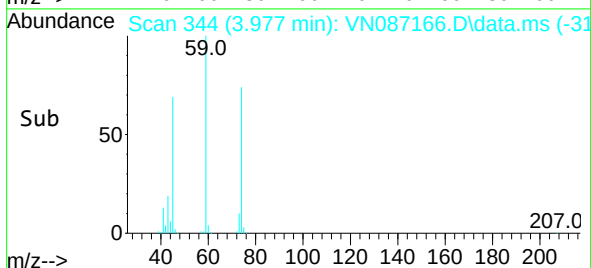
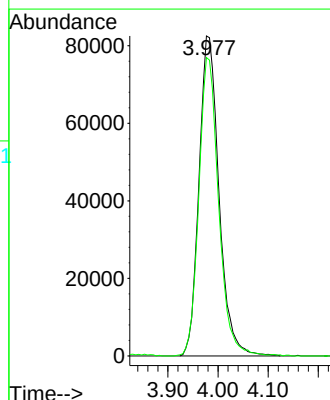
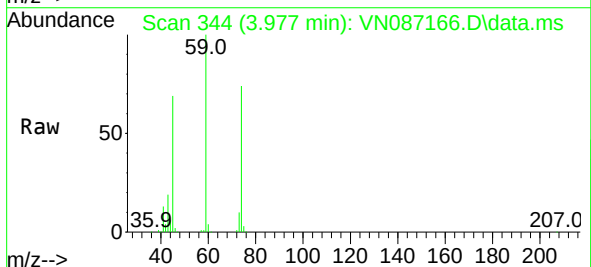
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

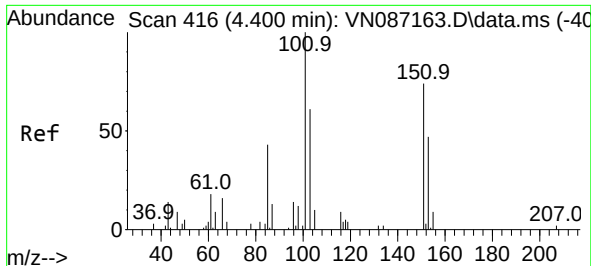
Tgt Ion:101 Resp: 438423
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.8



#8
Diethyl Ether
Concen: 164.894 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 74 Resp: 228664
Ion Ratio Lower Upper
74 100
45 92.4 19.0 171.0

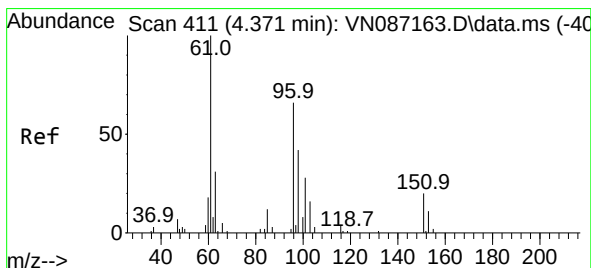
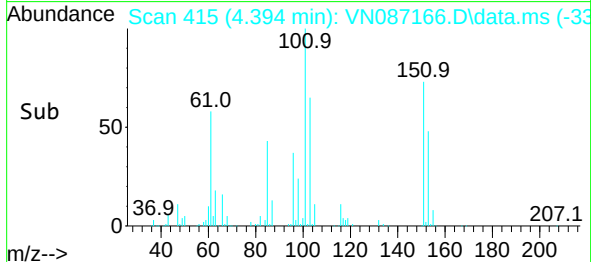
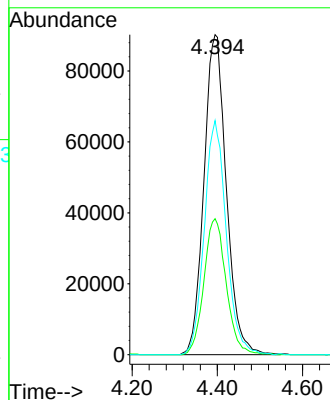
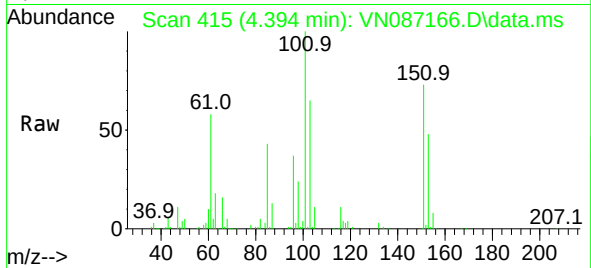




#9
1,1,2-Trichlorotrifluoroethane
Concen: 157.939 ug/l
RT: 4.394 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

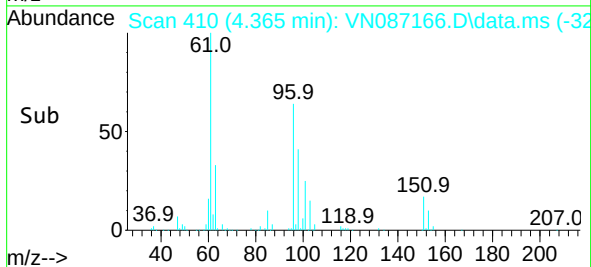
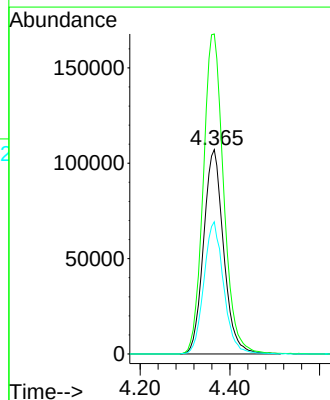
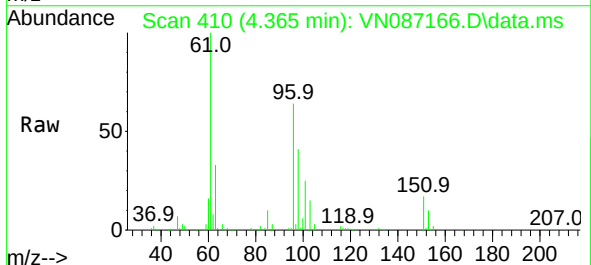
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

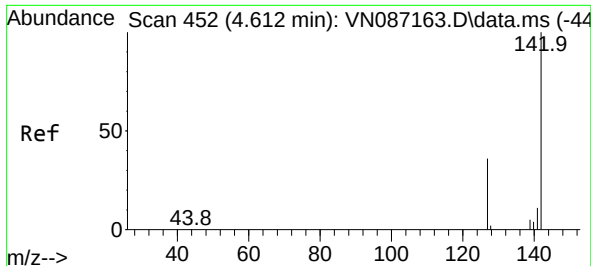
Tgt Ion:101 Resp: 330508
Ion Ratio Lower Upper
101 100
85 42.2 0.0 40.6#
151 71.6 0.0 141.2



#10
1,1-Dichloroethene
Concen: 159.215 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

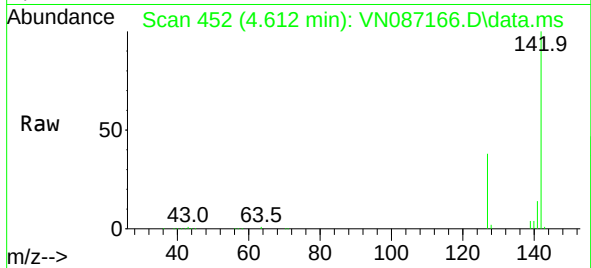
Tgt Ion: 96 Resp: 332121
Ion Ratio Lower Upper
96 100
61 156.6 122.0 183.0
98 64.7 50.3 75.5



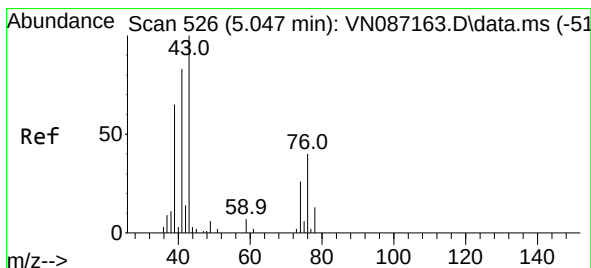
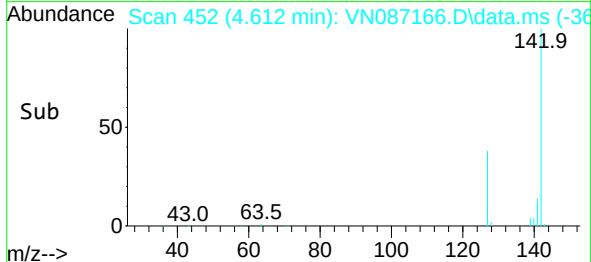
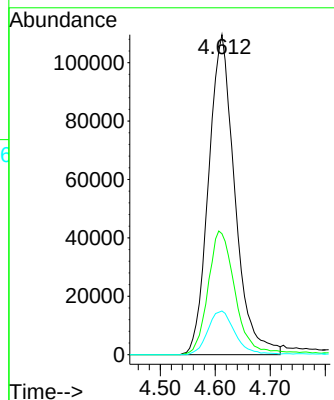


#11
Methyl Iodide
Concen: 194.744 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

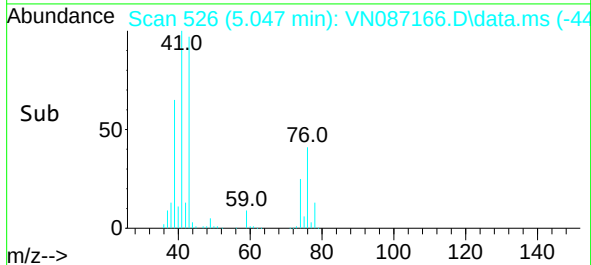
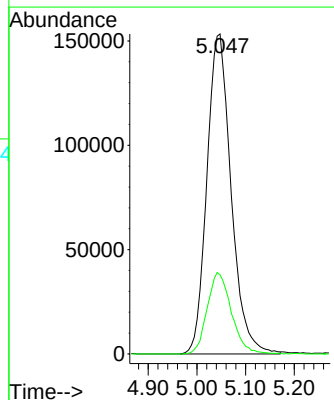
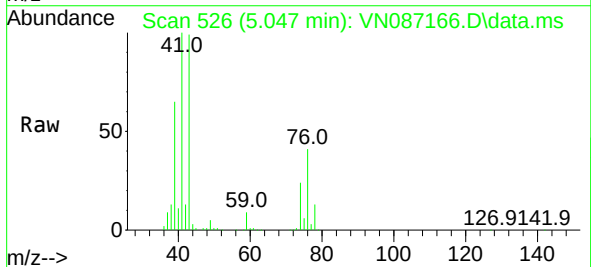


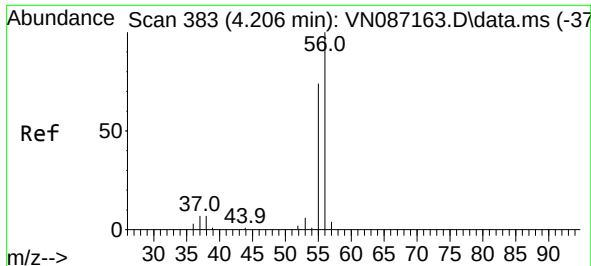
Tgt Ion:142 Resp: 363941
Ion Ratio Lower Upper
142 100
127 37.7 18.1 54.1
141 13.7 5.7 17.1



#12
Methyl Acetate
Concen: 161.749 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 43 Resp: 529248
Ion Ratio Lower Upper
43 100
74 24.7 20.3 30.5





#13

Acrolein

Concen: 982.740 ug/l

RT: 4.200 min Scan# 383

Delta R.T. -0.006 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

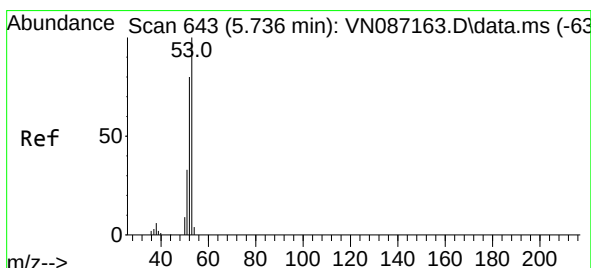
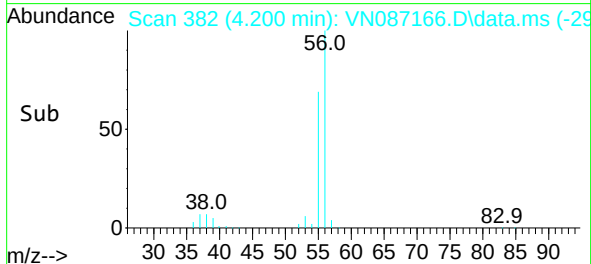
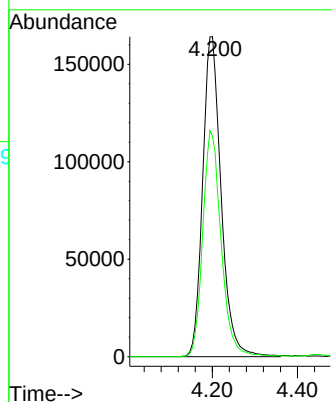
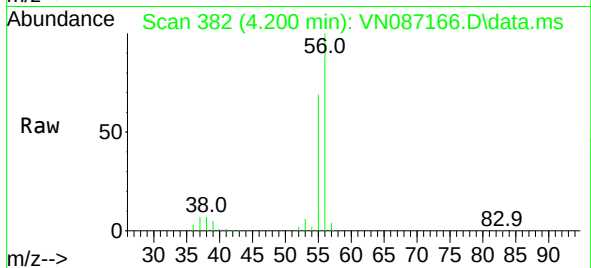
VSTDIC150

Tgt Ion: 56 Resp: 494100

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Acrylonitrile

Concen: 805.689 ug/l

RT: 5.736 min Scan# 643

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

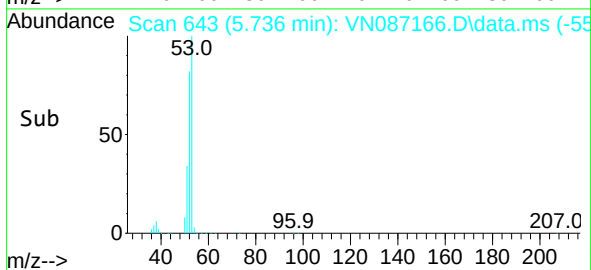
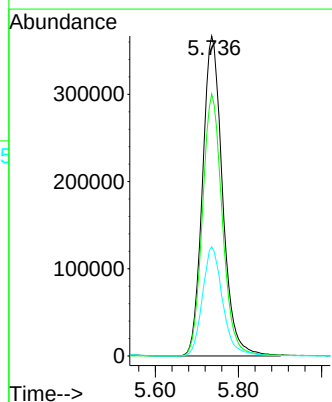
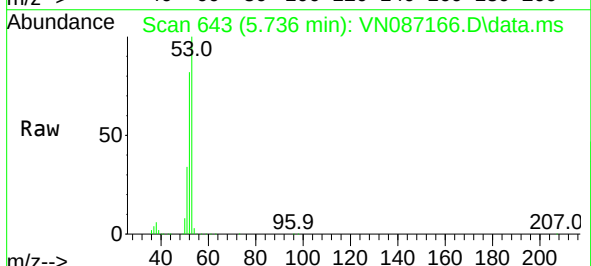
Tgt Ion: 53 Resp: 1229651

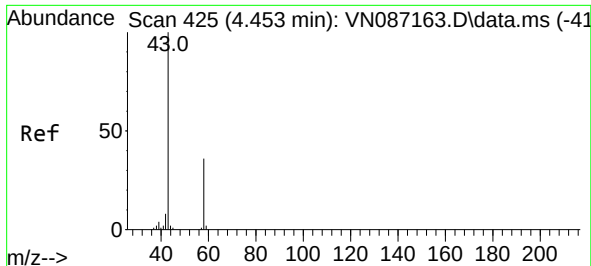
Ion Ratio Lower Upper

53 100

52 81.2 40.5 121.5

51 34.5 16.9 50.7





#15

Acetone

Concen: 753.668 ug/l

RT: 4.447 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

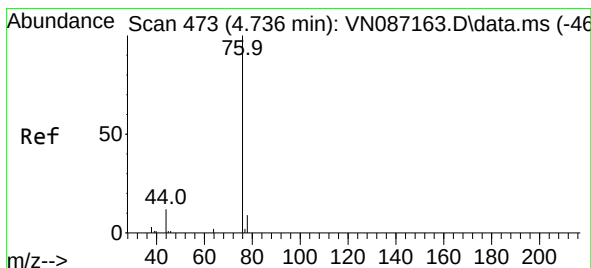
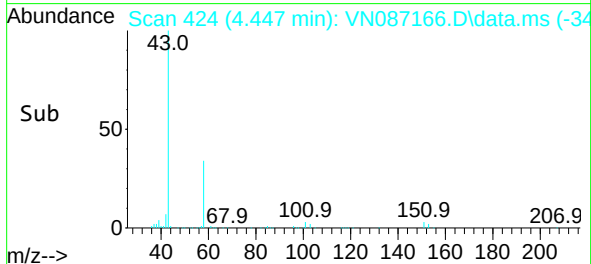
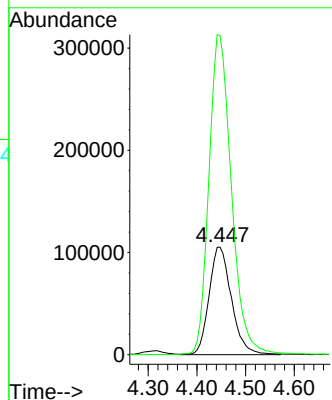
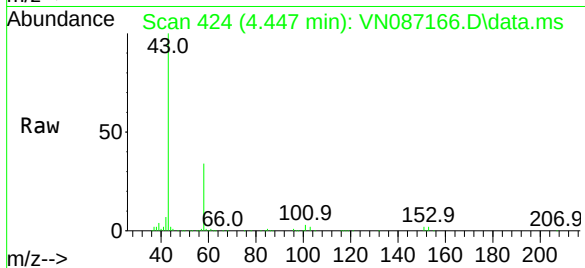
VSTDIC150

Tgt Ion: 58 Resp: 335530

Ion Ratio Lower Upper

58 100

43 297.6 224.3 336.5



#16

Carbon Disulfide

Concen: 153.251 ug/l

RT: 4.736 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN087166.D

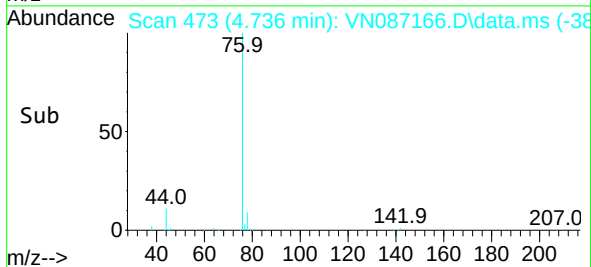
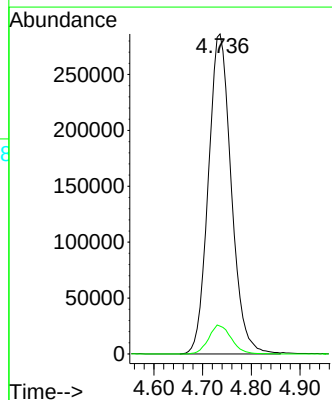
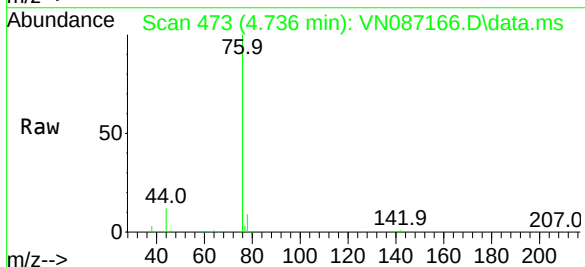
Acq: 25 Jun 2025 10:24

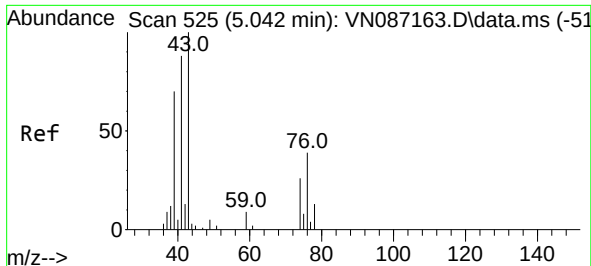
Tgt Ion: 76 Resp: 934684

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



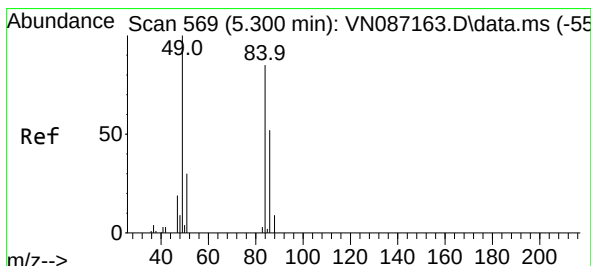
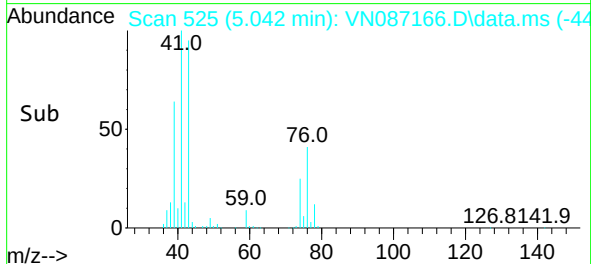
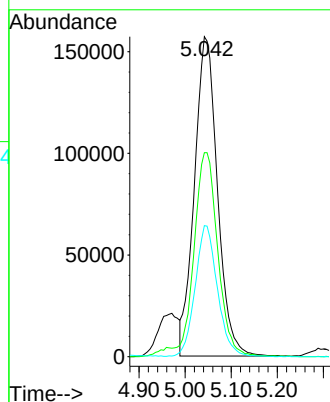
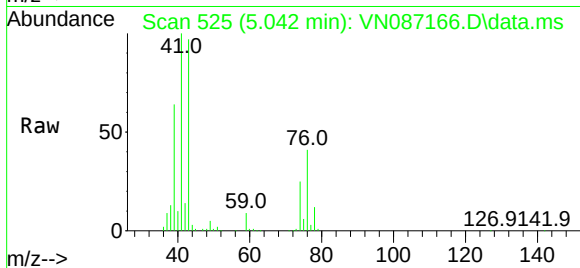


#17
 Allyl chloride
 Concen: 159.070 ug/l
 RT: 5.042 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087166.D
 Acq: 25 Jun 2025 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 41 Resp: 547297

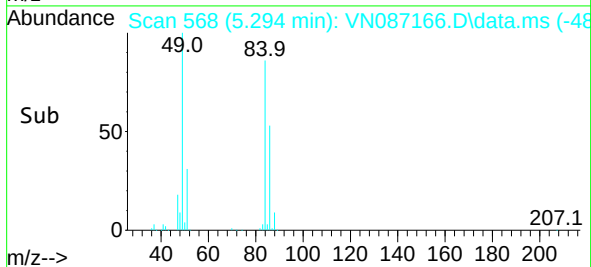
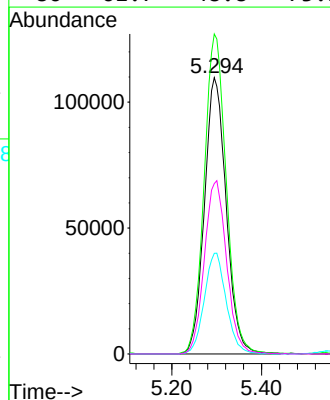
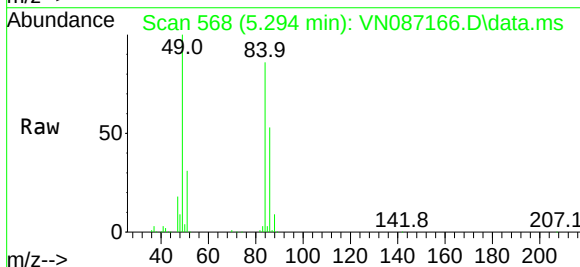
Ion	Ratio	Lower	Upper
41	100		
39	63.6	36.0	108.0
76	40.9	19.5	58.5

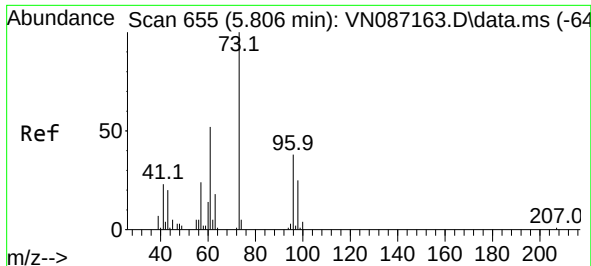


#18
 Methylene Chloride
 Concen: 153.369 ug/l
 RT: 5.294 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: VN087166.D
 Acq: 25 Jun 2025 10:24

Tgt Ion: 84 Resp: 370628

Ion	Ratio	Lower	Upper
84	100		
49	115.5	94.0	141.0
51	36.4	28.3	42.5
86	61.7	48.8	73.2

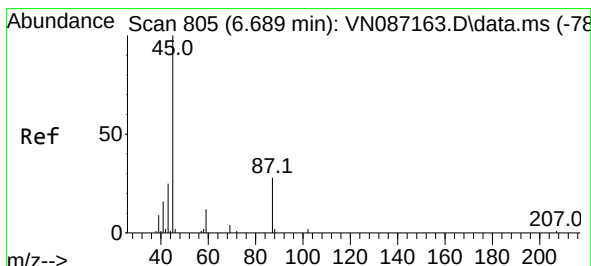
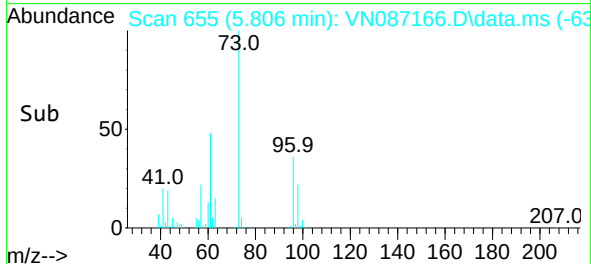
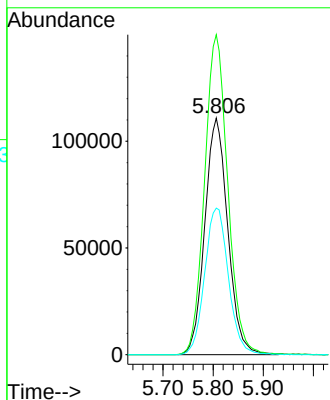
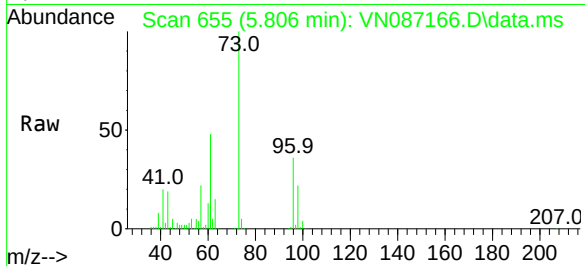




#19
trans-1,2-Dichloroethene
Concen: 155.038 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

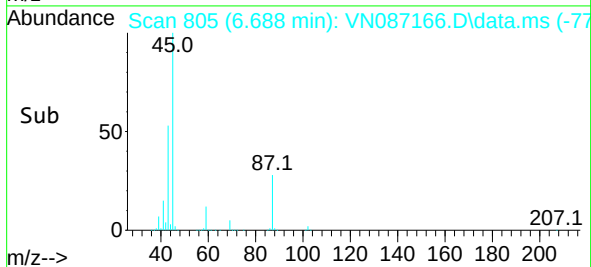
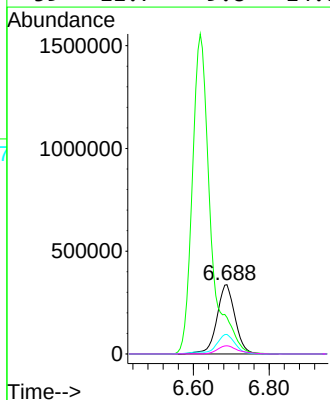
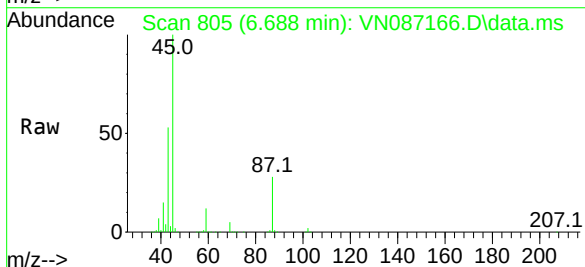
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

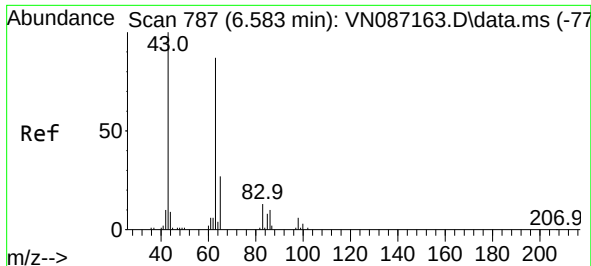
Tgt Ion: 96 Resp: 353679
Ion Ratio Lower Upper
96 100
61 135.0 110.3 165.5
98 62.0 51.6 77.4



#20
Diisopropyl ether
Concen: 154.399 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 45 Resp: 1127057
Ion Ratio Lower Upper
45 100
43 52.2 45.3 67.9
87 28.1 22.6 33.8
59 11.7 9.8 14.8

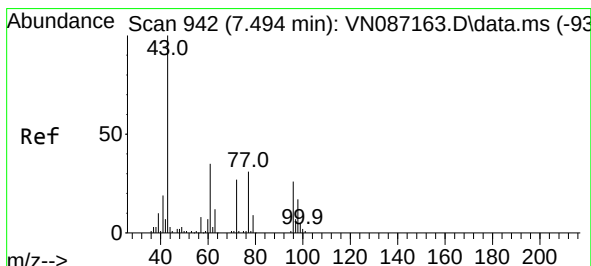
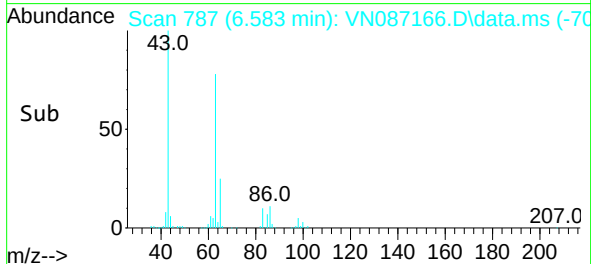
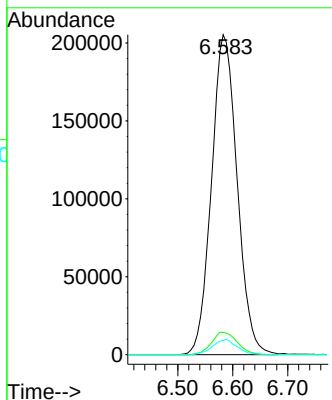
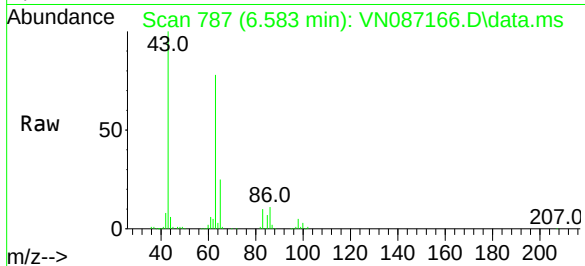




#21
1,1-Dichloroethane
Concen: 152.613 ug/l
RT: 6.583 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

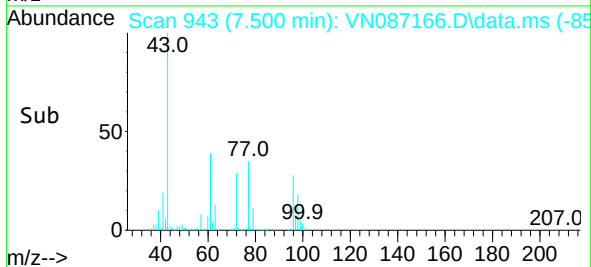
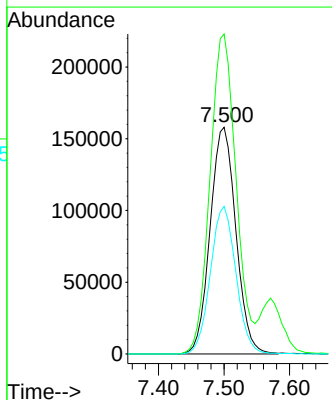
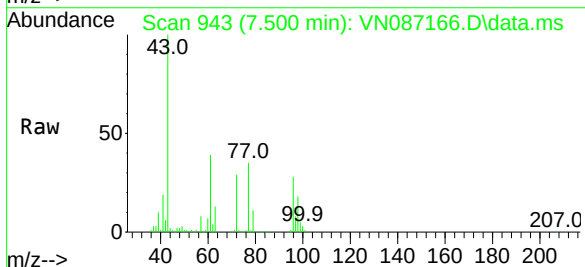
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

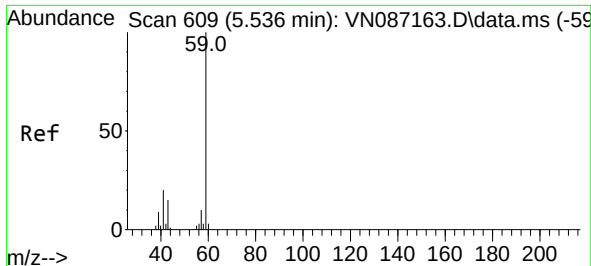
Tgt Ion: 63 Resp: 665820
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.4
100 4.4 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 162.490 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 96 Resp: 431407
Ion Ratio Lower Upper
96 100
61 142.9 119.2 178.8
98 64.4 50.6 75.8

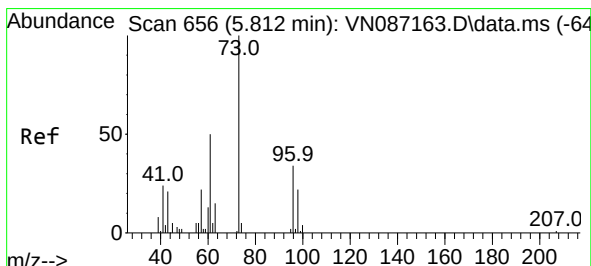
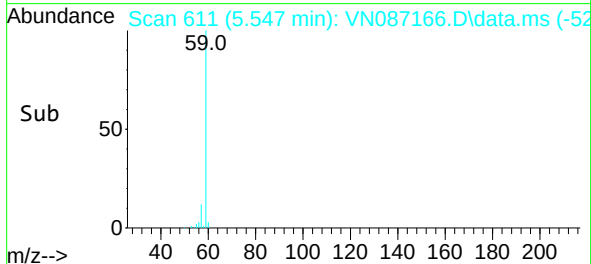
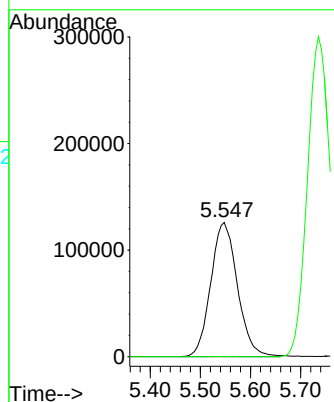
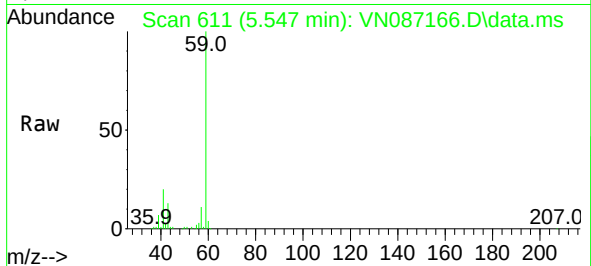




#23
tert-Butyl Alcohol
Concen: 809.606 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

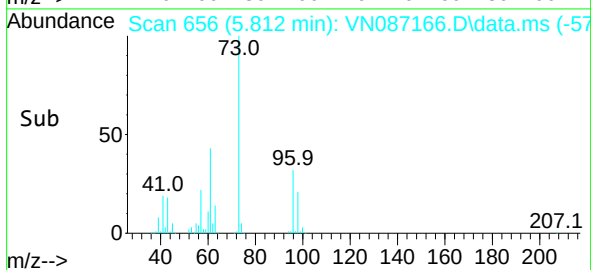
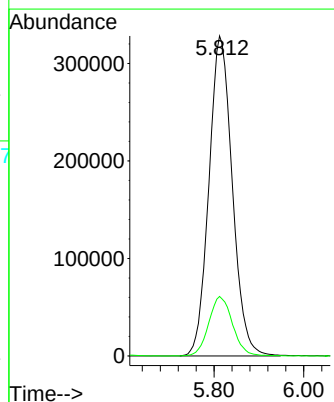
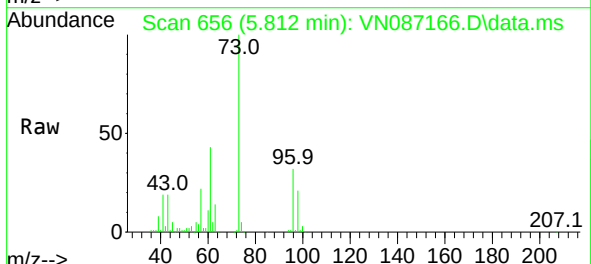
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

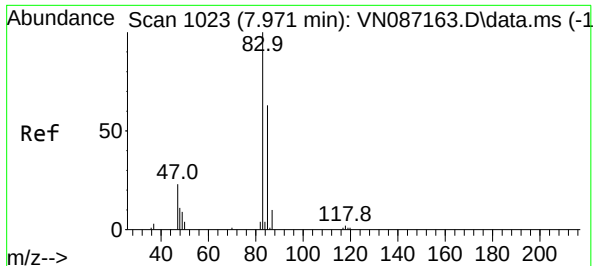
Tgt Ion: 59 Resp: 464693
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 162.463 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 73 Resp: 1188591
Ion Ratio Lower Upper
73 100
43 18.9 16.4 24.6





#25

Chloroform

Concen: 154.590 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

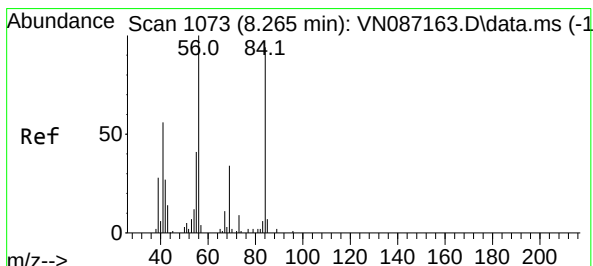
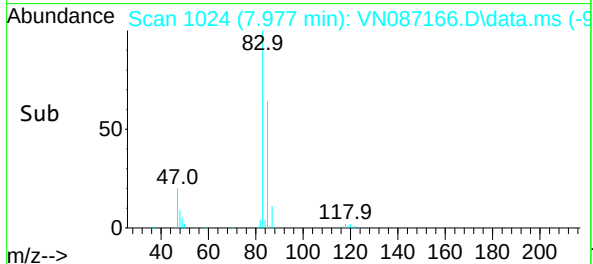
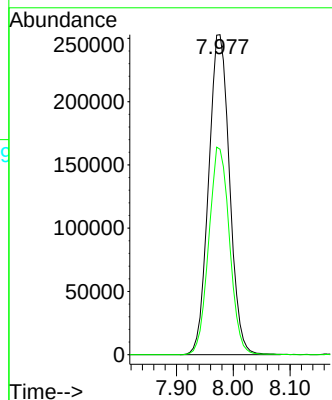
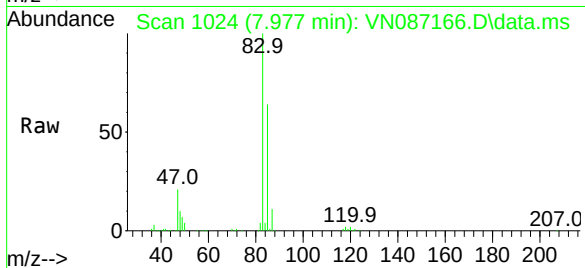
VSTDIC150

Tgt Ion: 83 Resp: 646145

Ion Ratio Lower Upper

83 100

85 64.2 50.7 76.1



#26

Cyclohexane

Concen: 163.558 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

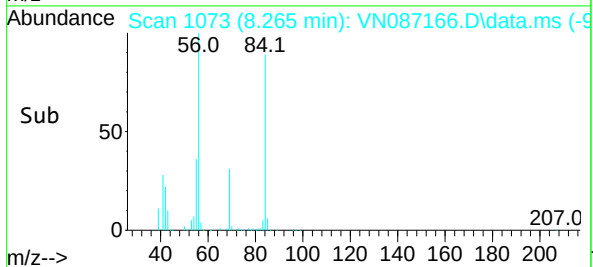
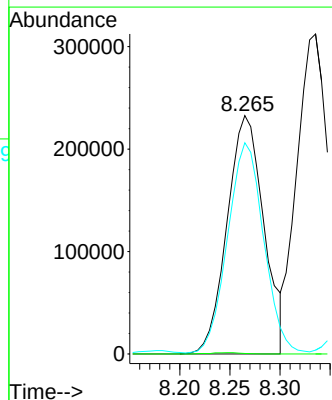
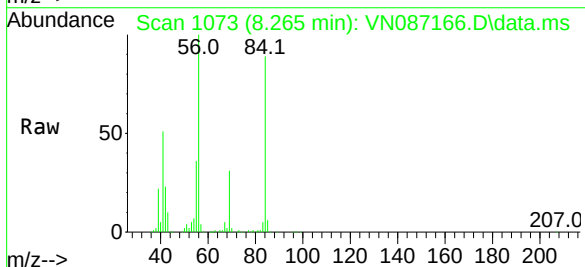
Tgt Ion: 56 Resp: 593136

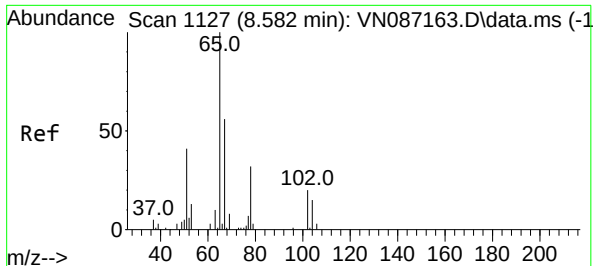
Ion Ratio Lower Upper

56 100

89 0.4 6.9 10.3#

84 87.6 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 28.571 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

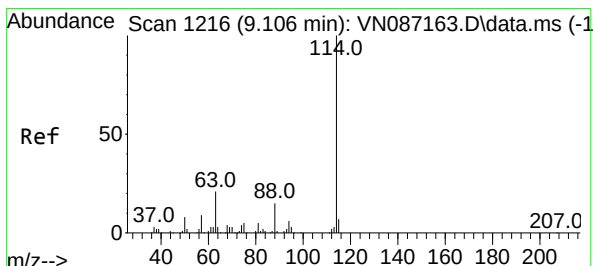
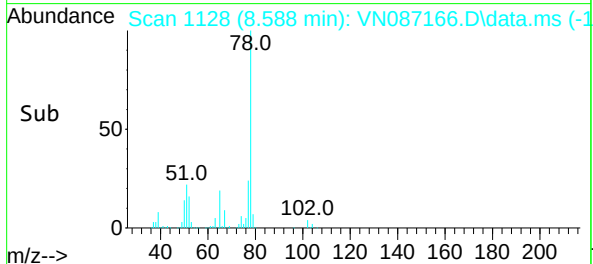
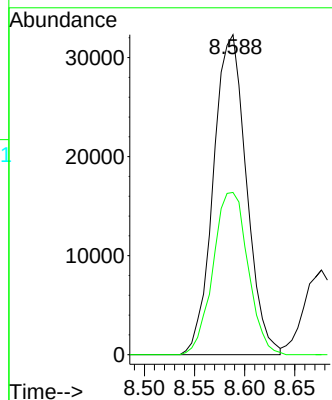
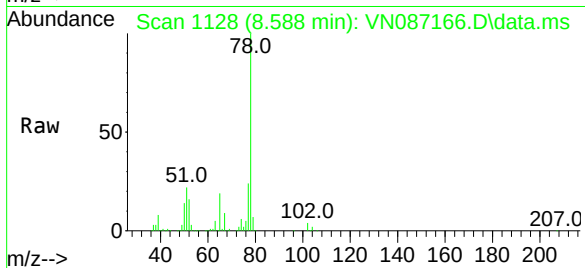
VSTDIC150

Tgt Ion: 65 Resp: 74130

Ion Ratio Lower Upper

65 100

67 53.5 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: VN087166.D

Acq: 25 Jun 2025 10:24

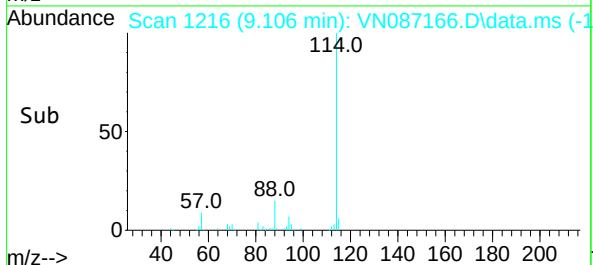
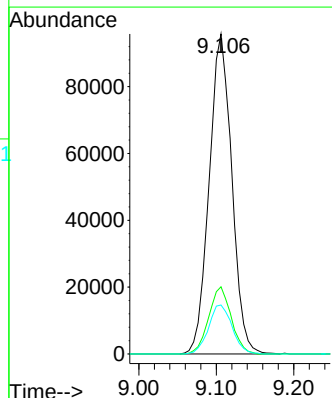
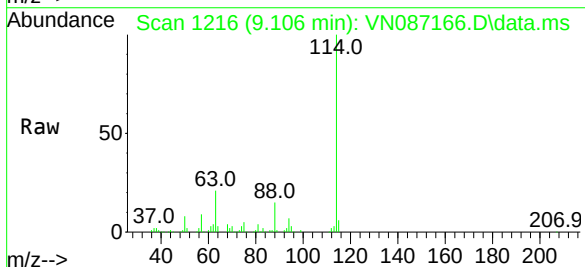
Tgt Ion: 114 Resp: 194011

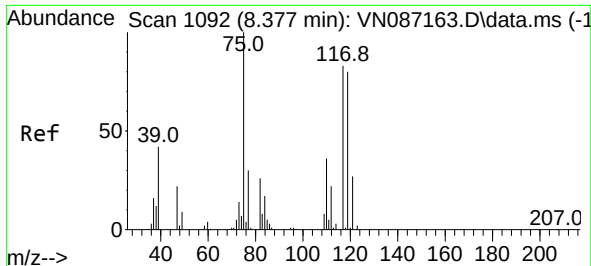
Ion Ratio Lower Upper

114 100

63 20.9 17.0 25.4

88 16.0 12.6 19.0

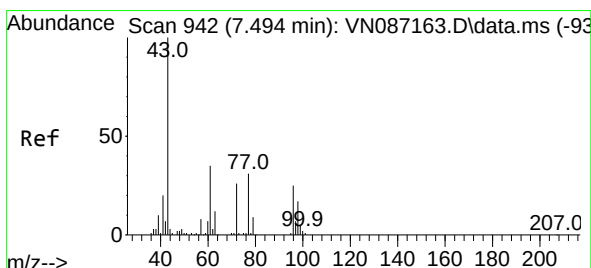
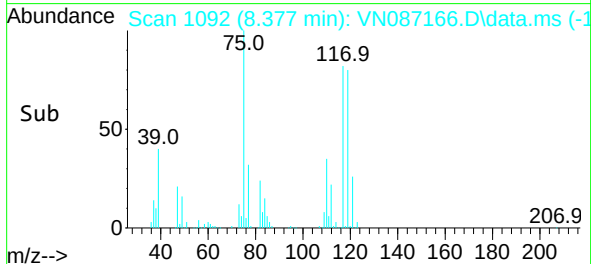
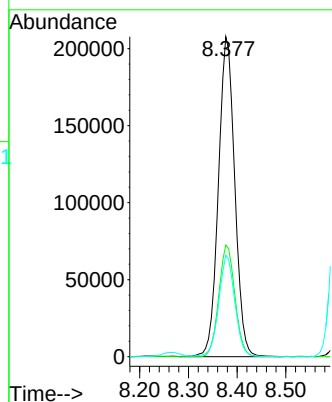
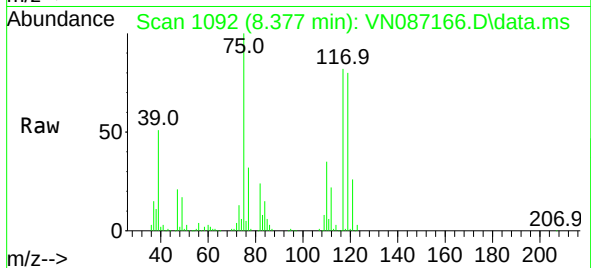




#29
1,1-Dichloropropene
Concen: 160.626 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

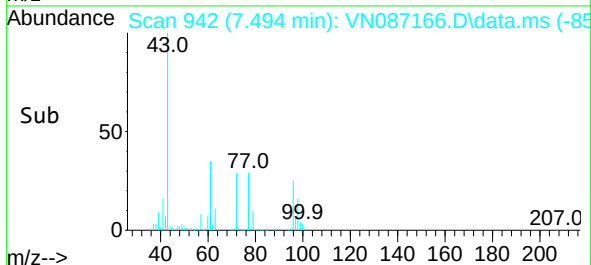
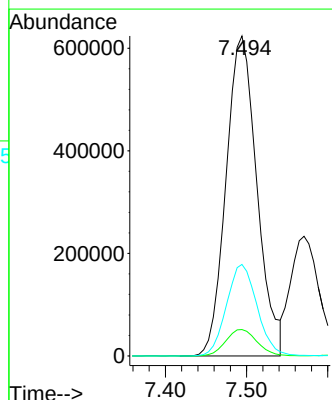
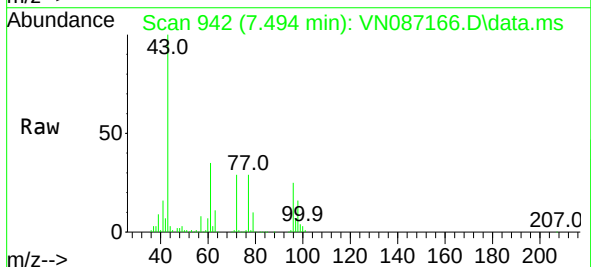
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

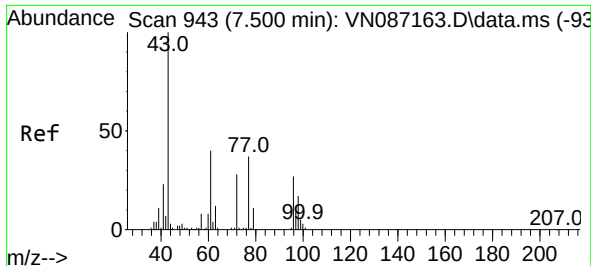
Tgt Ion: 75 Resp: 485720
Ion Ratio Lower Upper
75 100
110 34.5 0.0 69.2
77 31.3 0.0 61.8



#30
2-Butanone
Concen: 810.801 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 43 Resp: 1653884
Ion Ratio Lower Upper
43 100
57 8.4 6.3 9.5
72 28.4 21.8 32.6





#31

2,2-Dichloropropane

Concen: 155.482 ug/l

RT: 7.500 min Scan# 943

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

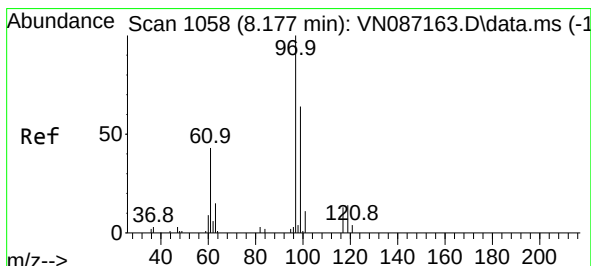
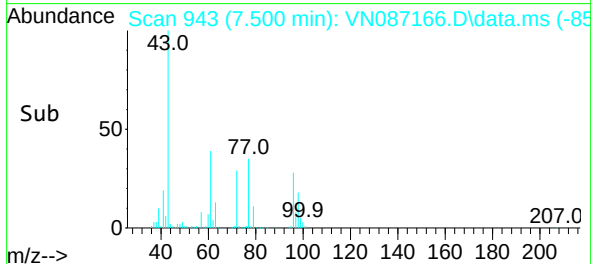
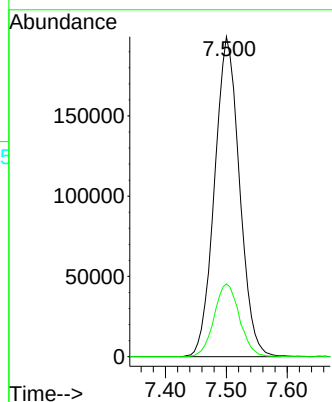
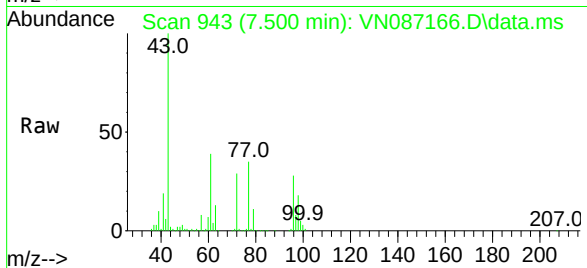
VSTDIC150

Tgt Ion: 77 Resp: 567545

Ion Ratio Lower Upper

77 100

97 23.1 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 155.055 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

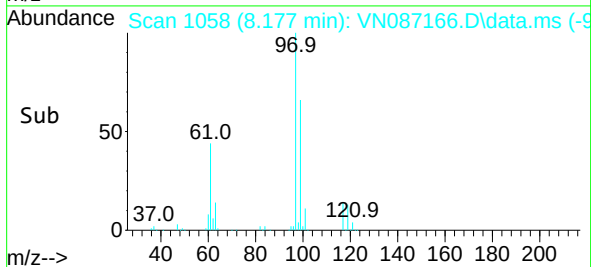
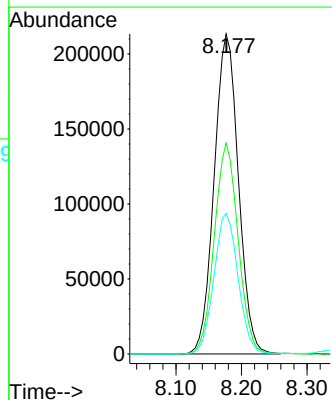
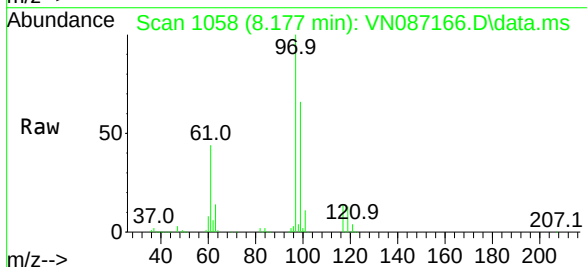
Tgt Ion: 97 Resp: 547772

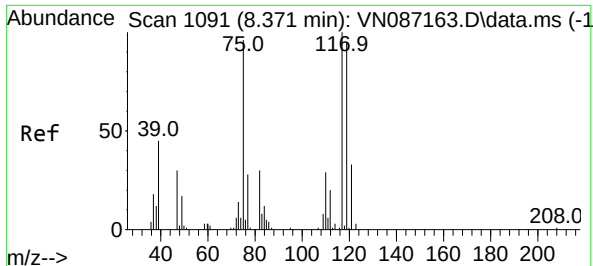
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 43.7 36.1 54.1

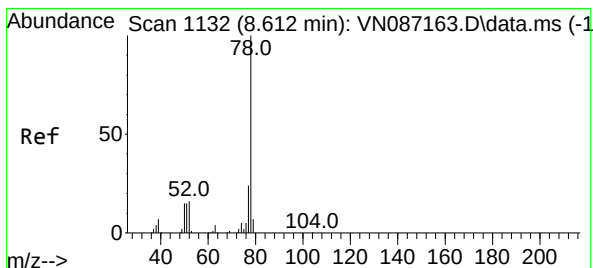
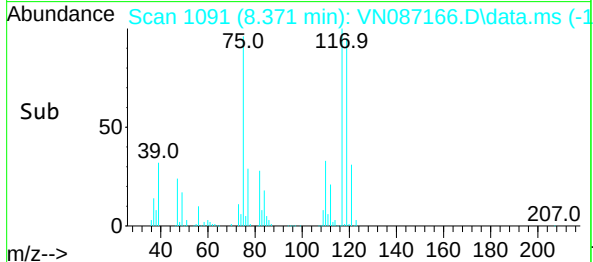
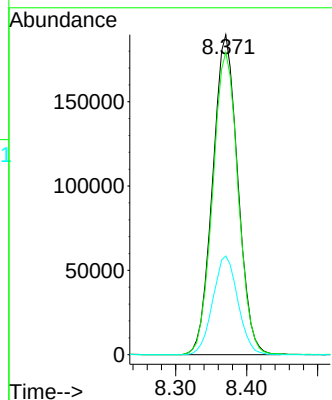
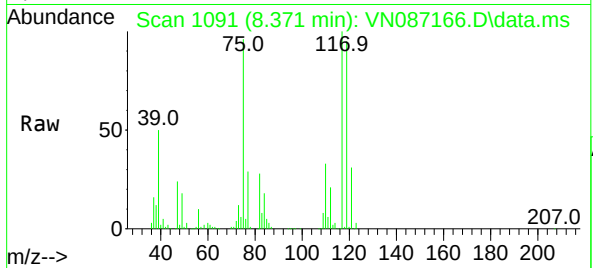




#33
Carbon Tetrachloride
Concen: 156.717 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

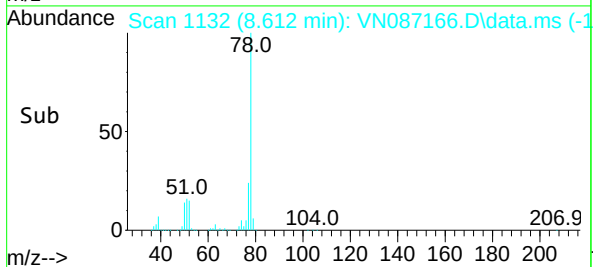
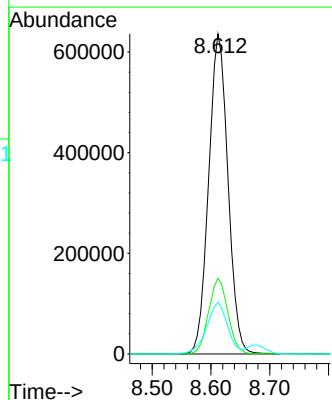
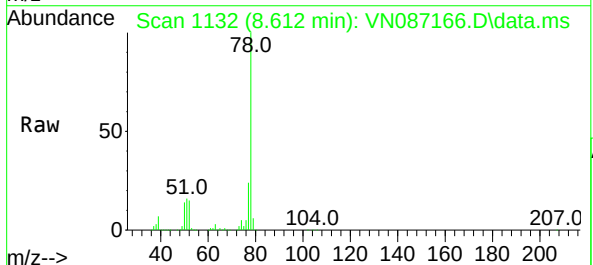
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

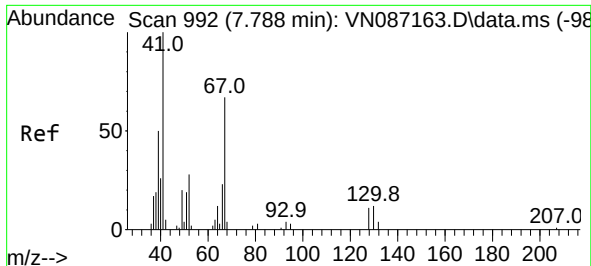
Tgt Ion:117 Resp: 465916
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
121 30.9 26.2 39.4



#34
Benzene
Concen: 151.309 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 78 Resp: 1449530
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3
51 16.1 14.8 22.2



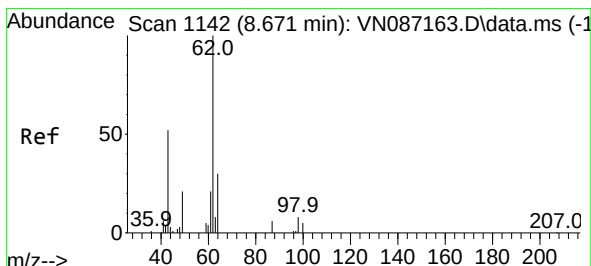
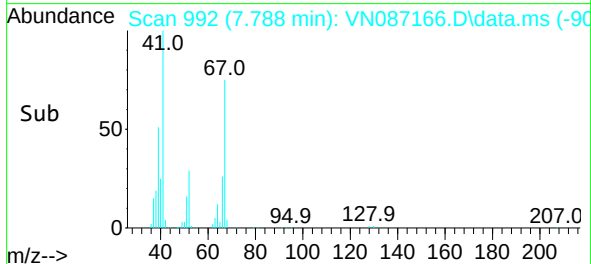
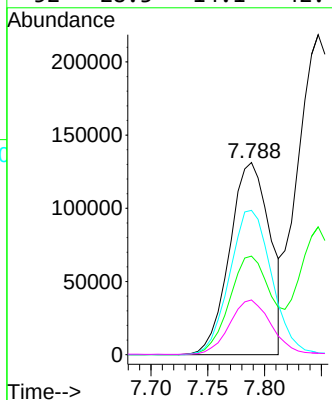
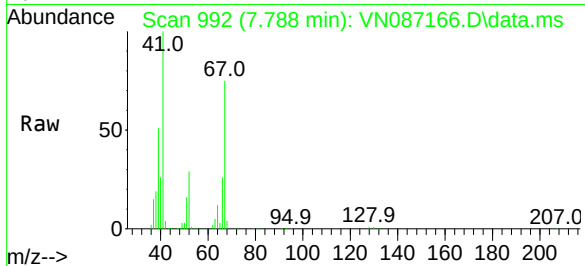


#35
Methacrylonitrile
Concen: 157.915 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 324629

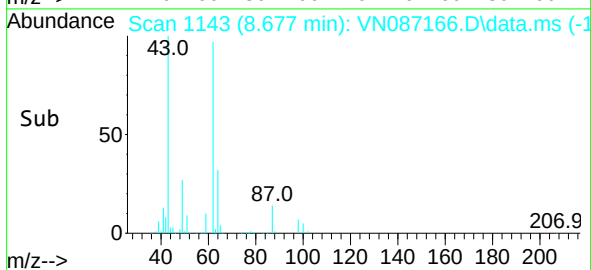
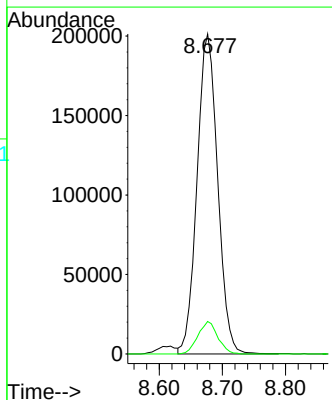
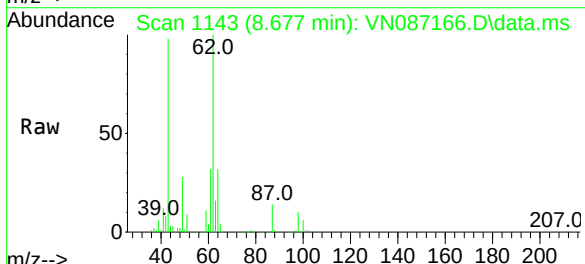
Ion	Ratio	Lower	Upper
41	100		
39	51.3	24.4	73.2
67	75.2	33.3	99.8
52	28.3	14.1	42.4

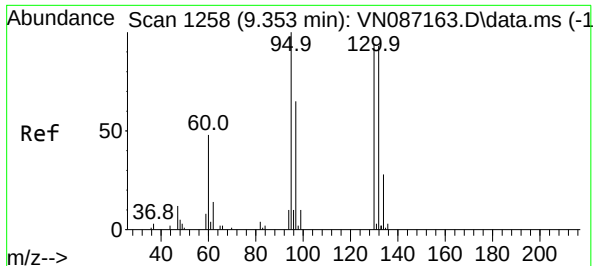


#36
1,2-Dichloroethane
Concen: 147.574 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 62 Resp: 456777

Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.2	10.8

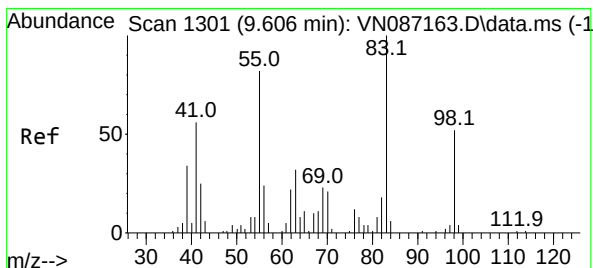
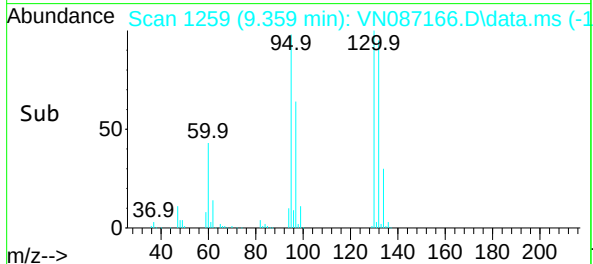
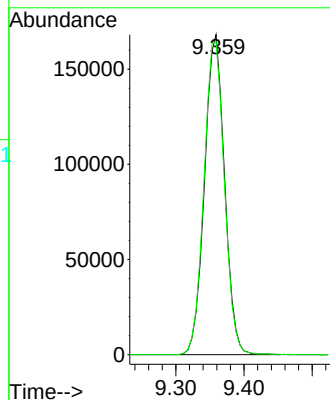
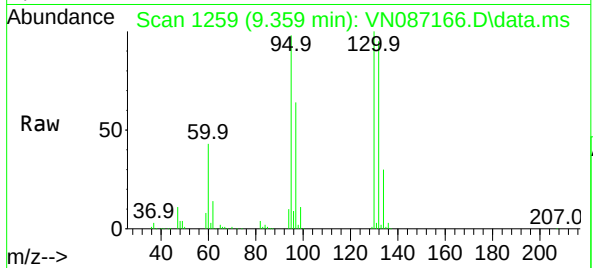




#37
Trichloroethene
Concen: 155.753 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

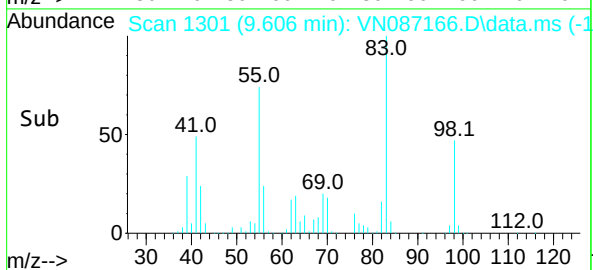
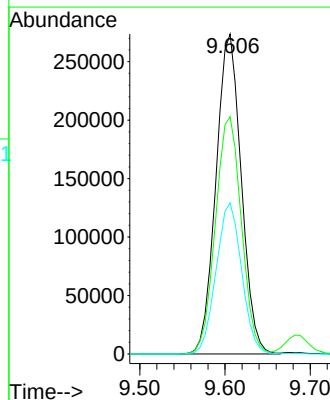
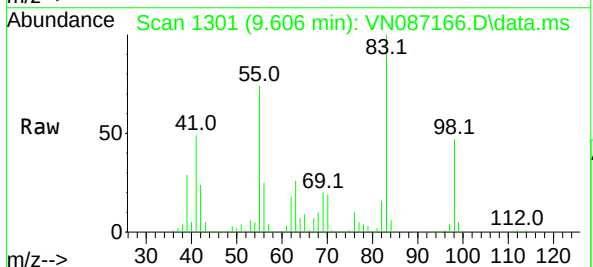
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

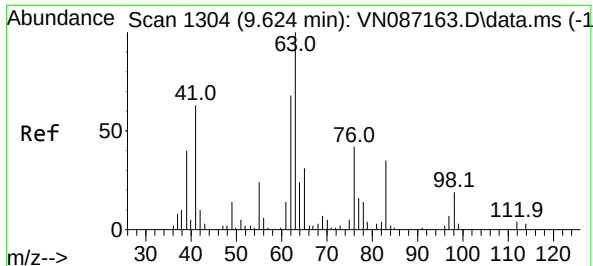
Tgt Ion:130 Resp: 344162
Ion Ratio Lower Upper
130 100
95 97.7 85.3 127.9



#38
Methylcyclohexane
Concen: 162.602 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 83 Resp: 564171
Ion Ratio Lower Upper
83 100
55 76.0 40.1 120.2
98 47.6 24.4 73.2





#39

1,2-Dichloropropane

Concen: 154.127 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

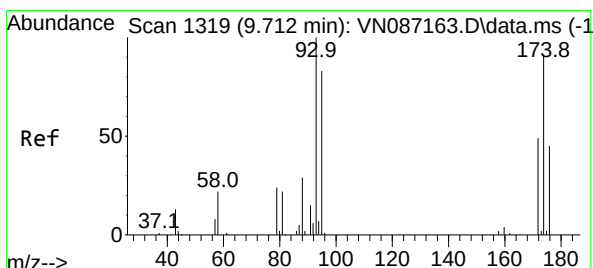
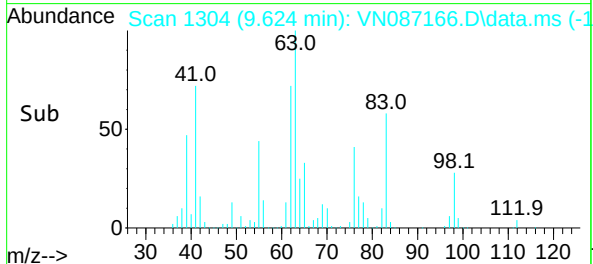
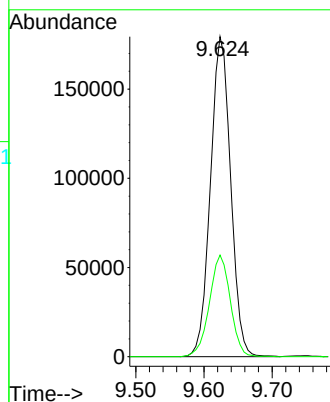
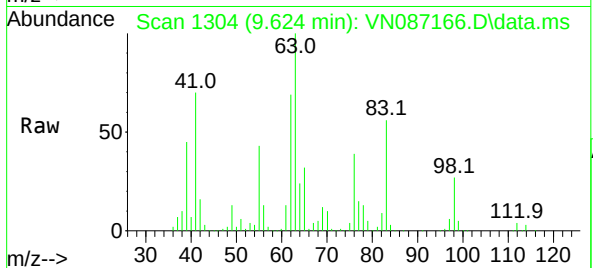
VSTDICC150

Tgt Ion: 63 Resp: 370597

Ion Ratio Lower Upper

63 100

65 31.8 24.6 36.8



#40

Dibromomethane

Concen: 152.193 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

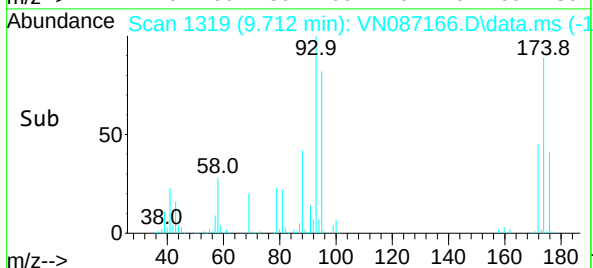
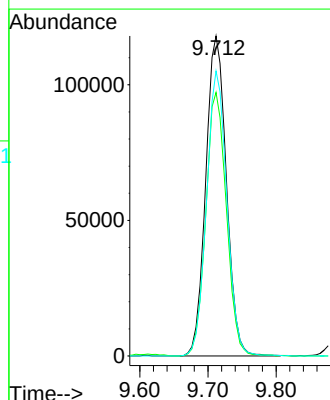
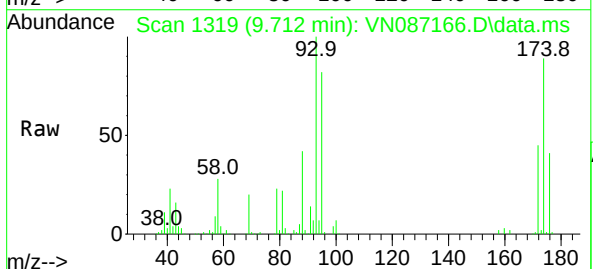
Tgt Ion: 93 Resp: 248835

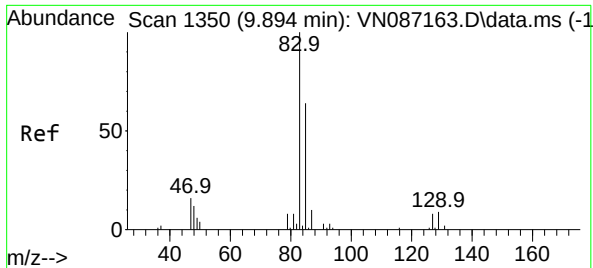
Ion Ratio Lower Upper

93 100

95 81.9 0.0 170.8

174 87.8 0.0 176.6

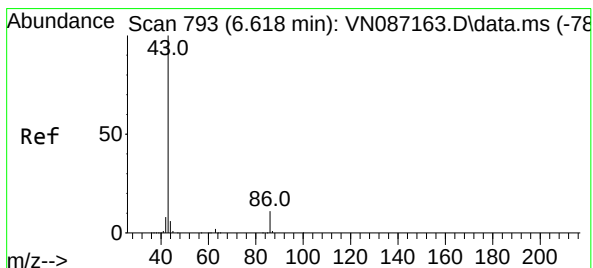
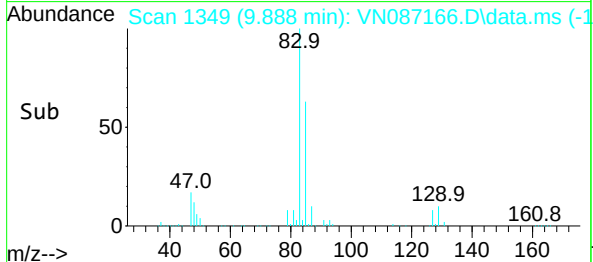
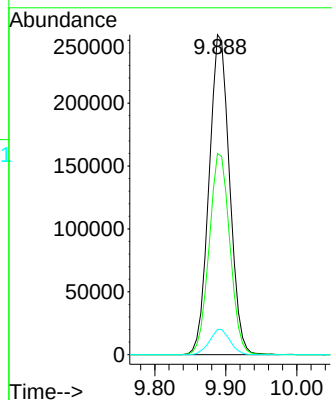
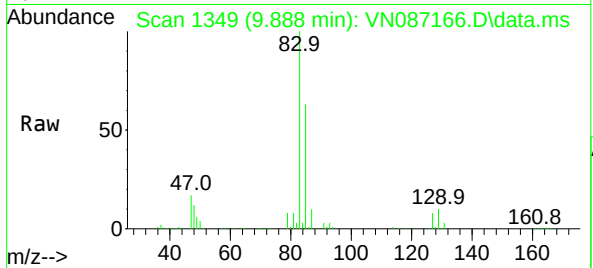




#41
Bromodichloromethane
Concen: 154.377 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

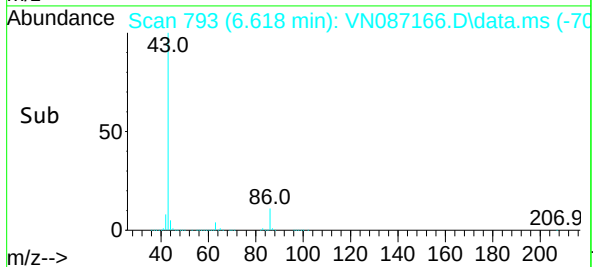
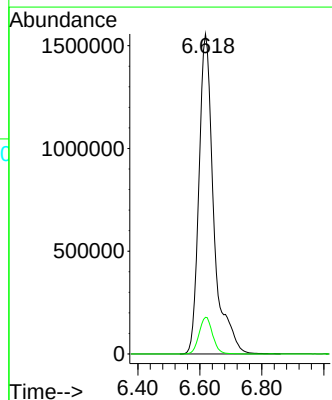
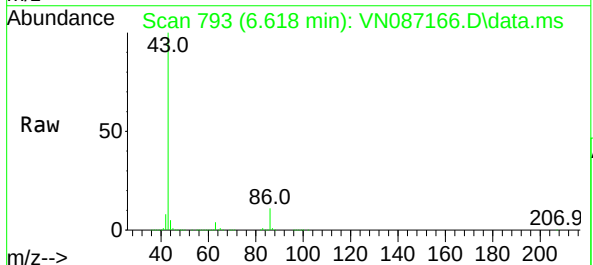
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

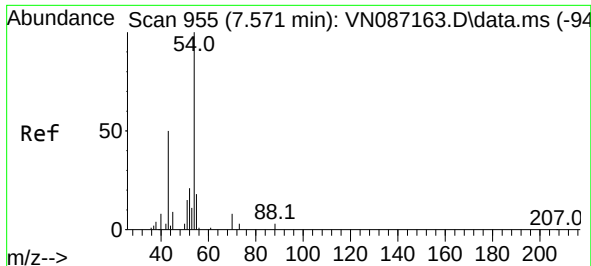
Tgt Ion: 83 Resp: 509473
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.2
127 7.9 6.1 9.1



#42
Vinyl Acetate
Concen: 776.574 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 43 Resp: 5152202
Ion Ratio Lower Upper
43 100
86 10.5 7.7 11.5

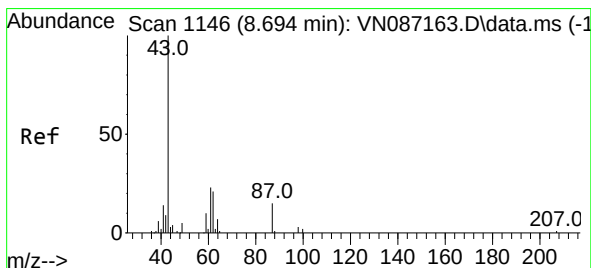
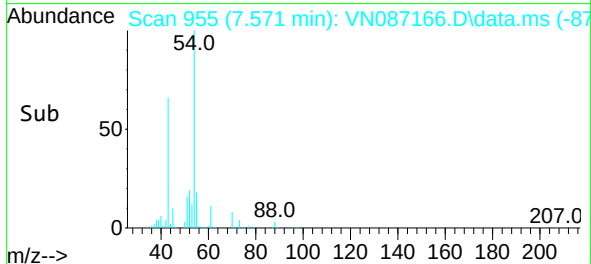
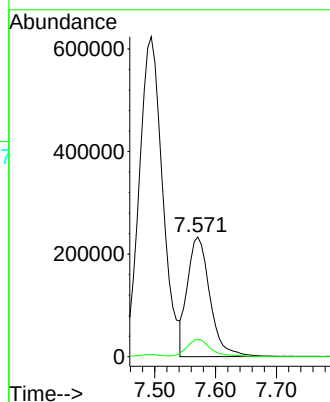
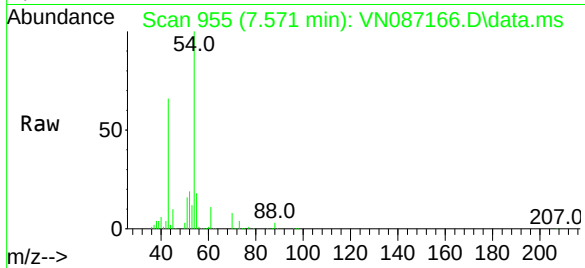




#43
Ethyl Acetate
Concen: 162.074 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

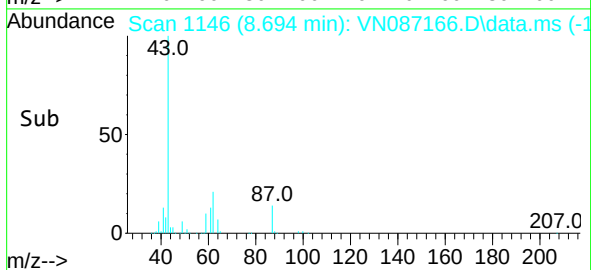
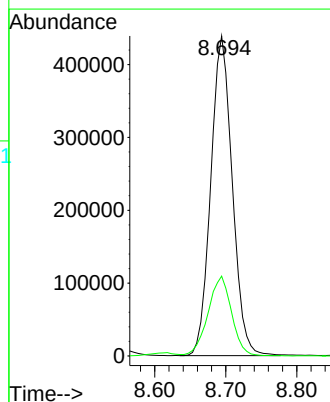
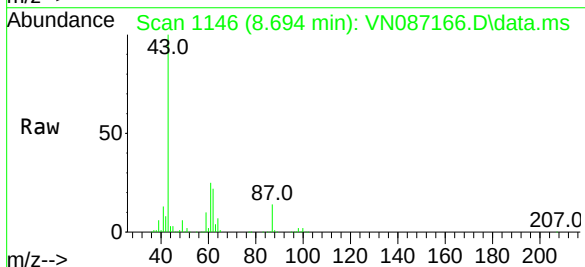
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

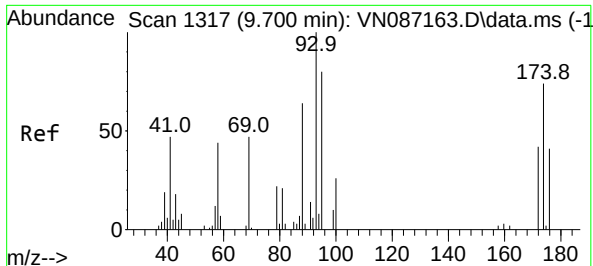
Tgt Ion: 43 Resp: 596805
Ion Ratio Lower Upper
43 100
45 15.7 11.5 17.3



#44
Isopropyl Acetate
Concen: 153.841 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 43 Resp: 922972
Ion Ratio Lower Upper
43 100
61 27.5 20.5 30.7

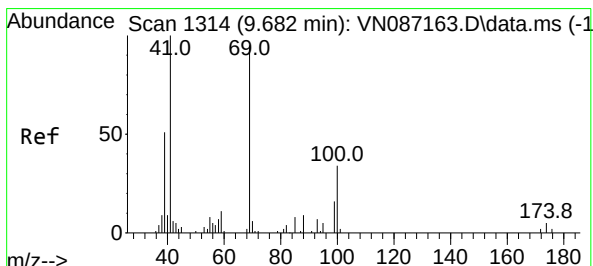
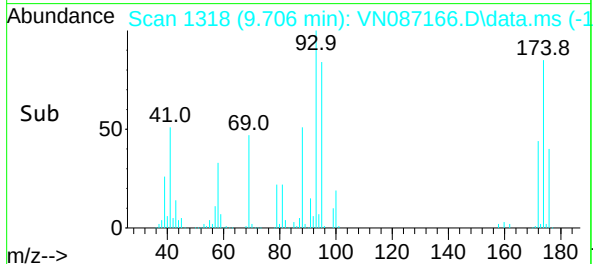
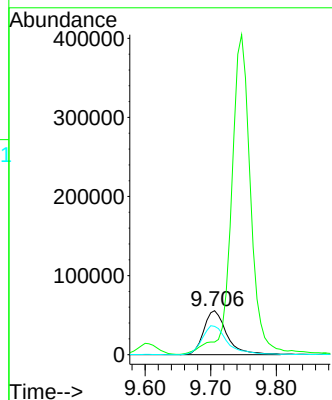
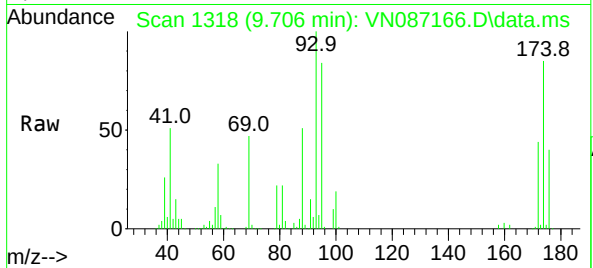




#45
1,4-Dioxane
Concen: 3355.337 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

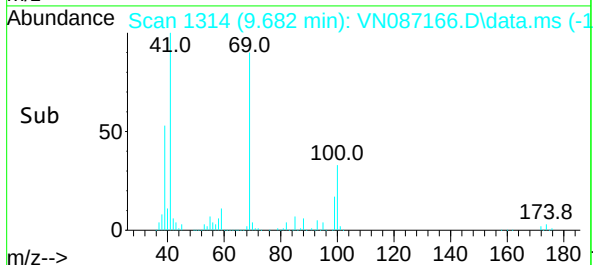
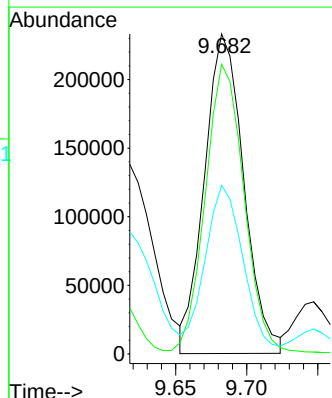
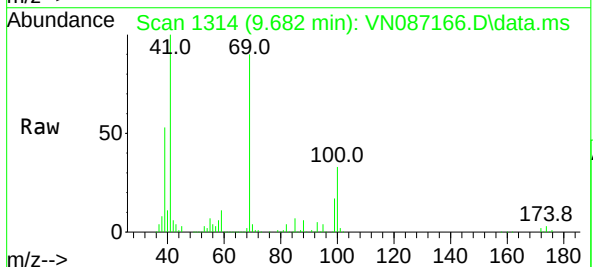
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

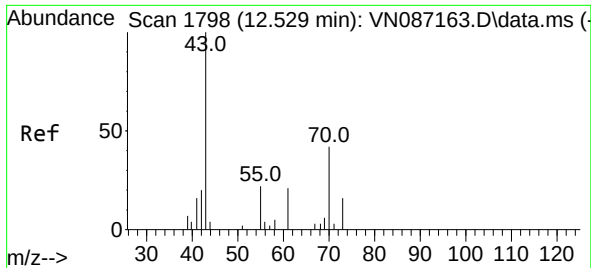
Tgt Ion: 88 Resp: 136174
Ion Ratio Lower Upper
88 100
43 20.7 21.3 31.9#
58 72.1 61.7 92.5



#46
Methyl methacrylate
Concen: 160.629 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 41 Resp: 448002
Ion Ratio Lower Upper
41 100
69 93.3 45.6 136.9
39 52.9 26.2 78.5

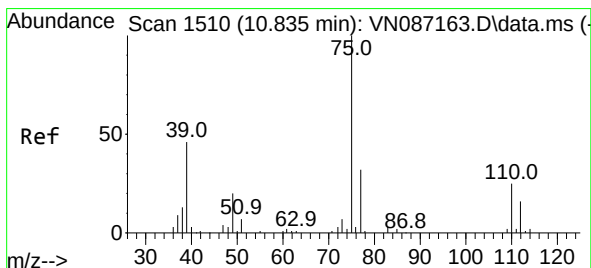
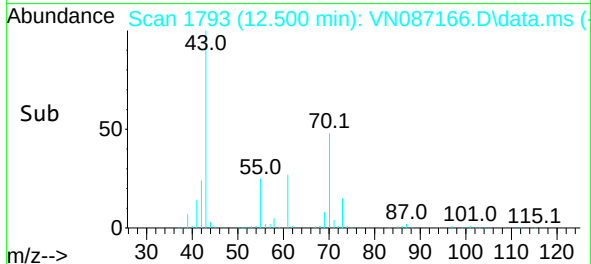
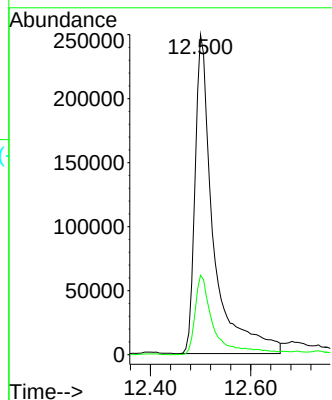
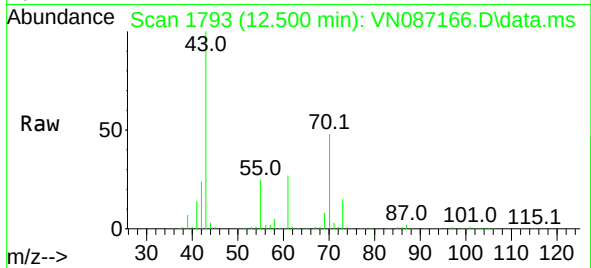




#47
n-amy1 Acetate
Concen: 173.169 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.029 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

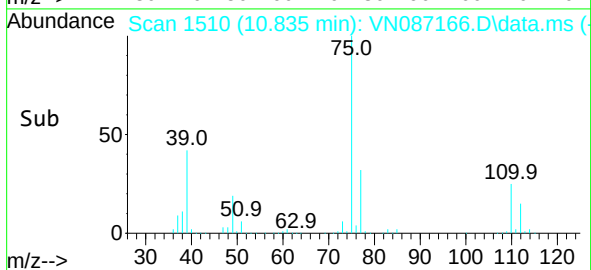
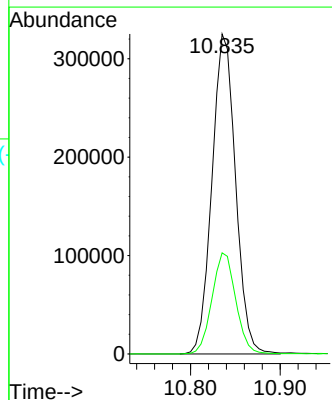
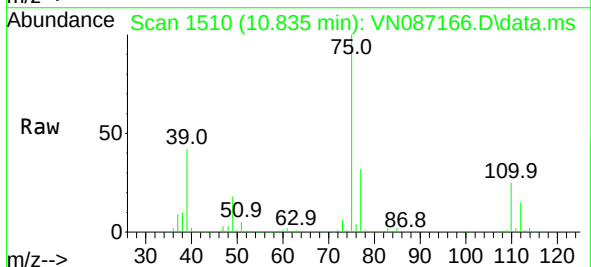
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

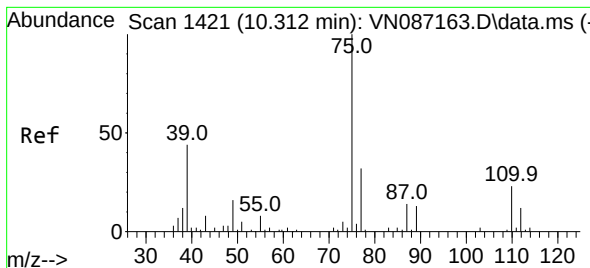
Tgt Ion: 43 Resp: 635191
Ion Ratio Lower Upper
43 100
55 22.9 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 161.262 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 75 Resp: 593288
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 161.034 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

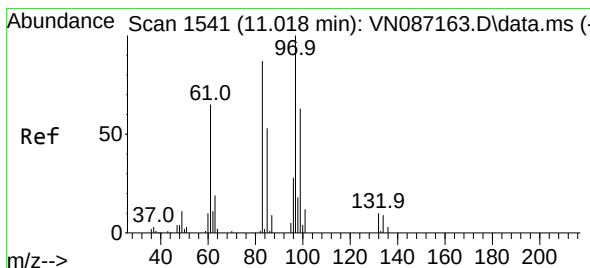
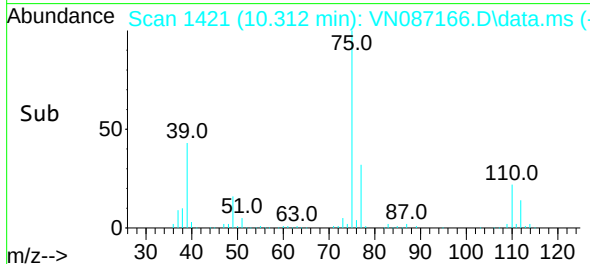
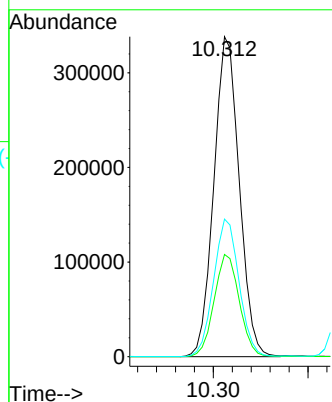
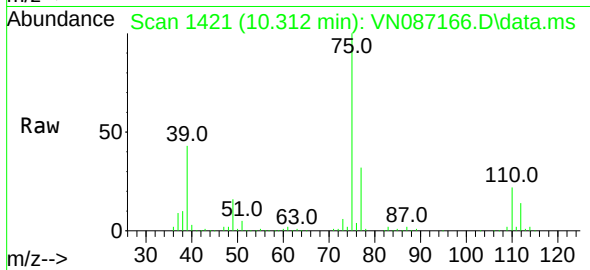
Tgt Ion: 75 Resp: 629822

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 42.9 35.3 52.9



#50

1,1,2-Trichloroethane

Concen: 152.906 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Tgt Ion: 97 Resp: 355131

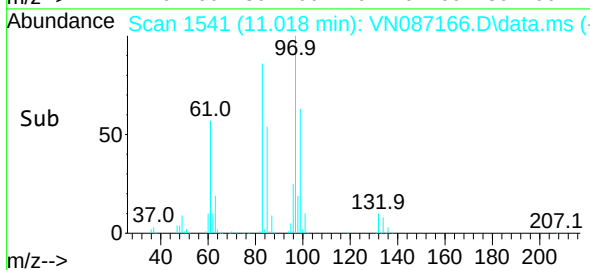
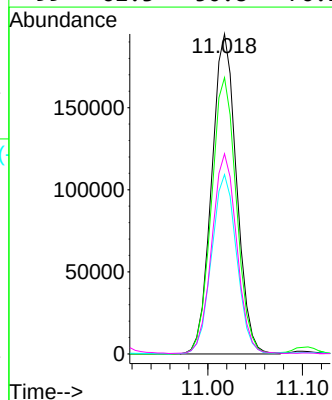
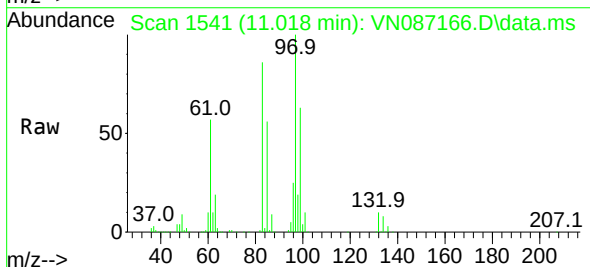
Ion Ratio Lower Upper

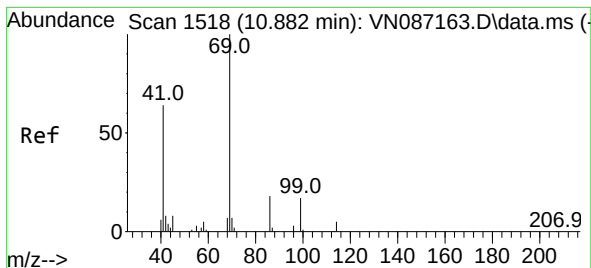
97 100

83 86.2 69.6 104.4

85 55.9 42.0 63.0

99 62.3 50.8 76.2

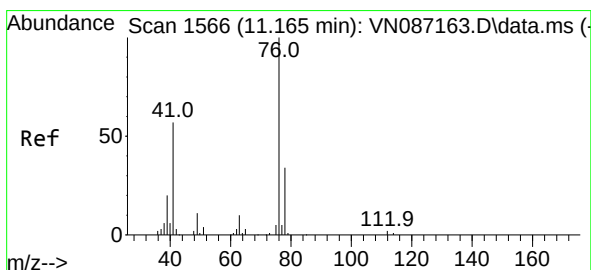
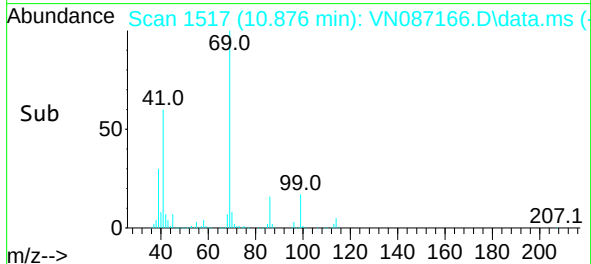
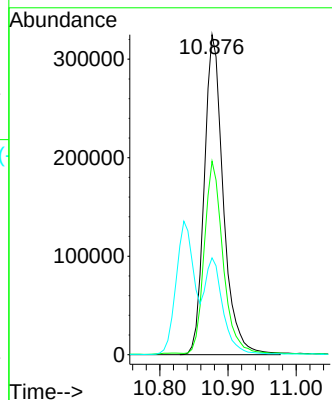
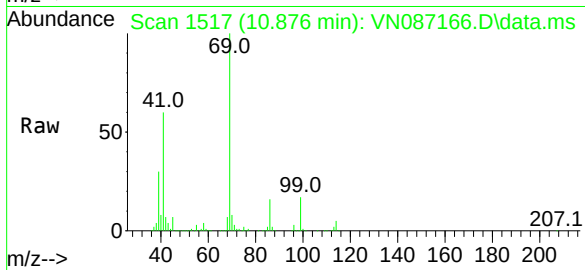




#51
Ethyl methacrylate
Concen: 178.522 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

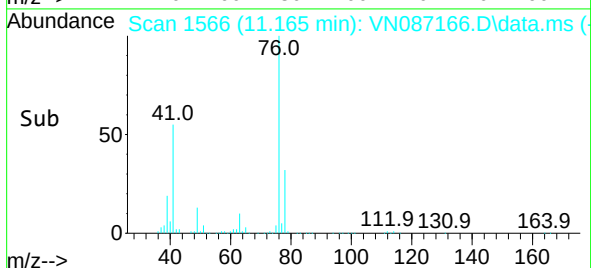
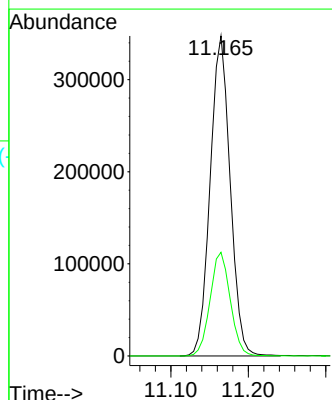
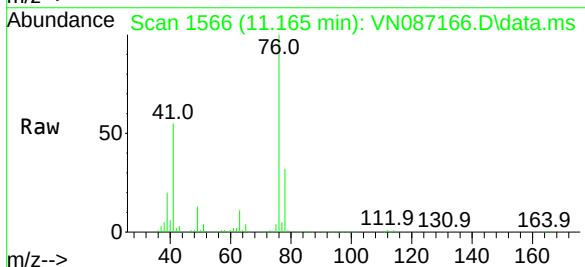
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

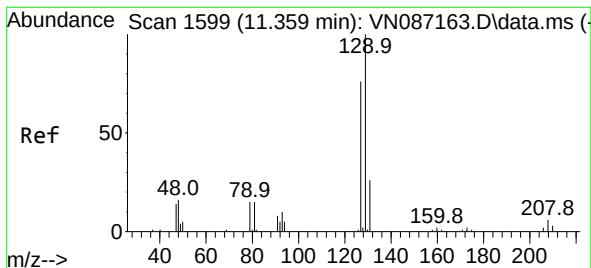
Tgt Ion: 69 Resp: 631073
Ion Ratio Lower Upper
69 100
41 60.0 31.8 95.3
39 29.9 15.3 45.8



#52
1,3-Dichloropropane
Concen: 156.179 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 76 Resp: 622735
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.0

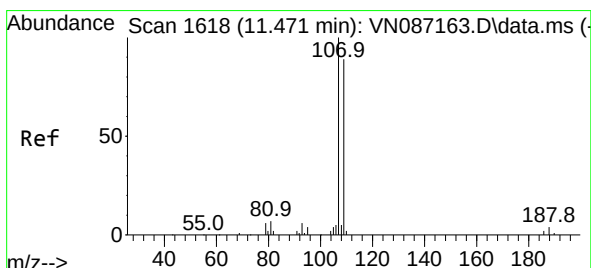
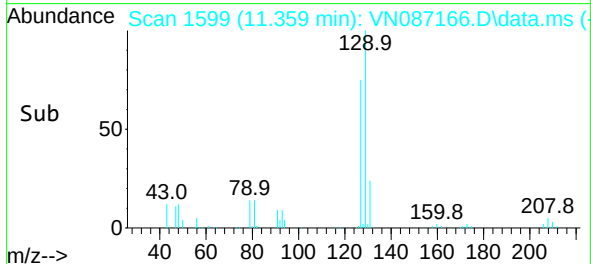
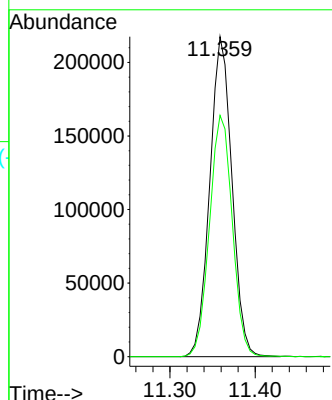
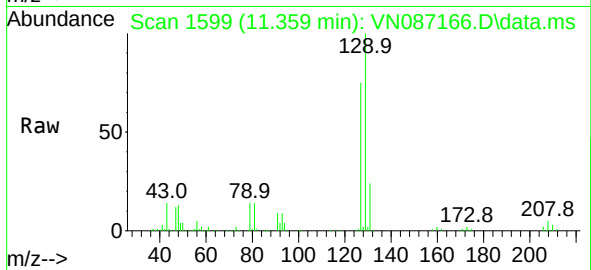




#53
Dibromochloromethane
Concen: 161.228 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

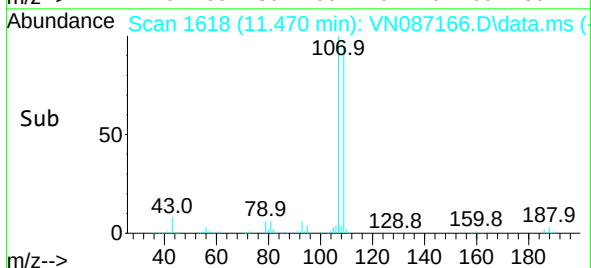
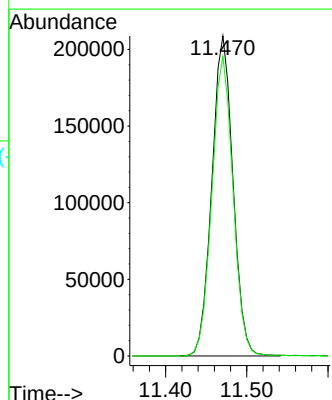
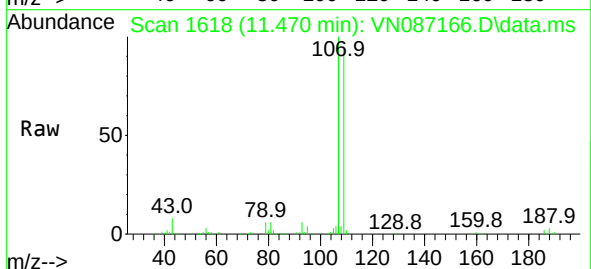
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

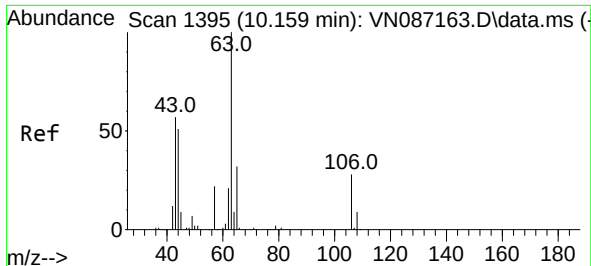
Tgt Ion:129 Resp: 393072
Ion Ratio Lower Upper
129 100
127 77.4 39.6 118.8



#54
1,2-Dibromoethane
Concen: 157.299 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion:107 Resp: 376916
Ion Ratio Lower Upper
107 100
109 93.7 73.5 110.3

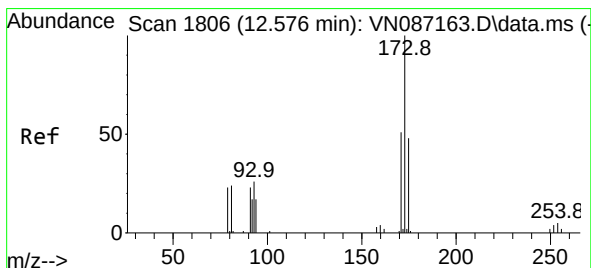
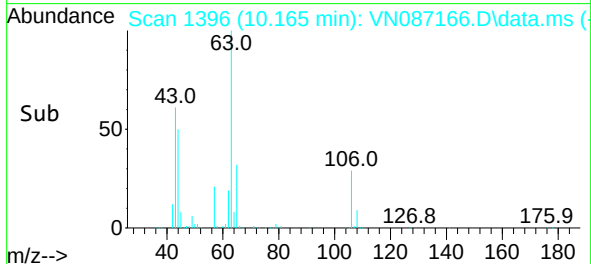
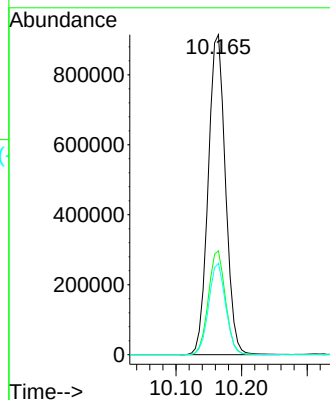
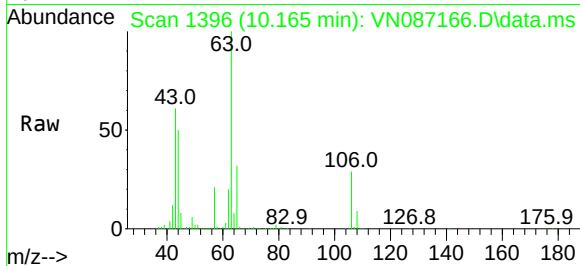




#55
2-Chloroethyl vinyl ether
Concen: 826.456 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

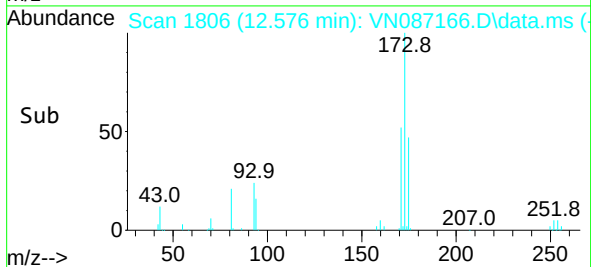
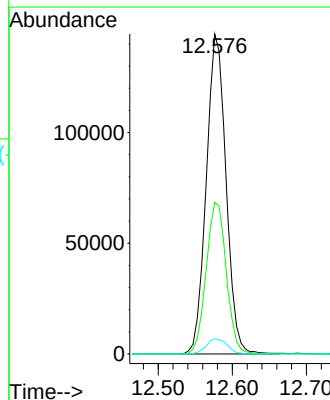
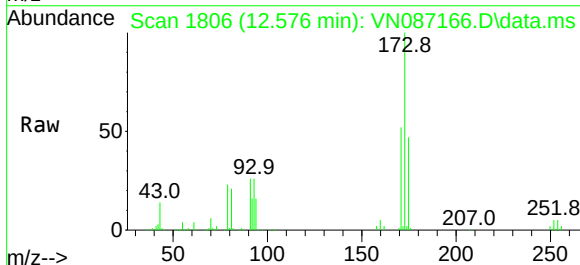
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

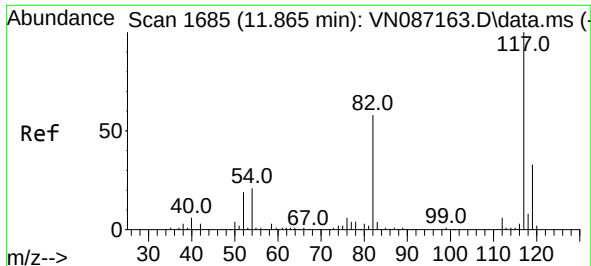
Tgt Ion: 63 Resp: 1674601
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 28.0 21.9 32.9



#56
Bromoform
Concen: 159.528 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion:173 Resp: 267364
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 5.0 4.2 6.4

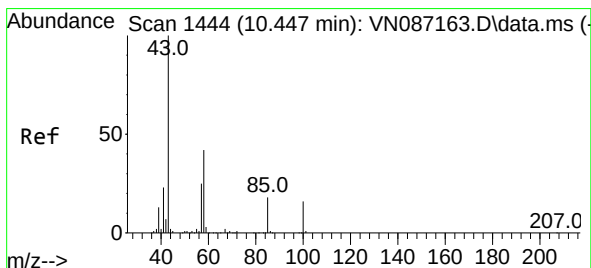
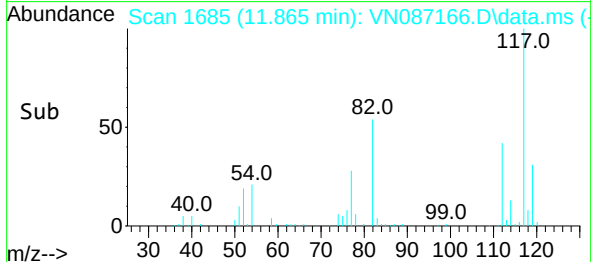
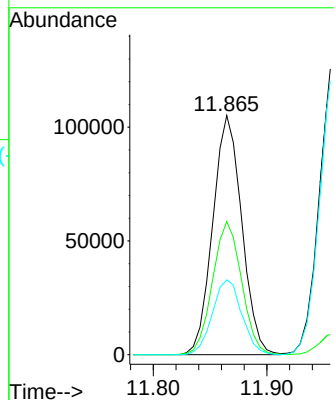
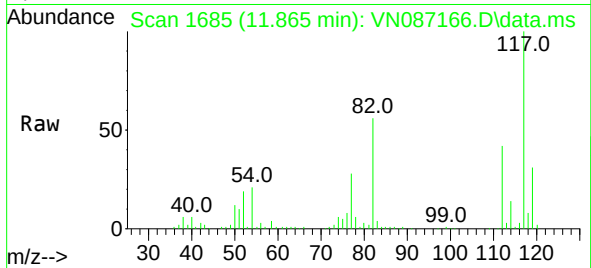




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

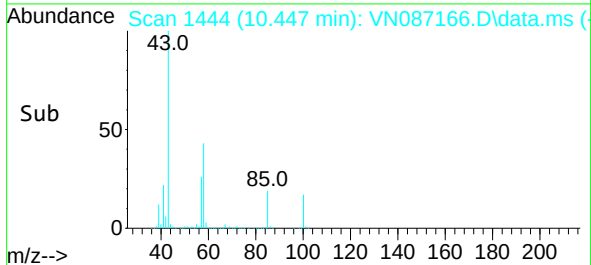
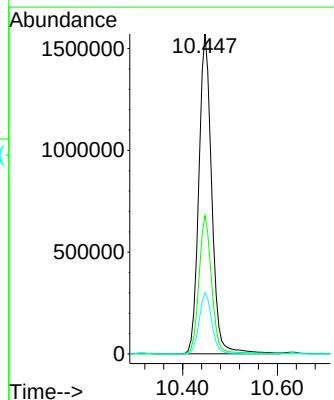
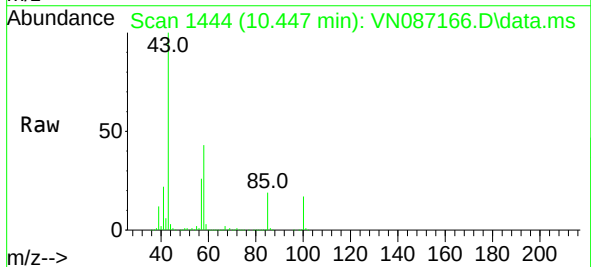
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

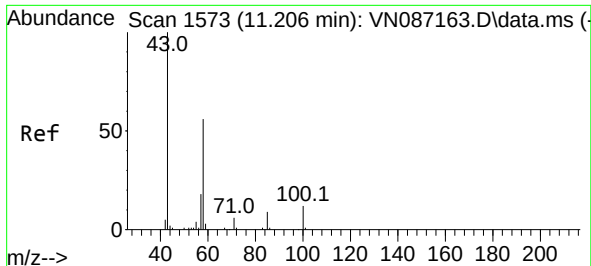
Tgt Ion:117 Resp: 186774
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 31.7 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 791.652 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 43 Resp: 2972532
Ion Ratio Lower Upper
43 100
58 42.8 32.6 49.0
85 19.0 14.6 22.0

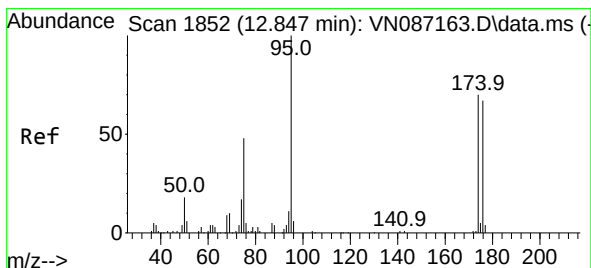
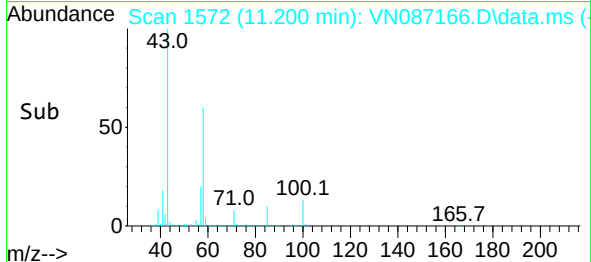
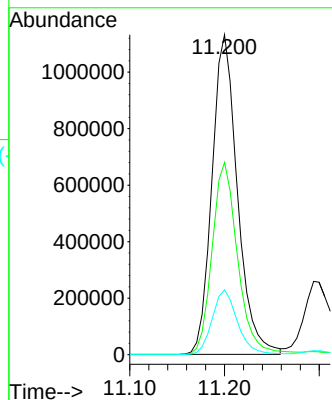
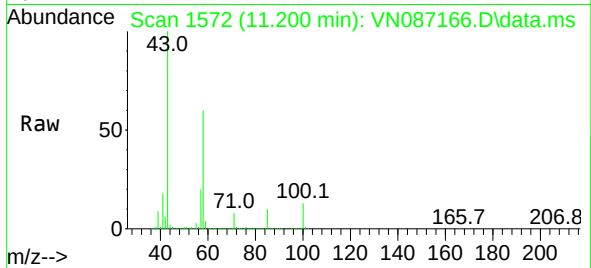




#59
2-Hexanone
Concen: 870.824 ug/l
RT: 11.200 min Scan# 1111404
Delta R.T. -0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

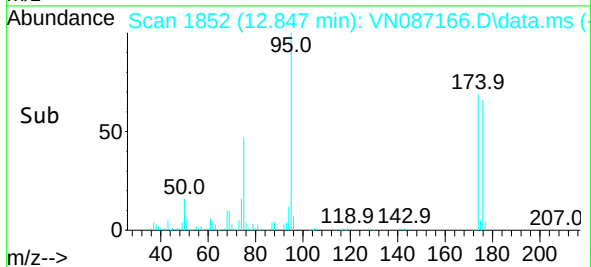
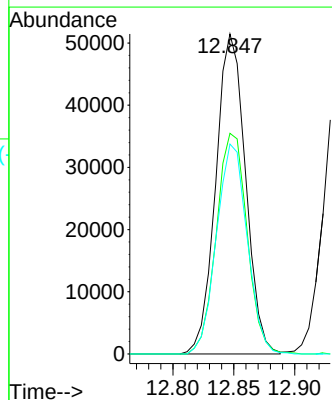
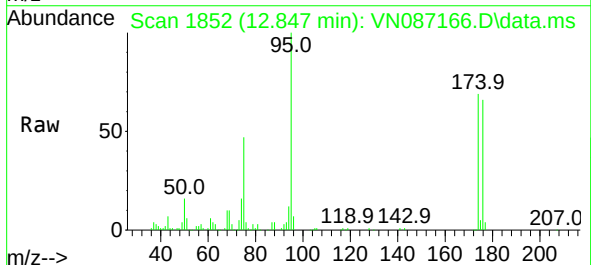
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

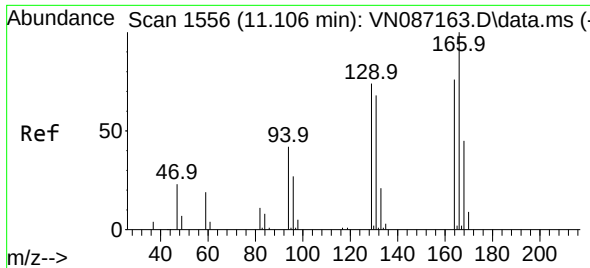
Tgt Ion: 43 Resp: 2111404
Ion Ratio Lower Upper
43 100
58 60.3 49.2 73.8
57 20.2 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 30.336 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 95 Resp: 87432
Ion Ratio Lower Upper
95 100
174 71.2 54.5 81.7
176 67.7 51.9 77.9

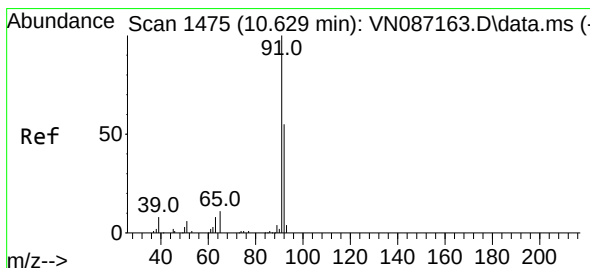
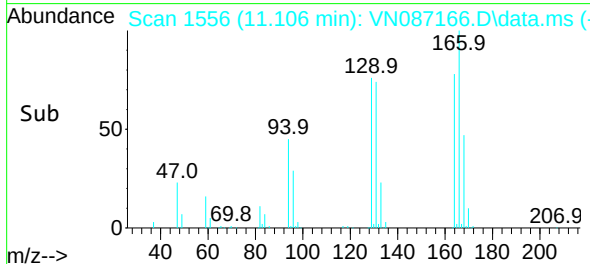
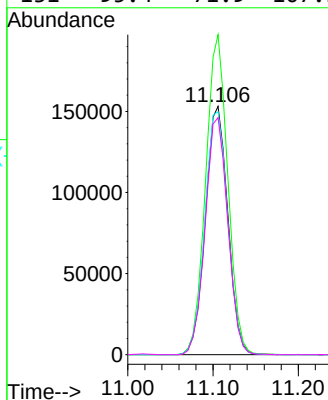
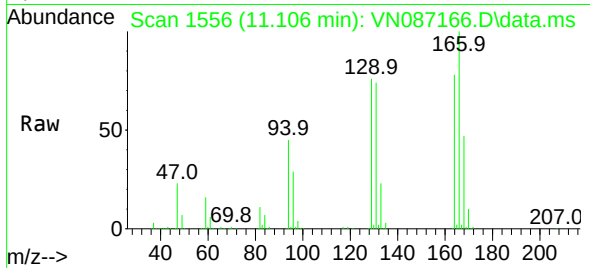




#61
Tetrachloroethene
Concen: 152.149 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

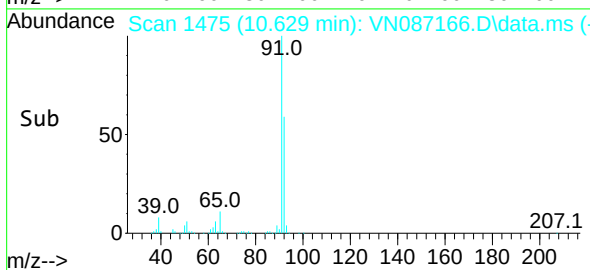
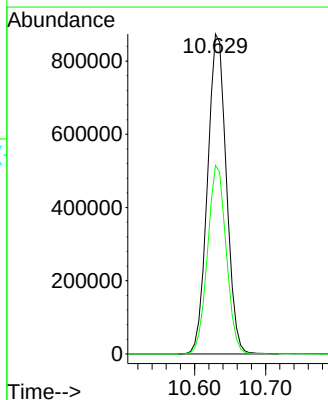
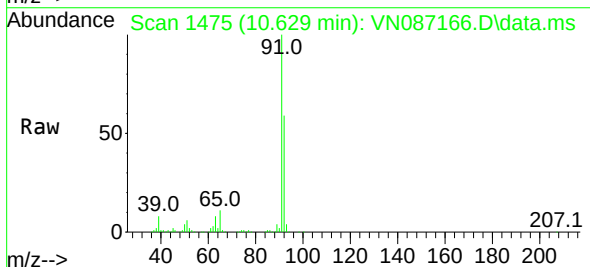
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

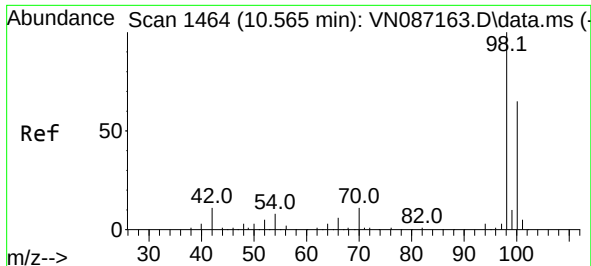
Tgt Ion:164 Resp: 281420
Ion Ratio Lower Upper
164 100
166 128.9 105.4 158.2
129 97.8 77.9 116.9
131 95.4 71.9 107.9



#62
Toluene
Concen: 152.314 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 91 Resp: 1606715
Ion Ratio Lower Upper
91 100
92 58.6 45.8 68.8

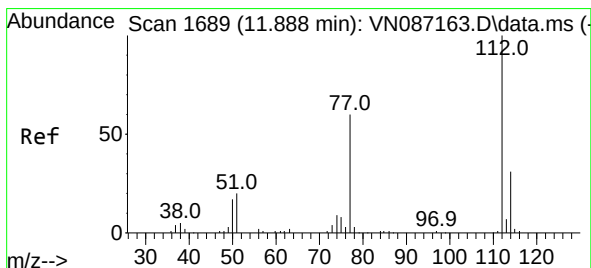
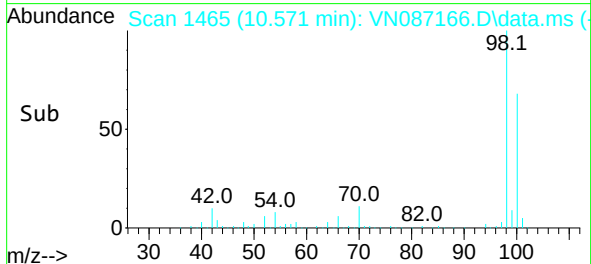
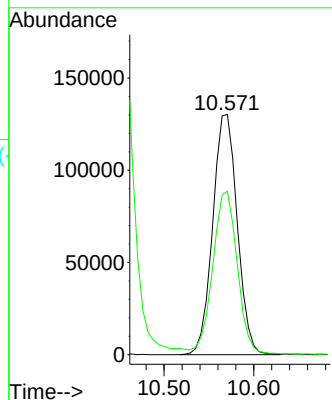
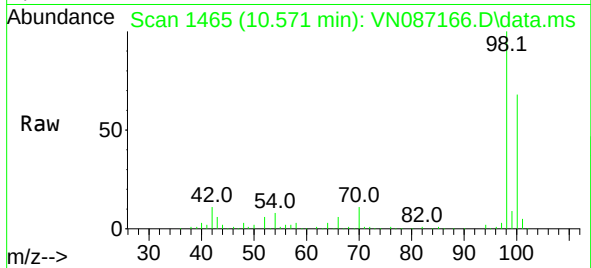




#63
Toluene-d8
Concen: 29.501 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

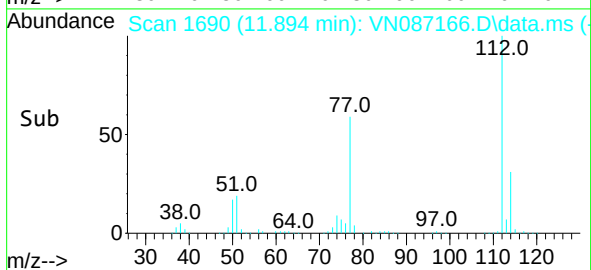
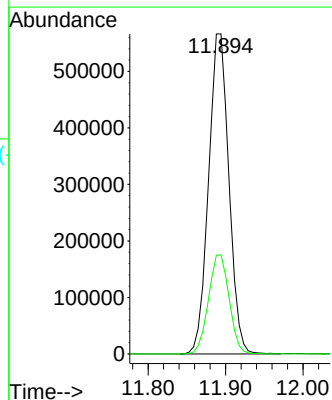
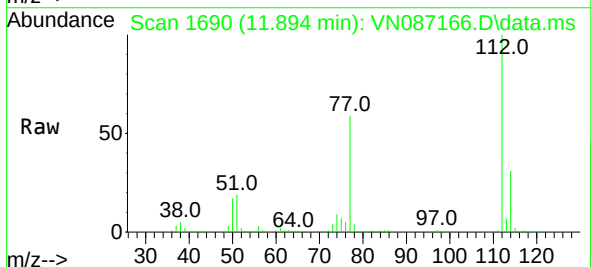
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

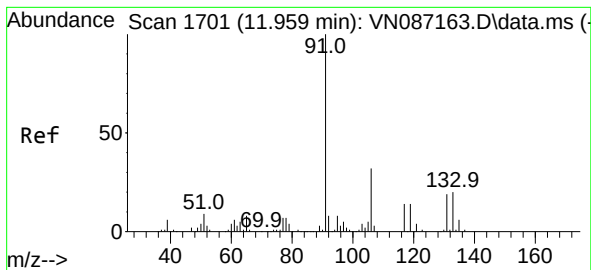
Tgt Ion: 98 Resp: 247397
Ion Ratio Lower Upper
98 100
100 67.5 52.5 78.7



#64
Chlorobenzene
Concen: 153.471 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 112 Resp: 1032685
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

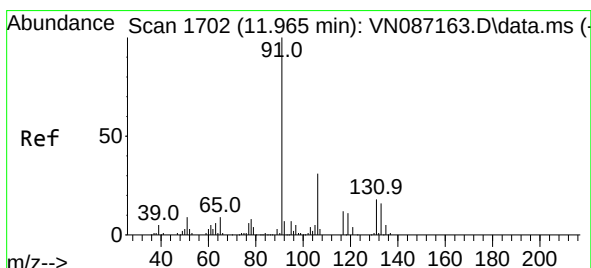
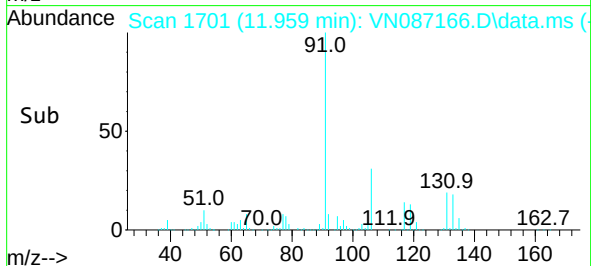
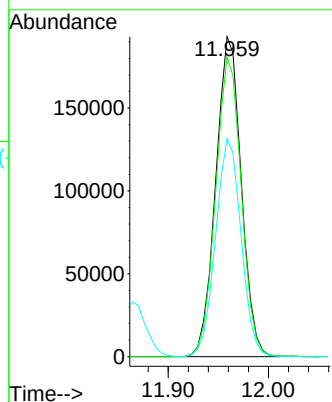
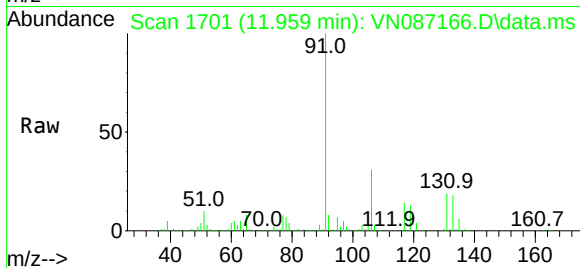




#65
1,1,1,2-Tetrachloroethane
Concen: 153.308 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

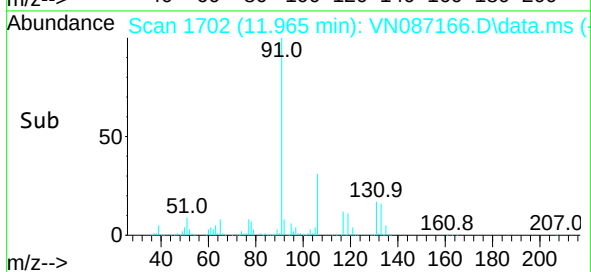
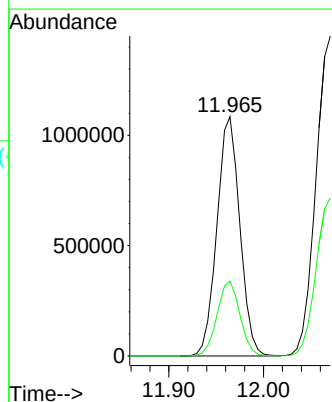
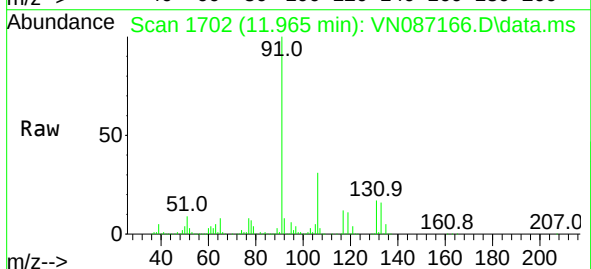
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

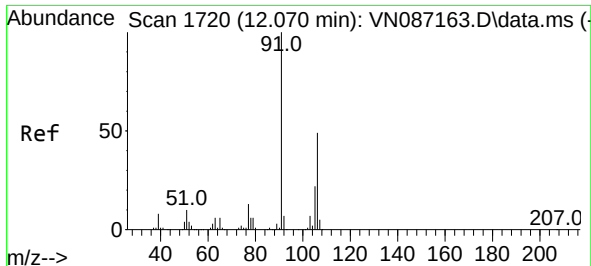
Tgt Ion:131 Resp: 340847
Ion Ratio Lower Upper
131 100
133 94.0 0.0 187.8
119 68.2 0.0 140.0



#66
Ethyl Benzene
Concen: 157.842 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 91 Resp: 1822466
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2

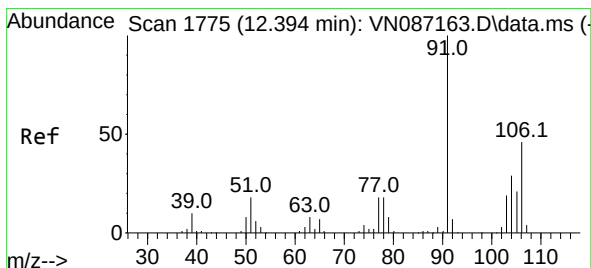
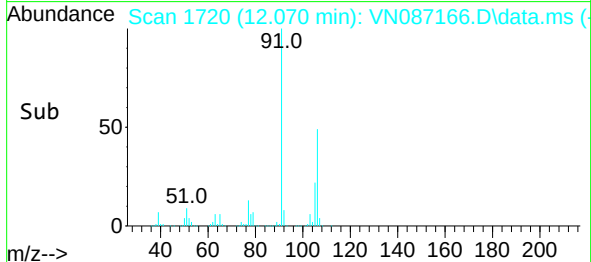
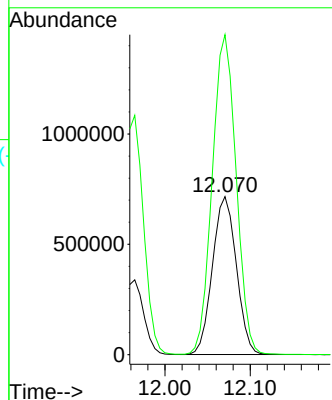
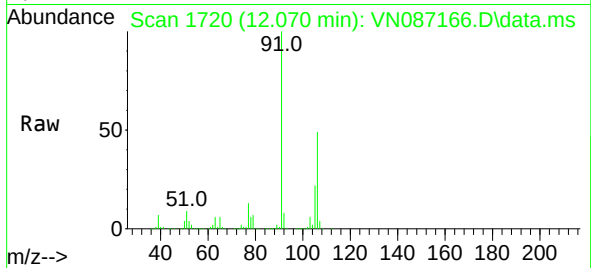




#67
m/p-Xylenes
Concen: 315.174 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

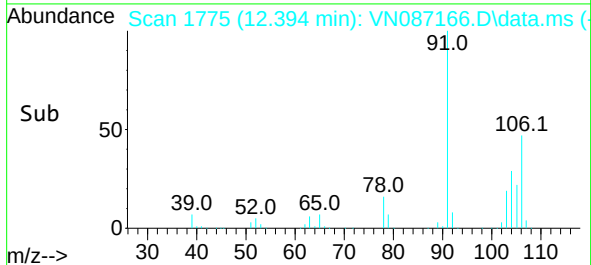
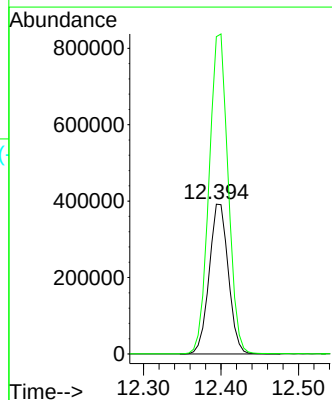
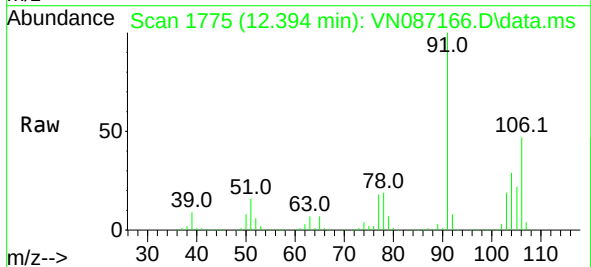
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

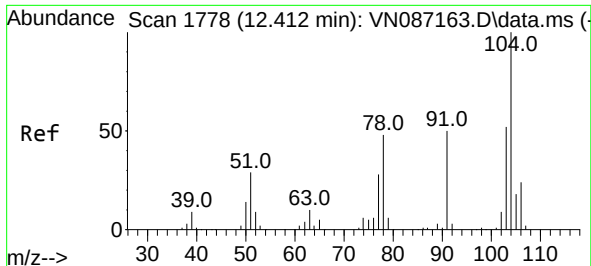
Tgt Ion:106 Resp: 1394481
Ion Ratio Lower Upper
106 100
91 202.6 163.0 244.4



#68
o-Xylene
Concen: 159.333 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion:106 Resp: 672570
Ion Ratio Lower Upper
106 100
91 213.1 107.1 321.1

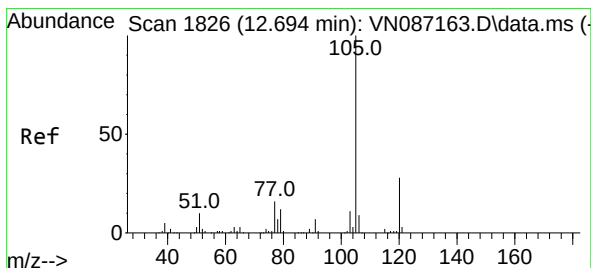
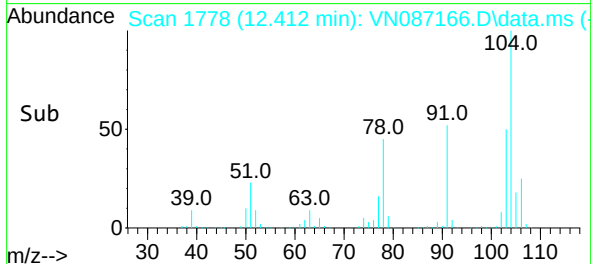
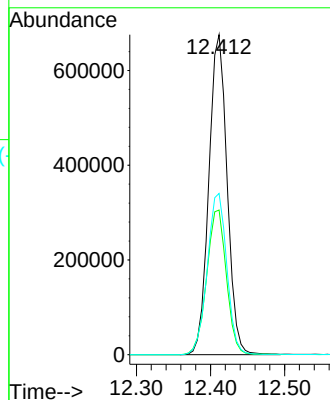
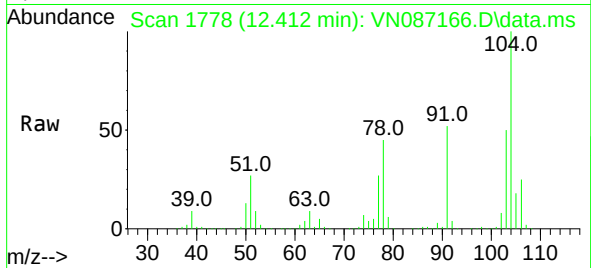




#69
Styrene
Concen: 160.007 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

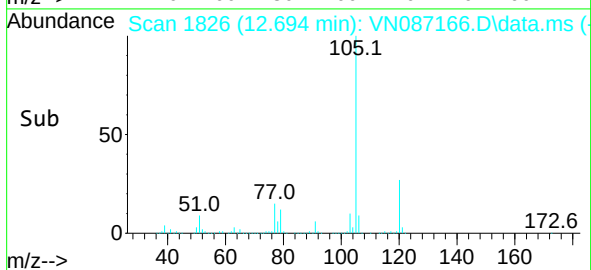
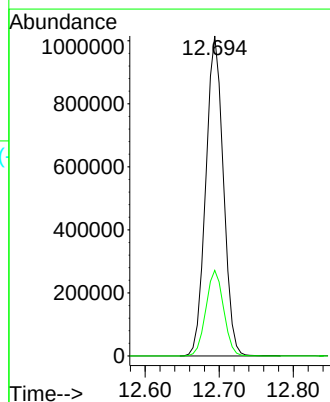
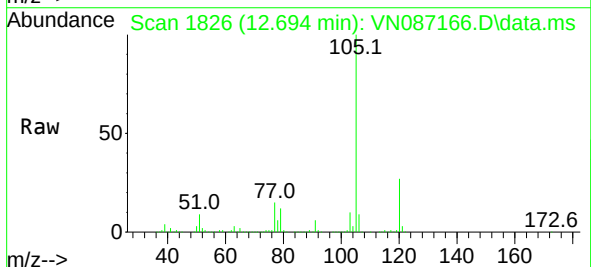
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

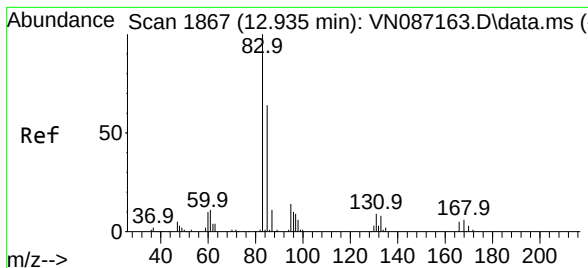
Tgt Ion:104 Resp: 1159533
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.8
103 54.0 44.2 66.4



#70
Isopropylbenzene
Concen: 158.835 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion:105 Resp: 1669808
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.2

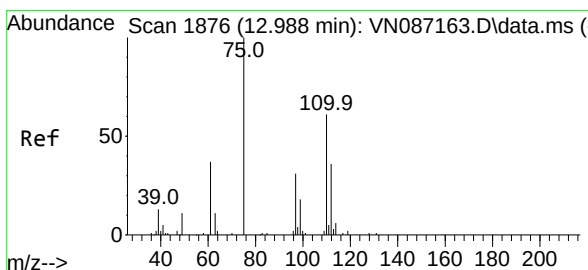
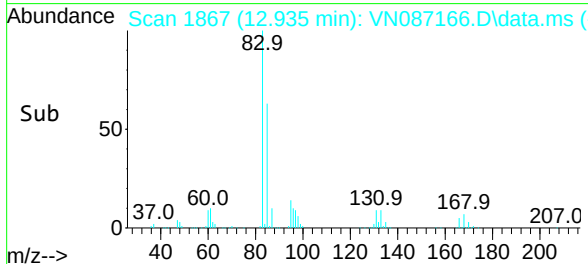
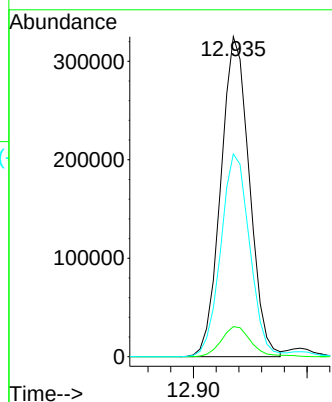
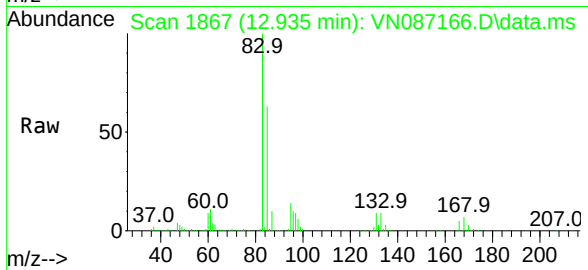




#71
1,1,2-Tetrachloroethane
Concen: 149.931 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

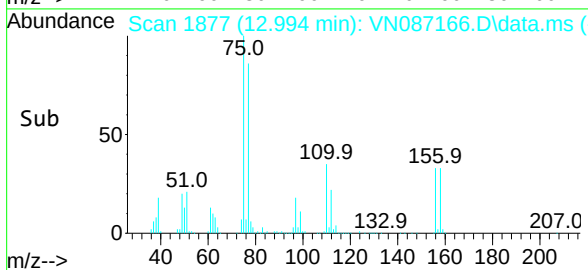
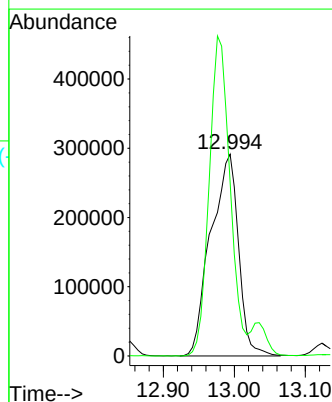
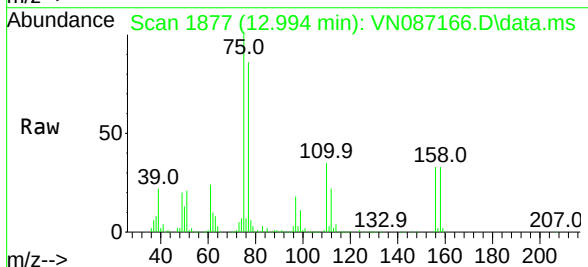
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

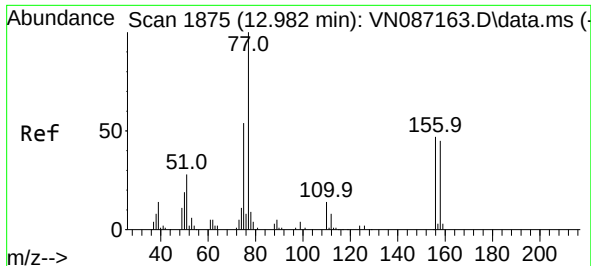
Tgt Ion: 83 Resp: 567347
Ion Ratio Lower Upper
83 100
131 9.8 4.5 13.4
85 64.4 31.3 93.9



#72
1,2,3-Trichloropropane
Concen: 241.640 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 75 Resp: 788508
Ion Ratio Lower Upper
75 100
77 119.5 0.0 379.2

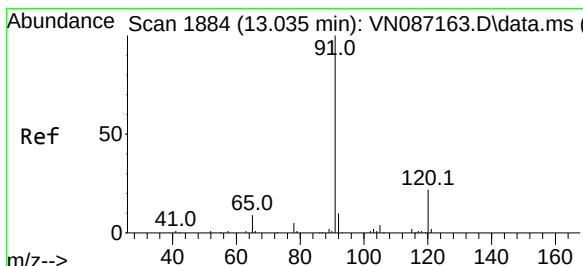
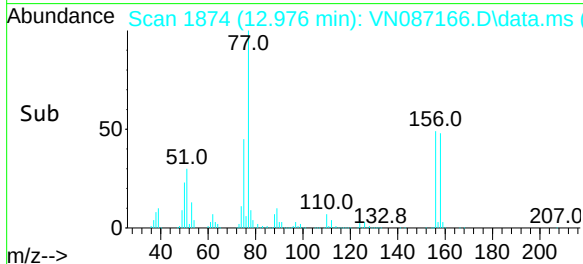
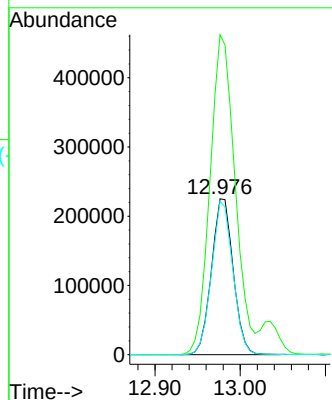
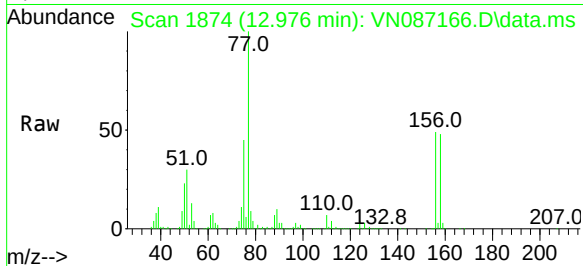




#73
Bromobenzene
Concen: 156.370 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

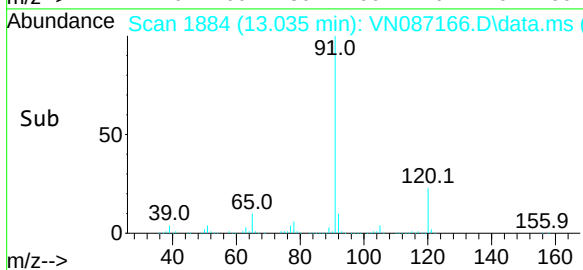
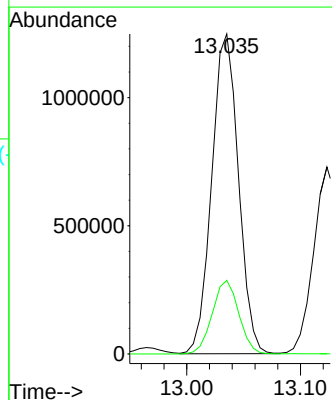
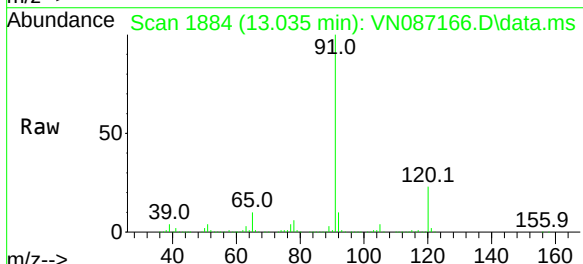
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

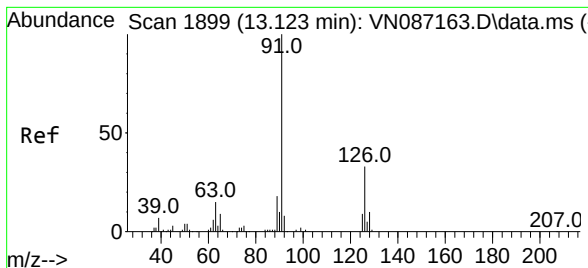
Tgt Ion:156 Resp: 398769
Ion Ratio Lower Upper
156 100
77 236.3 0.0 489.0
158 96.6 0.0 195.2



#74
n-propylbenzene
Concen: 158.598 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 91 Resp: 2036919
Ion Ratio Lower Upper
91 100
120 22.8 0.0 43.6

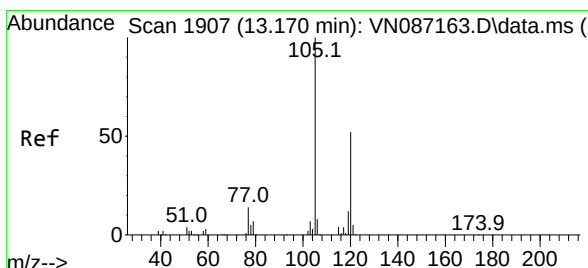
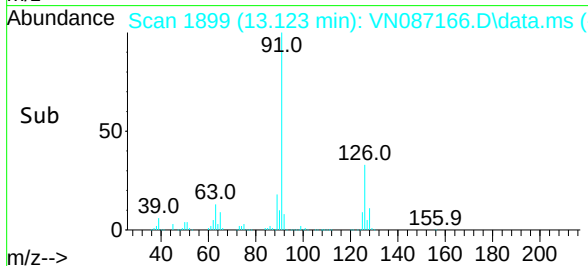
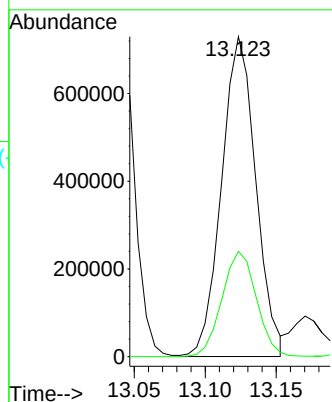
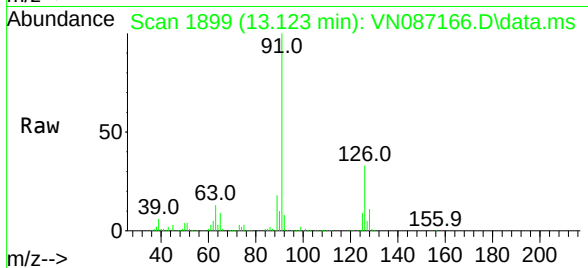




#75
2-Chlorotoluene
Concen: 157.581 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

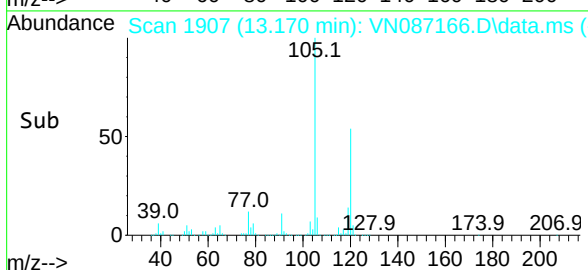
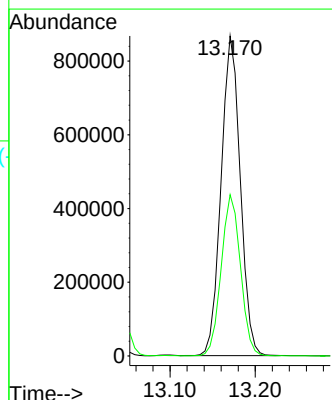
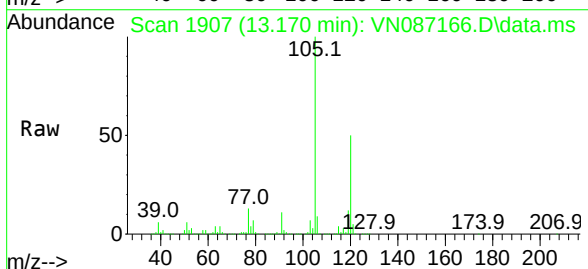
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

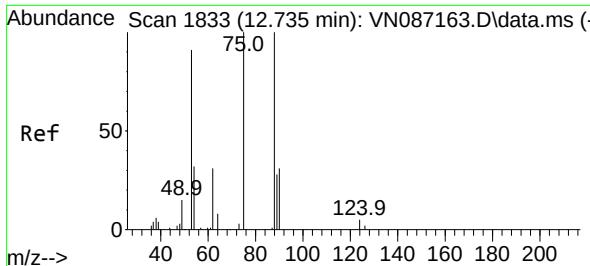
Tgt Ion: 91 Resp: 1222718
Ion Ratio Lower Upper
91 100
126 33.2 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 158.518 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion:105 Resp: 1356652
Ion Ratio Lower Upper
105 100
120 50.8 0.0 100.8

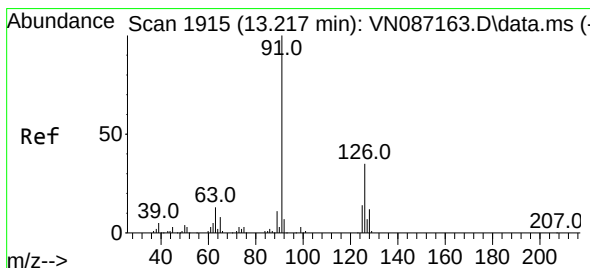
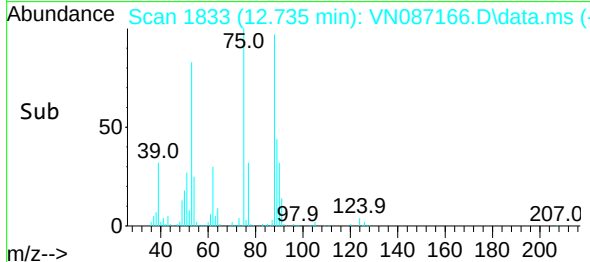
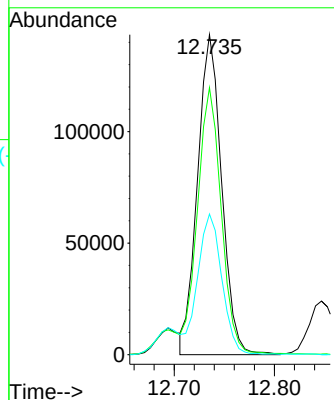
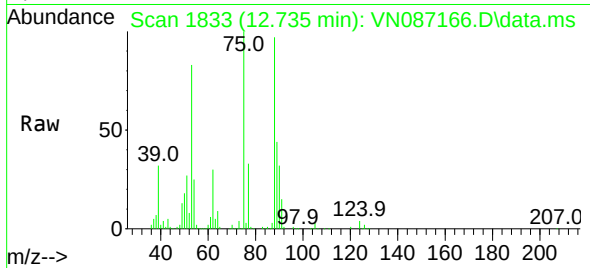




#77
t-1,4-Dichloro-2-butene
Concen: 166.195 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

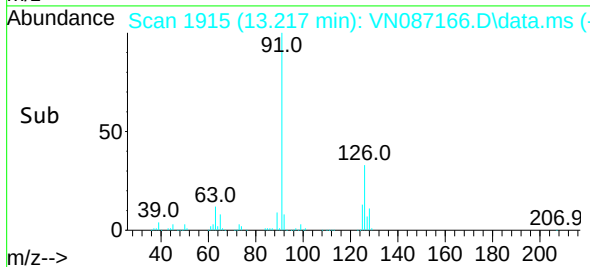
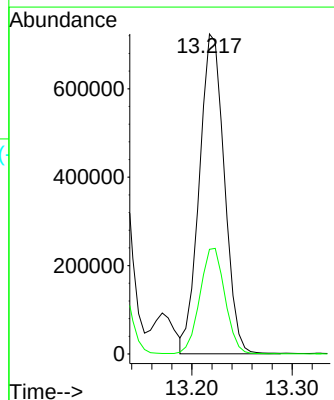
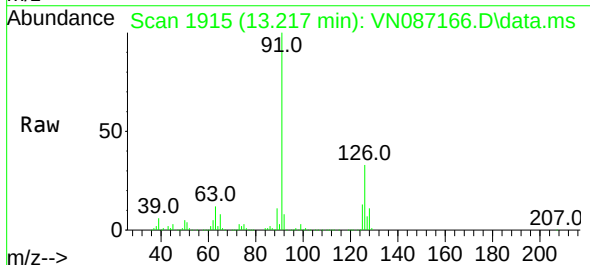
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

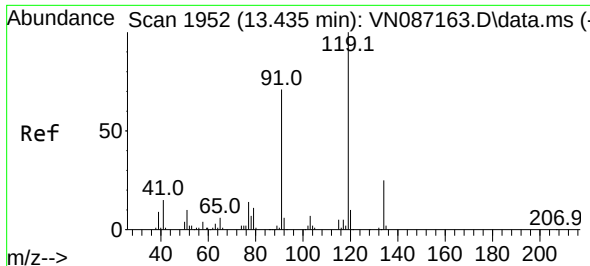
Tgt Ion: 75 Resp: 240560
Ion Ratio Lower Upper
75 100
53 83.3 45.9 137.6
89 44.0 22.3 66.9



#78
4-Chlorotoluene
Concen: 158.007 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 91 Resp: 1255673
Ion Ratio Lower Upper
91 100
126 33.2 0.0 65.2

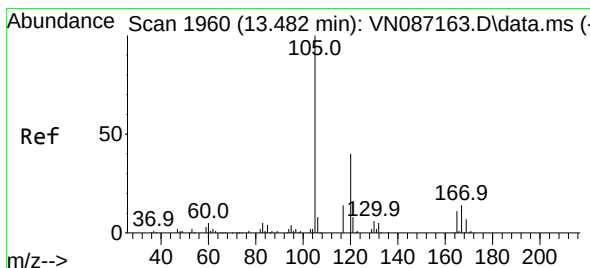
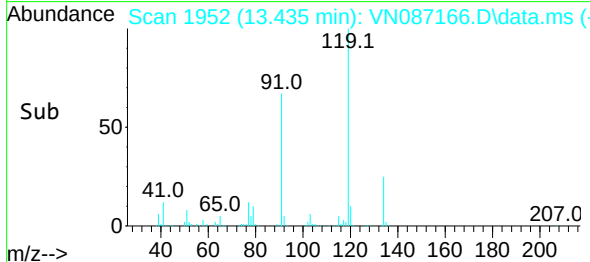
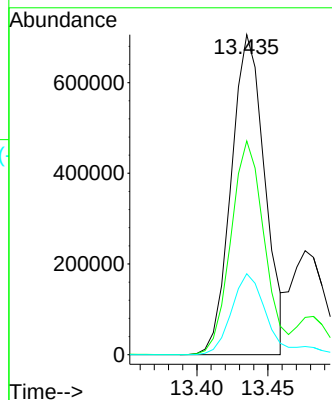
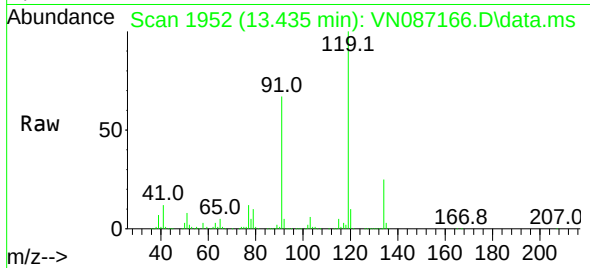




#79
tert-butylbenzene
Concen: 161.530 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

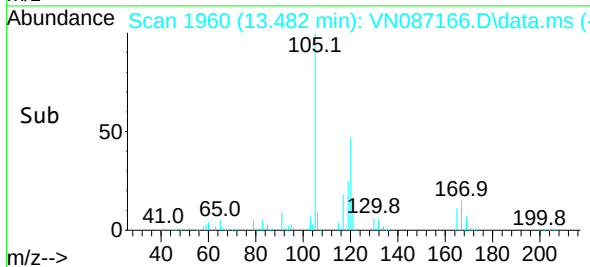
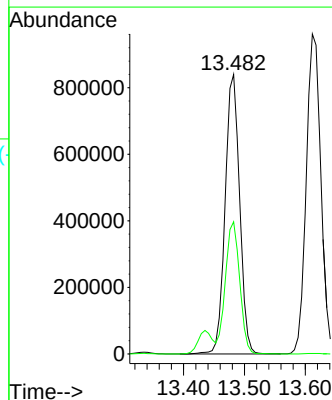
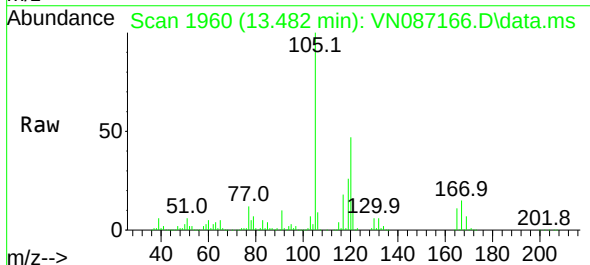
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

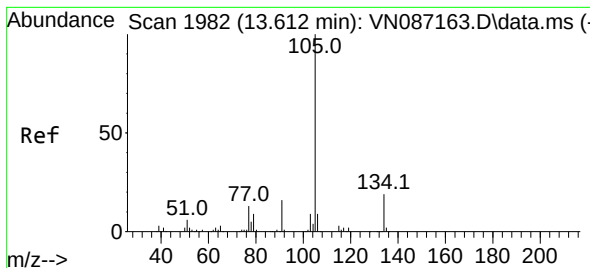
Tgt Ion:119 Resp: 1162060
Ion Ratio Lower Upper
119 100
91 66.5 0.0 137.0
134 25.6 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 161.492 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion:105 Resp: 1387864
Ion Ratio Lower Upper
105 100
120 46.7 0.0 94.0





#81

sec-Butylbenzene

Concen: 152.758 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

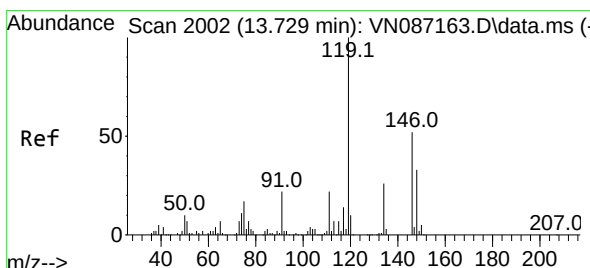
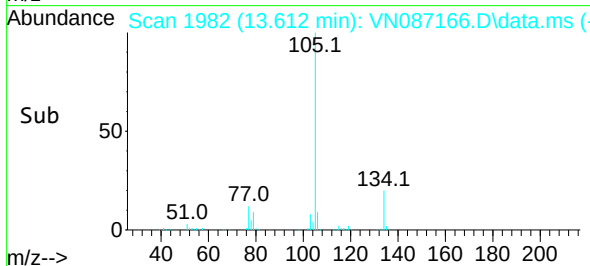
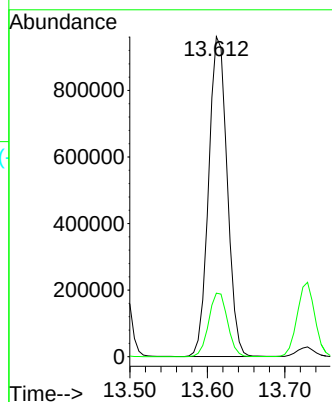
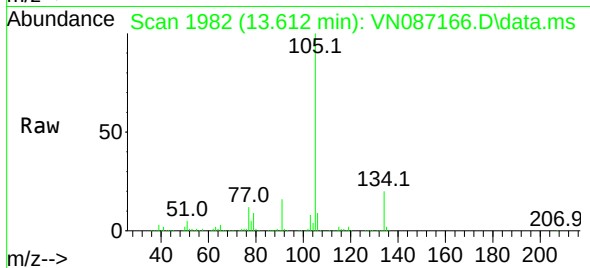
VSTDIC150

Tgt Ion:105 Resp: 1597517

Ion Ratio Lower Upper

105 100

134 20.2 0.0 39.4



#82

p-Isopropyltoluene

Concen: 155.116 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

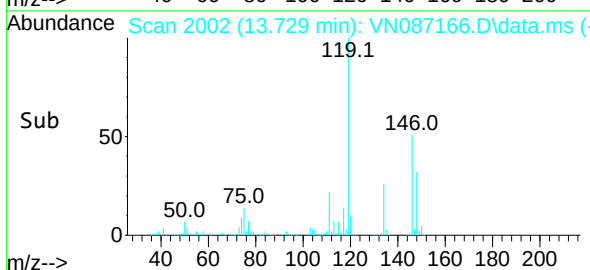
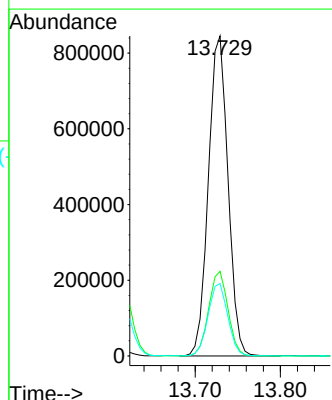
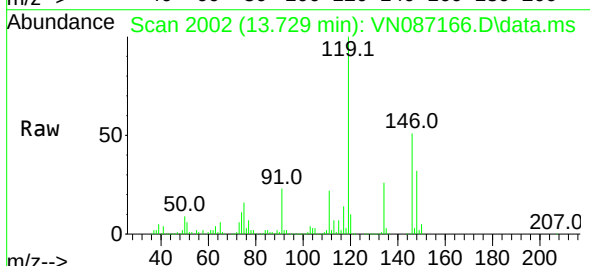
Tgt Ion:119 Resp: 1349971

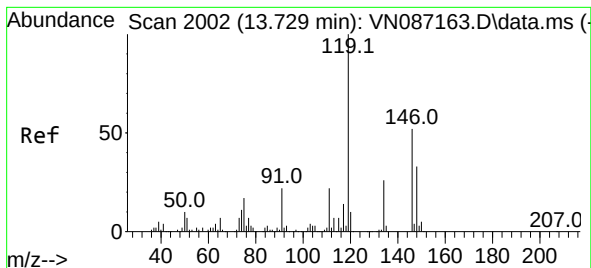
Ion Ratio Lower Upper

119 100

134 26.2 0.0 51.2

91 22.7 0.0 46.4





#83

1,3-Dichlorobenzene

Concen: 148.650 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

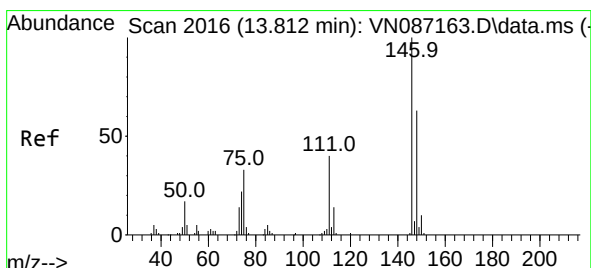
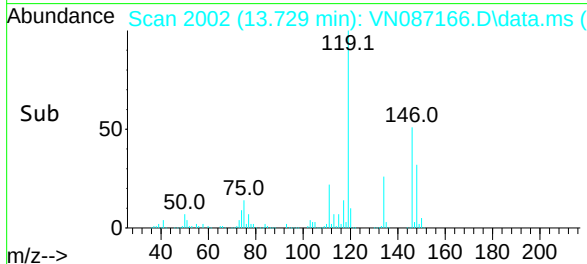
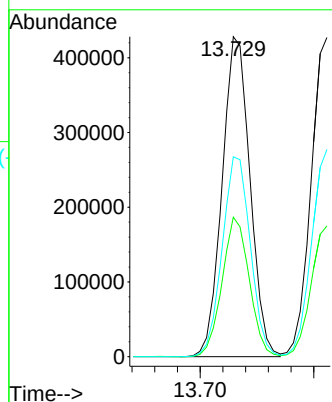
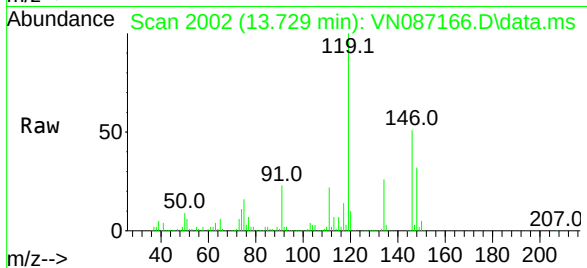
Tgt Ion:146 Resp: 729988

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.3

148 63.2 31.6 94.8



#84

1,4-Dichlorobenzene

Concen: 148.985 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN087166.D

Acq: 25 Jun 2025 10:24

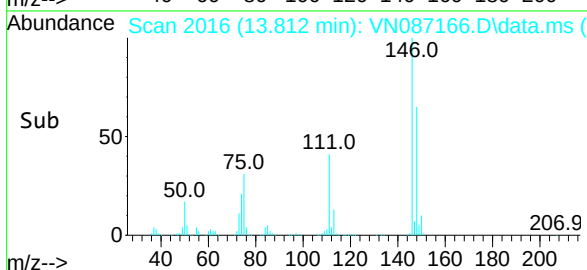
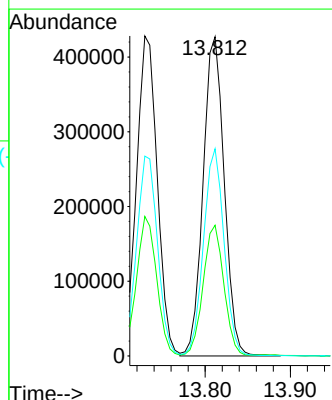
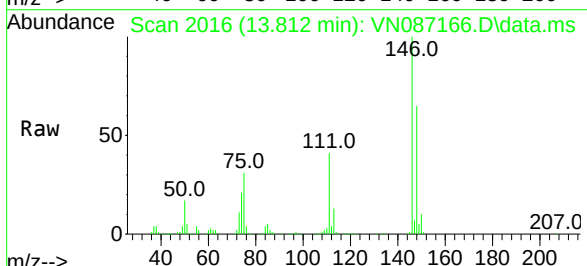
Tgt Ion:146 Resp: 736335

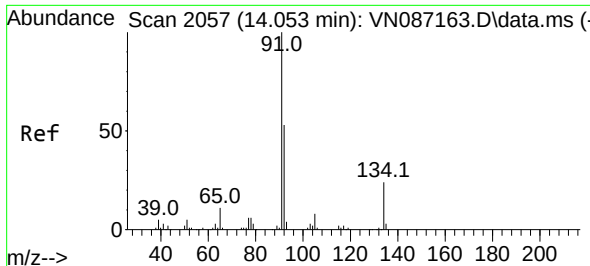
Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.2

148 63.4 31.4 94.2

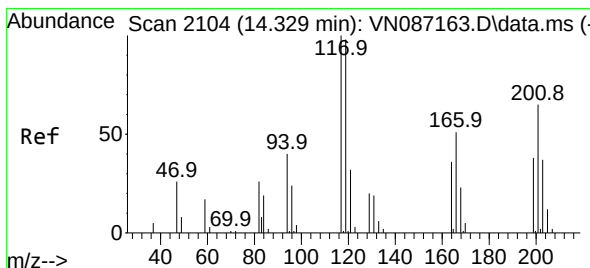
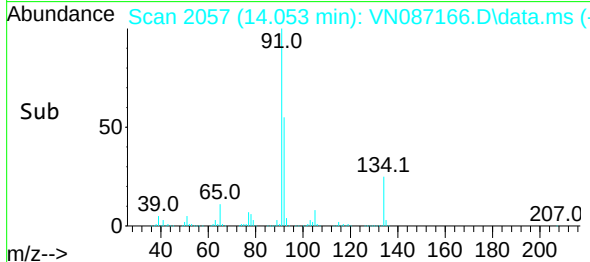
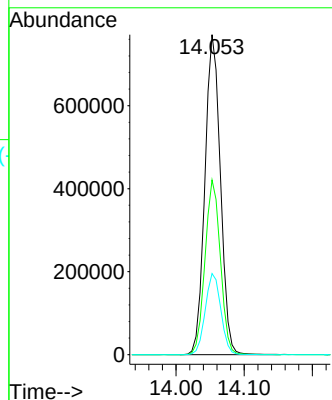
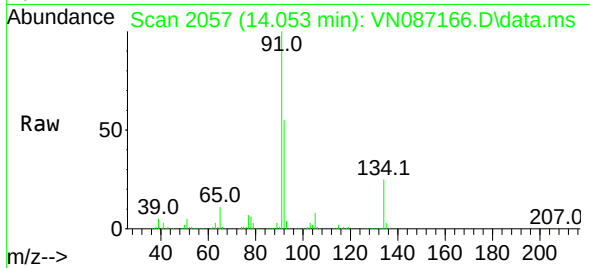




#85
n-Butylbenzene
Concen: 153.699 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

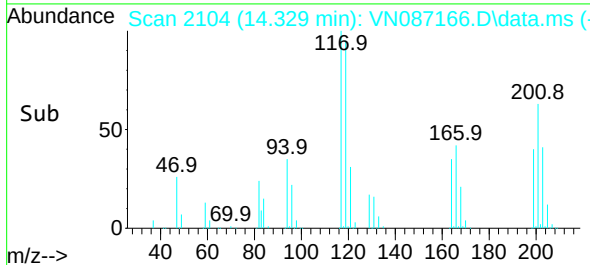
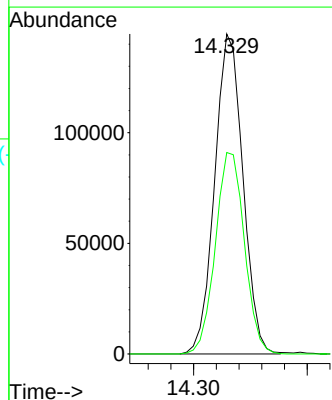
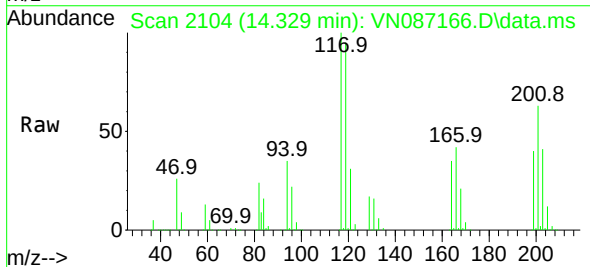
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

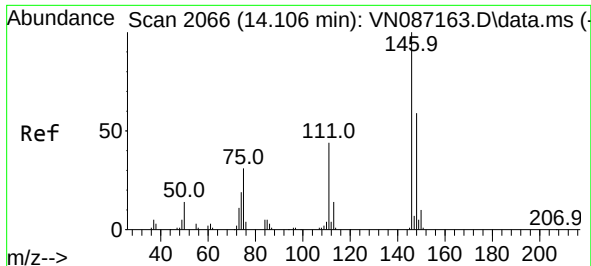
Tgt Ion: 91 Resp: 1220446
Ion Ratio Lower Upper
91 100
92 54.0 0.0 106.4
134 25.5 0.0 48.8



#86
Hexachloroethane
Concen: 151.628 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 117 Resp: 249792
Ion Ratio Lower Upper
117 100
201 64.7 30.8 92.3

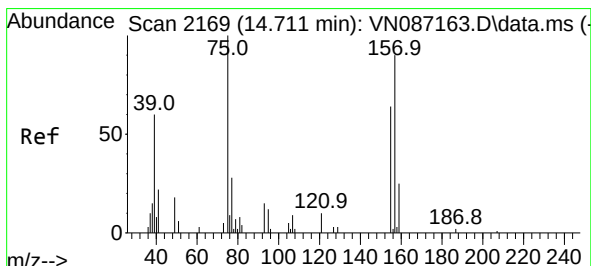
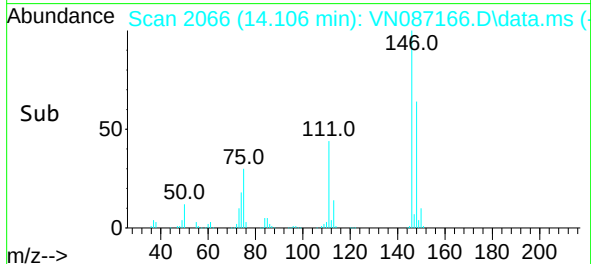
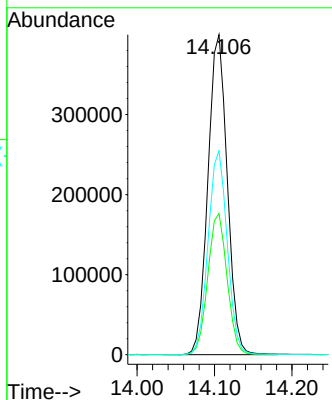
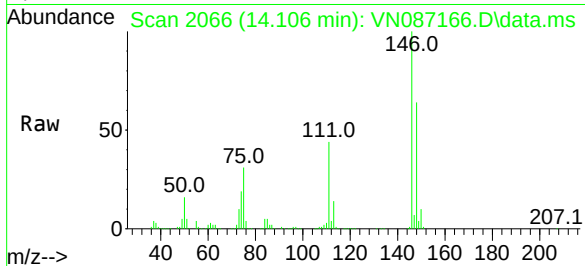




#87
1,2-Dichlorobenzene
Concen: 149.799 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

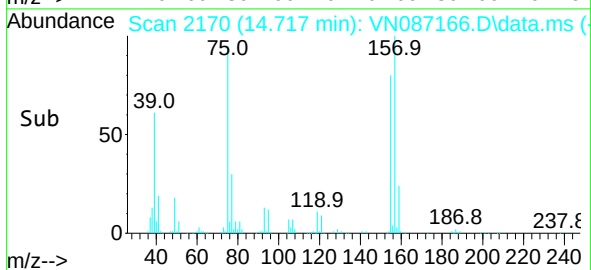
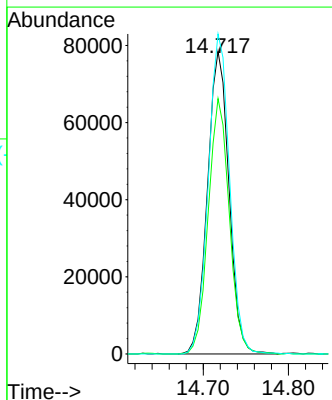
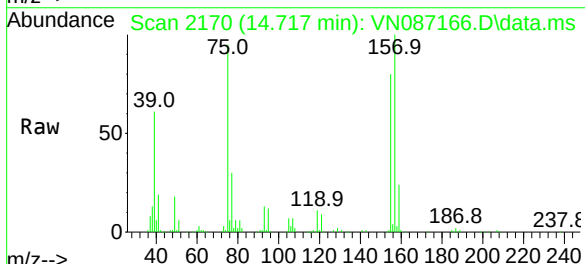
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

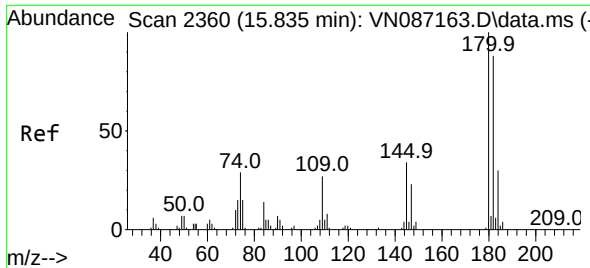
Tgt Ion:146 Resp: 693617
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.1
148 63.2 31.6 95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 161.439 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion: 75 Resp: 137557
Ion Ratio Lower Upper
75 100
155 82.4 58.3 87.5
157 104.6 79.2 118.8

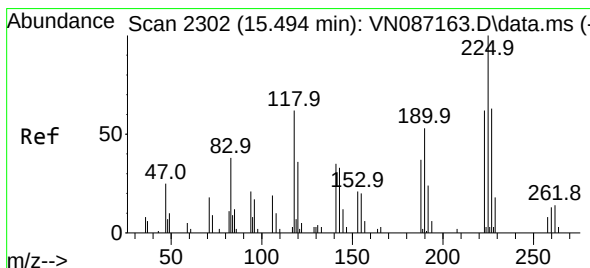
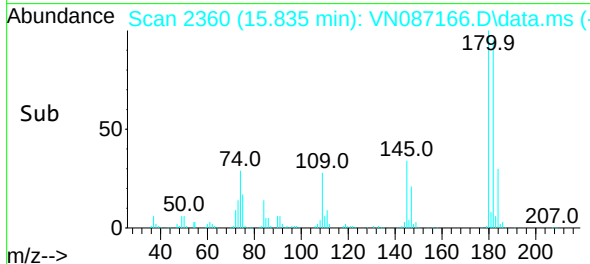
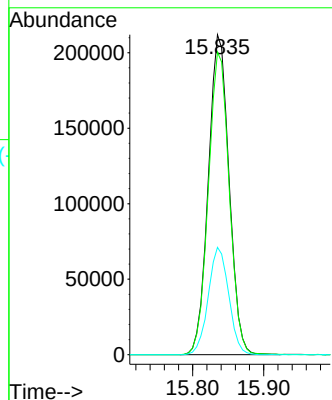
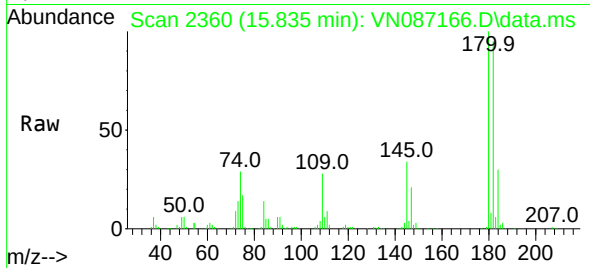




#89
1,2,4-Trichlorobenzene
Concen: 163.850 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

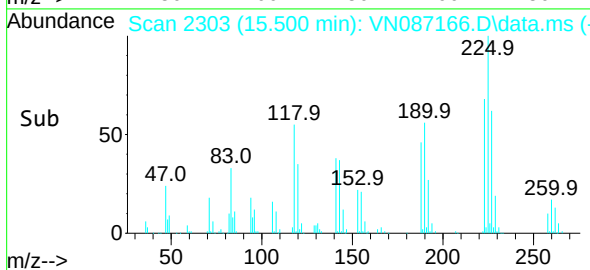
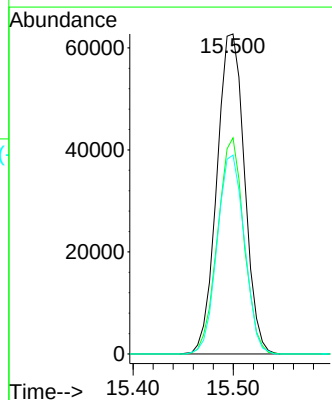
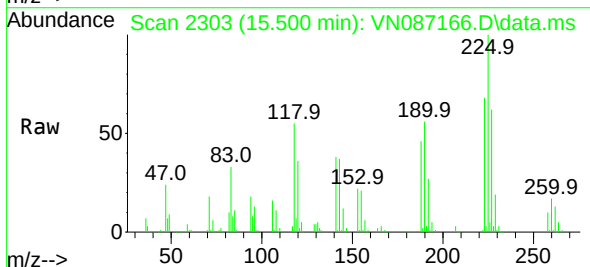
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

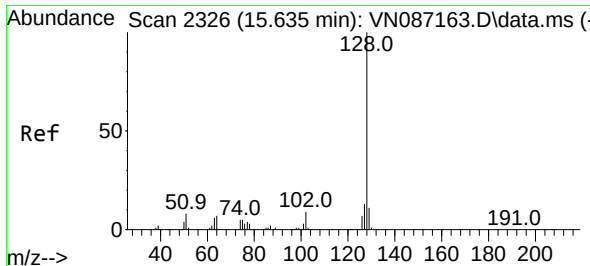
Tgt Ion:180 Resp: 429237
Ion Ratio Lower Upper
180 100
182 95.2 74.2 111.2
145 33.1 27.6 41.4



#90
Hexachlorobutadiene
Concen: 154.580 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion:225 Resp: 120167
Ion Ratio Lower Upper
225 100
223 64.3 0.0 134.2
227 61.1 0.0 122.6

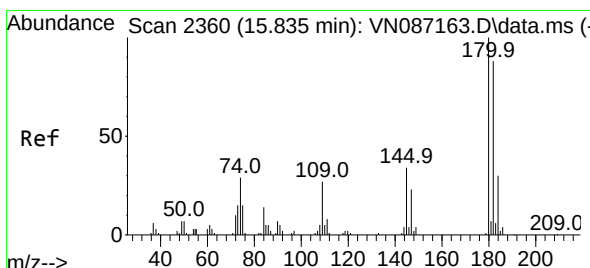
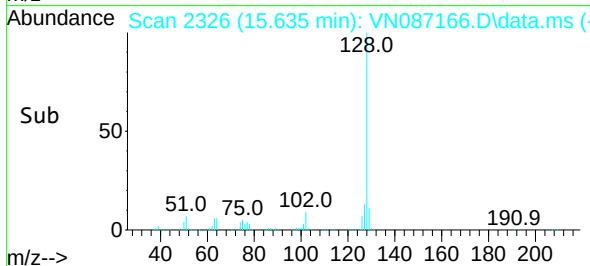
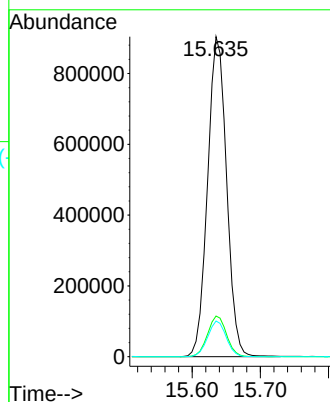
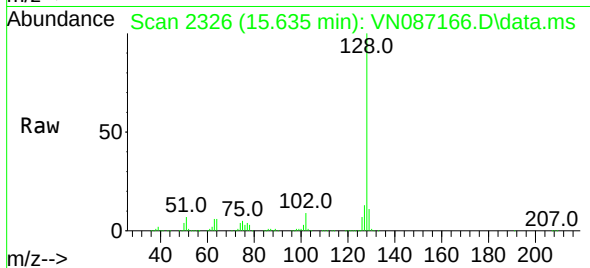




#91
Naphthalene
Concen: 170.340 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1756242
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 163.850 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087166.D
Acq: 25 Jun 2025 10:24

Tgt Ion:180 Resp: 429237
Ion Ratio Lower Upper
180 100
182 95.2 0.0 185.4
145 33.1 0.0 69.0

