

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087165.D
 Acq On : 25 Jun 2025 10:03
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 25 15:24:55 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	35618	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	201156	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	183622	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	79655	29.682	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.933%		
60) 4-Bromofluorobenzene	12.847	95	89811	31.696	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	105.667%		
63) Toluene-d8	10.570	98	240658	29.190	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	209048	97.501	ug/l	98
3) Chloromethane	2.395	50	219144	100.070	ug/l	99
4) Vinyl Chloride	2.553	62	231029	97.068	ug/l	96
5) Bromomethane	2.977	94	121155	95.917	ug/l	96
6) Chloroethane	3.147	64	127025	99.492	ug/l	96
7) Trichlorofluoromethane	3.524	101	284892	97.586	ug/l	99
8) Diethyl Ether	3.983	74	144856	100.992	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.394	101	211983	97.938	ug/l #	89
10) 1,1-Dichloroethene	4.359	96	210381	97.507	ug/l	99
11) Methyl Iodide	4.612	142	223592	115.673	ug/l	94
12) Methyl Acetate	5.047	43	342955	101.335	ug/l	99
13) Acrolein	4.194	56	269423	518.086	ug/l	98
14) Acrylonitrile	5.736	53	792103	501.776	ug/l	99
15) Acetone	4.447	58	221668	481.387	ug/l	88
16) Carbon Disulfide	4.736	76	599738	95.070	ug/l	99
17) Allyl chloride	5.047	41	352481	99.048	ug/l	96
18) Methylene Chloride	5.294	84	240448	96.198	ug/l	98
19) trans-1,2-Dichloroethene	5.806	96	227436	96.390	ug/l	98
20) Diisopropyl ether	6.688	45	754179	99.889	ug/l	96
21) 1,1-Dichloroethane	6.583	63	433300	96.021	ug/l	99
22) cis-1,2-Dichloroethene	7.500	96	269357	98.087	ug/l	98
23) tert-Butyl Alcohol	5.547	59	300461	506.103	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	760825	100.543	ug/l	98
25) Chloroform	7.977	83	423559	97.974	ug/l	98
26) Cyclohexane	8.265	56	380867	101.539	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	308919	98.530	ug/l	100
30) 2-Butanone	7.494	43	1060369	501.372	ug/l	99
31) 2,2-Dichloropropane	7.500	77	360566	95.270	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	351600	95.990	ug/l	99
33) Carbon Tetrachloride	8.371	117	300004	97.326	ug/l	98
34) Benzene	8.612	78	974806	98.140	ug/l	96
35) Methacrylonitrile	7.788	41	210741	98.873	ug/l	93
36) 1,2-Dichloroethane	8.677	62	306293	95.441	ug/l	98
37) Trichloroethene	9.359	130	225493	98.424	ug/l	91
38) Methylcyclohexane	9.606	83	369519	102.718	ug/l	97
39) 1,2-Dichloropropane	9.624	63	243095	97.509	ug/l	96
40) Dibromomethane	9.712	93	165326	97.526	ug/l	98
41) Bromodichloromethane	9.888	83	324962	94.970	ug/l	99
42) Vinyl Acetate	6.618	43	3371109	490.068	ug/l	98

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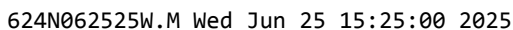
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 ClientSampleId :
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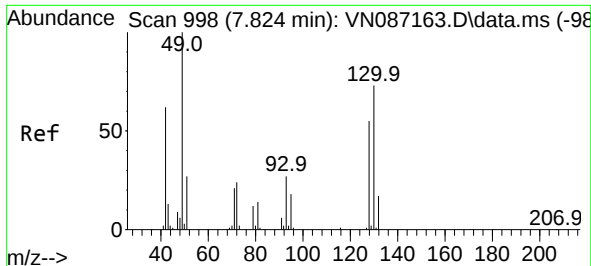
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	382364	100.150	ug/l	97
44) Isopropyl Acetate	8.694	43	615849	99.004	ug/l	97
45) 1,4-Dioxane	9.706	88	88061	2092.758	ug/l #	94
46) Methyl methacrylate	9.682	41	289659	100.167	ug/l	98
47) n-amyl Acetate	12.506	43	386267	101.565	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	371754	97.458	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	392118	96.696	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	222928	92.575	ug/l	98
51) Ethyl methacrylate	10.876	69	387380	105.692	ug/l	99
52) 1,3-Dichloropropane	11.165	76	388131	93.884	ug/l	99
53) Dibromochloromethane	11.359	129	243297	96.250	ug/l	98
54) 1,2-Dibromoethane	11.470	107	239775	96.511	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	1069566	509.107	ug/l	99
56) Bromoform	12.576	173	172827	99.458	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	1927138	522.050	ug/l	100
59) 2-Hexanone	11.200	43	1309927	549.538	ug/l	98
61) Tetrachloroethene	11.106	164	172205	94.700	ug/l	96
62) Toluene	10.629	91	1005355	96.942	ug/l	99
64) Chlorobenzene	11.894	112	655778	99.131	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	216474	99.038	ug/l	98
66) Ethyl Benzene	11.965	91	1162597	102.420	ug/l	99
67) m/p-Xylenes	12.070	106	898830	206.636	ug/l	99
68) o-Xylene	12.394	106	432376	104.189	ug/l	99
69) Styrene	12.412	104	742364	104.199	ug/l	99
70) Isopropylbenzene	12.694	105	1079915	104.487	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	370997	99.725	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	513736	160.138	ug/l	52
73) Bromobenzene	12.976	156	255120	101.758	ug/l	98
74) n-propylbenzene	13.035	91	1337231	105.907	ug/l	98
75) 2-Chlorotoluene	13.123	91	795441	104.274	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	897353	106.651	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	154353	108.468	ug/l	91
78) 4-Chlorotoluene	13.217	91	819288	104.864	ug/l	100
79) tert-butylbenzene	13.435	119	765014	108.165	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	903551	106.942	ug/l	99
81) sec-Butylbenzene	13.611	105	1098188	106.813	ug/l	99
82) p-Isopropyltoluene	13.729	119	929641	108.653	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	504027	104.399	ug/l	100
84) 1,4-Dichlorobenzene	13.811	146	503947	103.715	ug/l	99
85) n-Butylbenzene	14.053	91	837235	107.249	ug/l	98
86) Hexachloroethane	14.329	117	169893	104.898	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	478012	105.007	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	86628	103.413	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	274932	106.749	ug/l	98
90) Hexachlorobutadiene	15.500	225	78874	103.203	ug/l	97
91) Naphthalene	15.635	128	1105491	109.064	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	274932	106.749	ug/l	98

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

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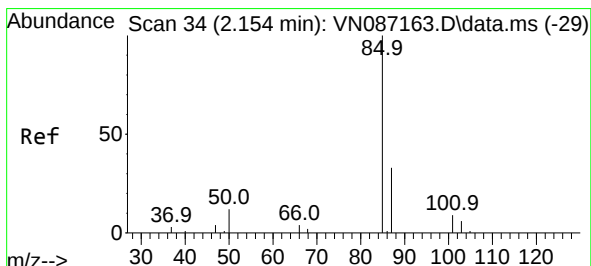
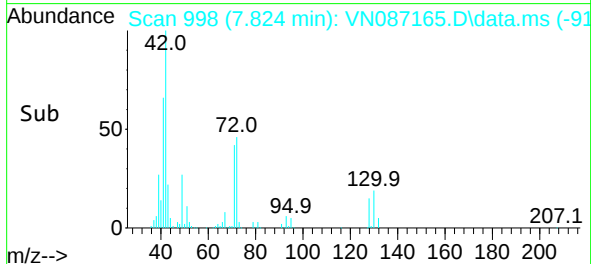
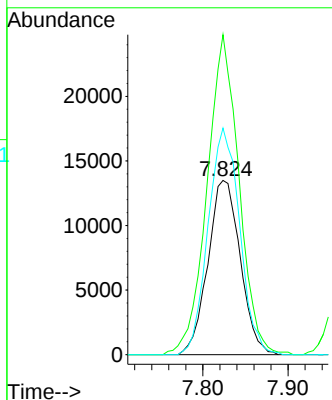
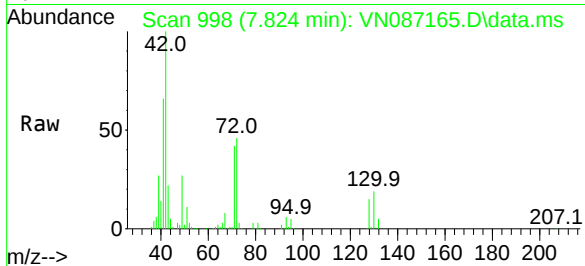




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

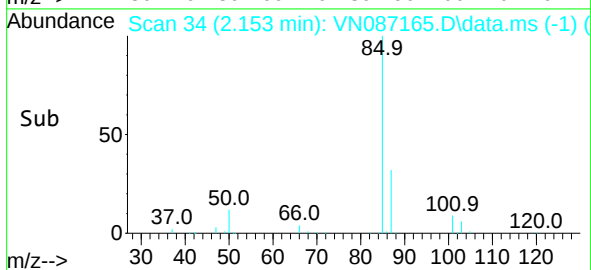
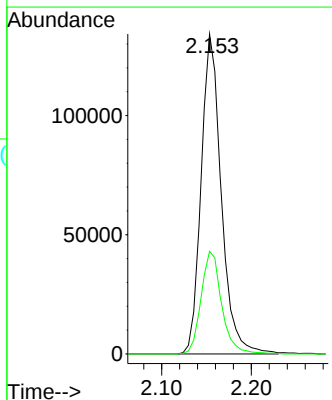
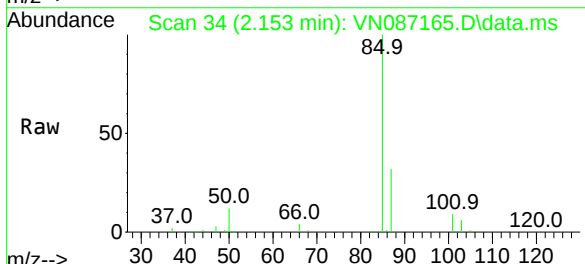
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MSVOA_N
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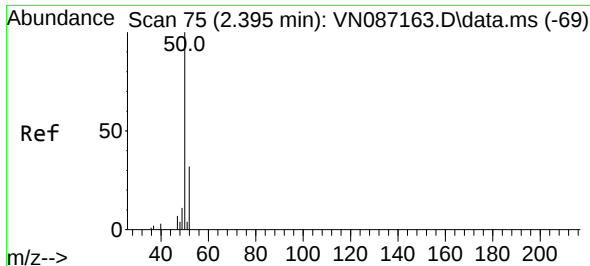
Tgt Ion:128 Resp: 35618
Ion Ratio Lower Upper
128 100
49 180.9 0.0 450.5
130 127.1 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 97.501 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 85 Resp: 209048
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.0

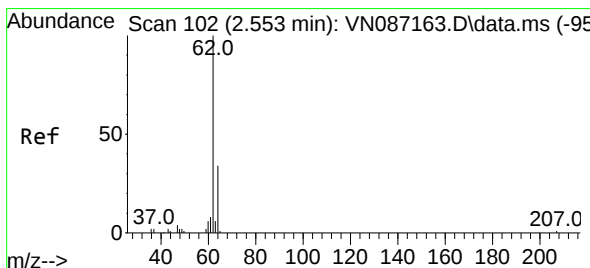
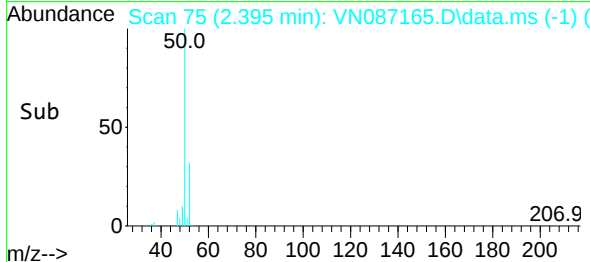
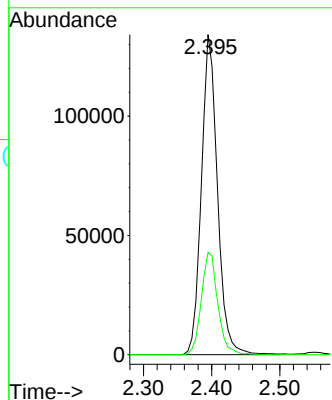
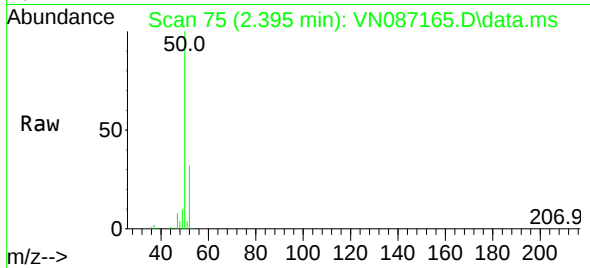




#3
Chloromethane
Concen: 100.070 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

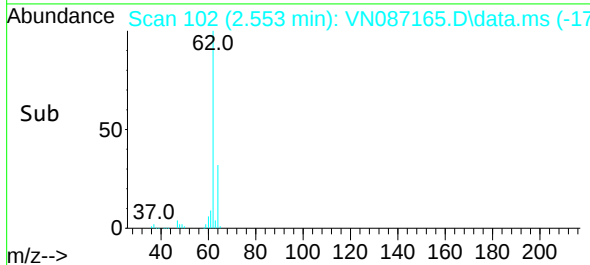
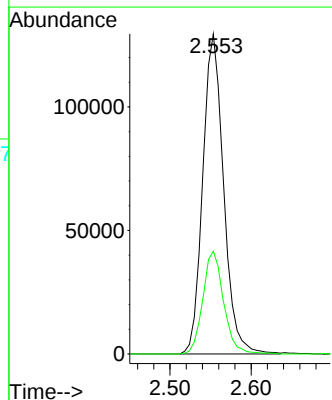
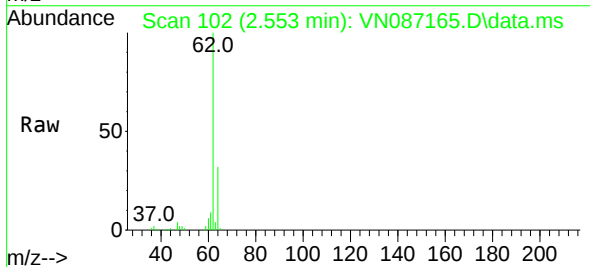
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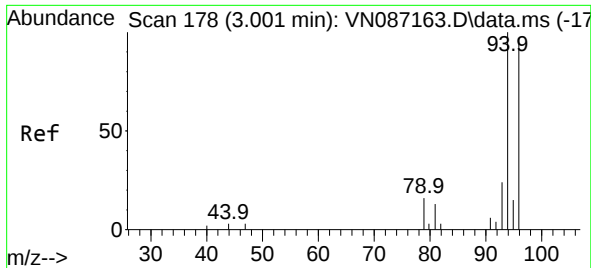
Tgt Ion: 50 Resp: 219144
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9



#4
Vinyl Chloride
Concen: 97.068 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 62 Resp: 231029
Ion Ratio Lower Upper
62 100
64 32.1 27.4 41.2

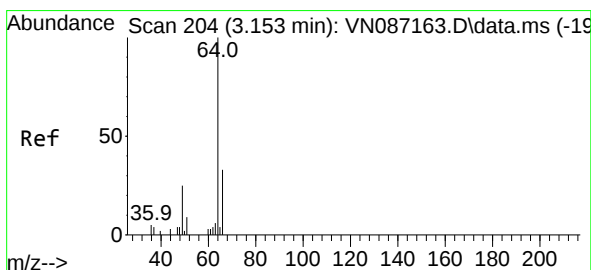
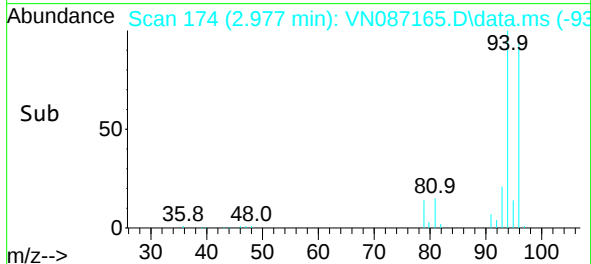
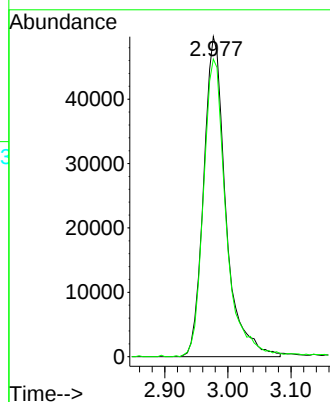
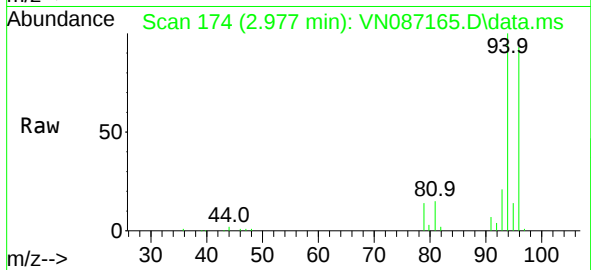




#5
Bromomethane
Concen: 95.917 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

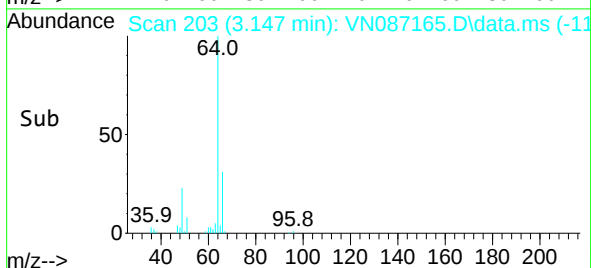
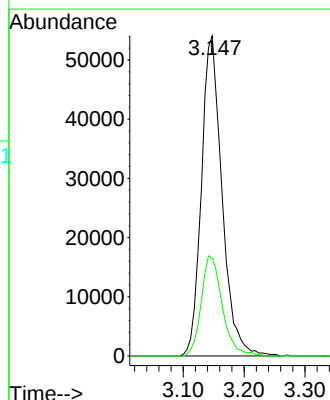
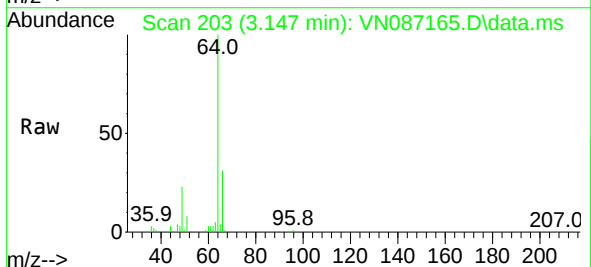
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ClientSampleId :
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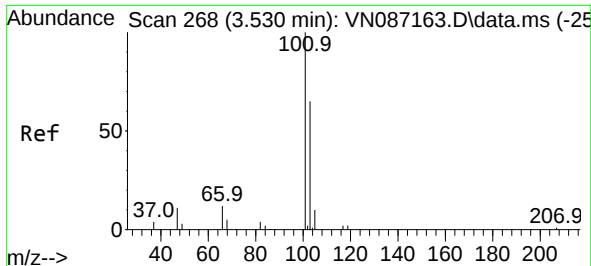
Tgt Ion: 94 Resp: 121155
Ion Ratio Lower Upper
94 100
96 93.0 77.9 116.9



#6
Chloroethane
Concen: 99.492 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 64 Resp: 127025
Ion Ratio Lower Upper
64 100
66 30.5 26.4 39.6

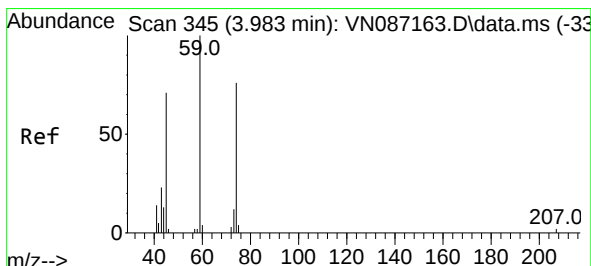
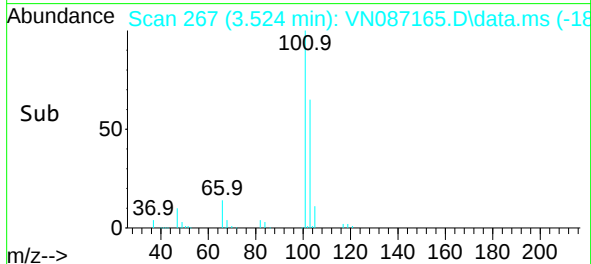
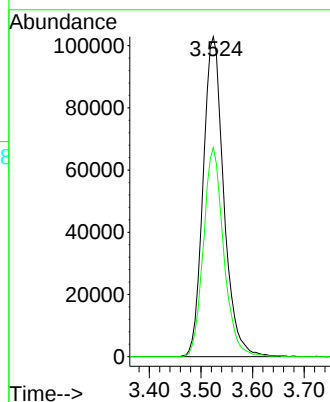
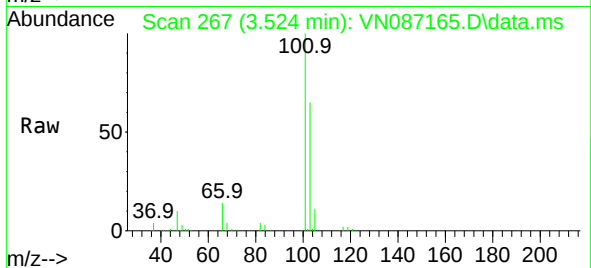




#7
Trichlorofluoromethane
Concen: 97.586 ug/l
RT: 3.524 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087165.D
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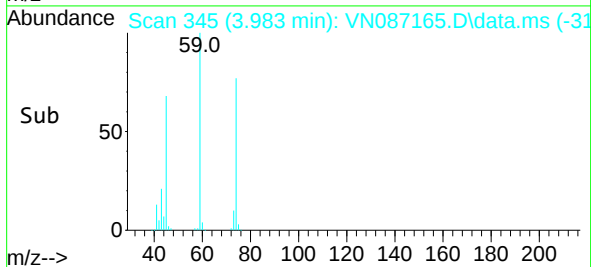
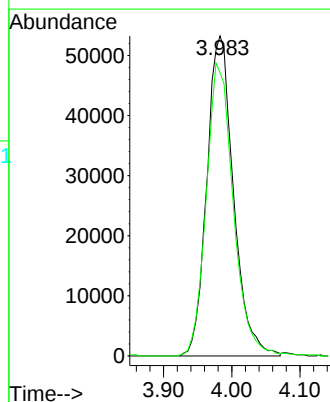
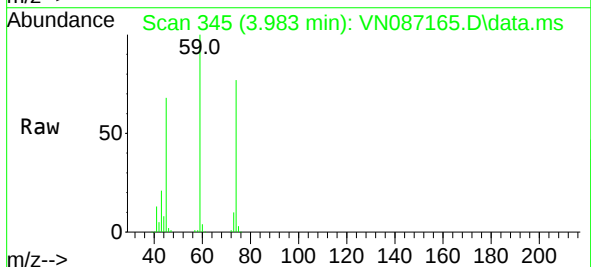
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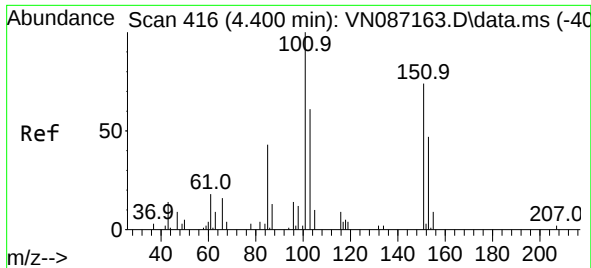
Tgt Ion:101 Resp: 284892
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8



#8
Diethyl Ether
Concen: 100.992 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 74 Resp: 144856
Ion Ratio Lower Upper
74 100
45 92.6 19.0 171.0

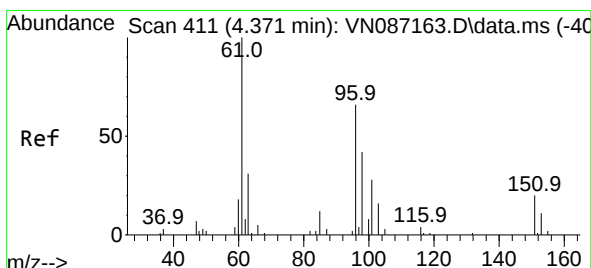
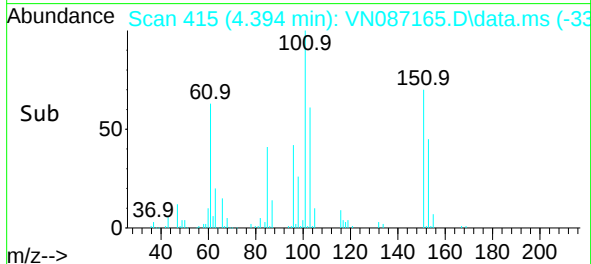
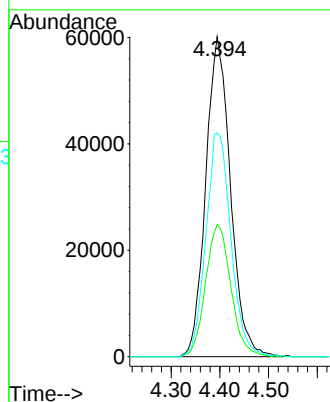
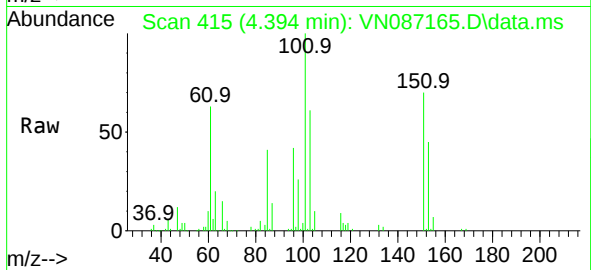




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.938 ug/l
RT: 4.394 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087165.D
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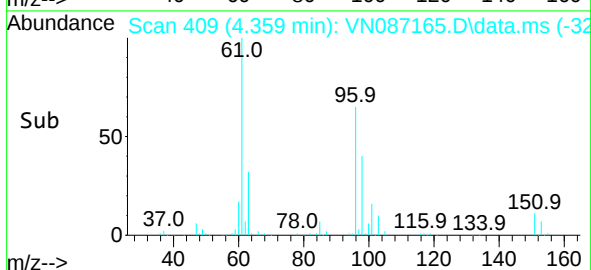
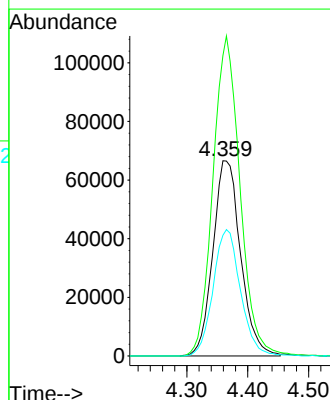
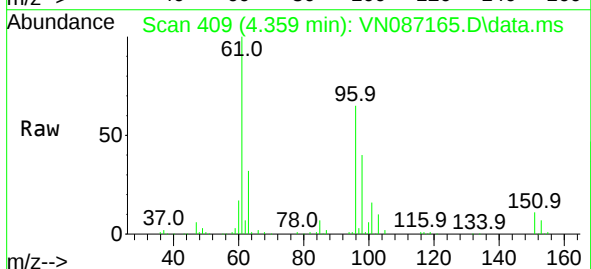
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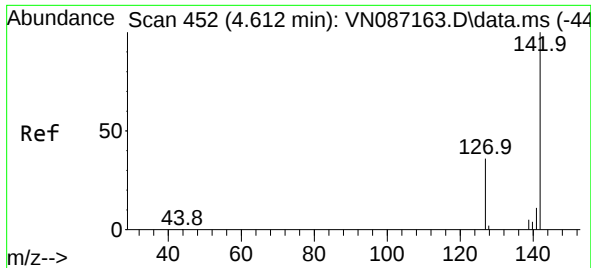
Tgt Ion:101 Resp: 211983
Ion Ratio Lower Upper
101 100
85 42.2 0.0 40.6#
151 70.9 0.0 141.2



#10
1,1-Dichloroethene
Concen: 97.507 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 96 Resp: 210381
Ion Ratio Lower Upper
96 100
61 153.8 122.0 183.0
98 61.8 50.3 75.5

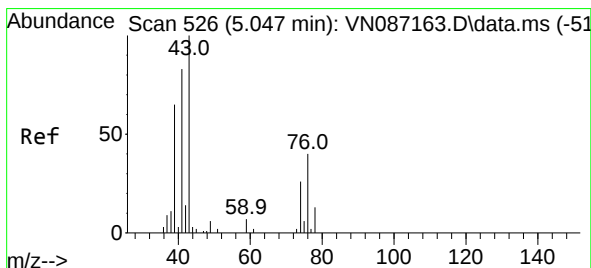
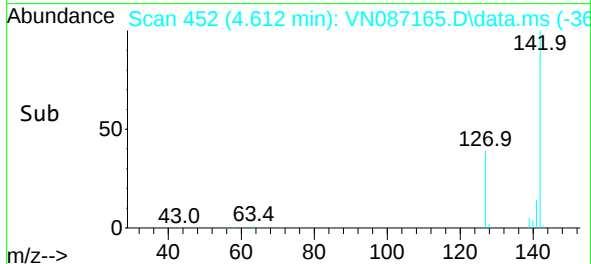
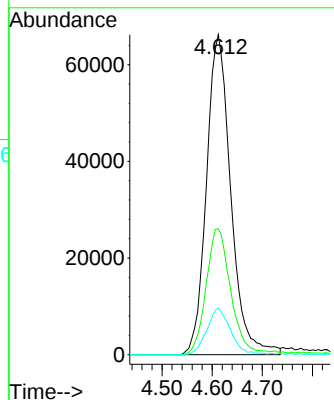
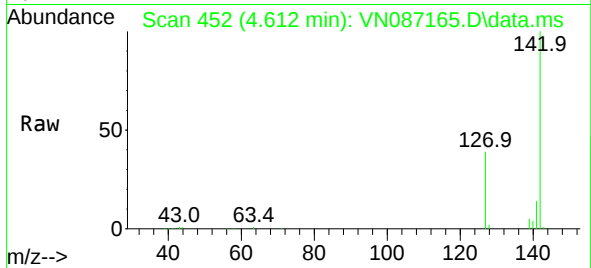




#11
Methyl Iodide
Concen: 115.673 ug/l
RT: 4.612 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

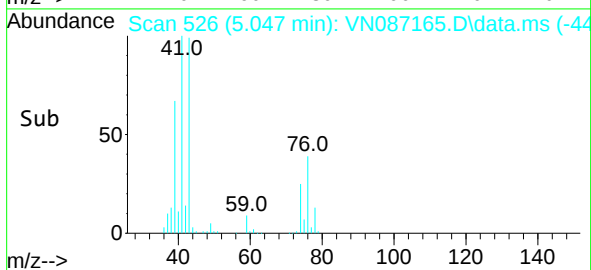
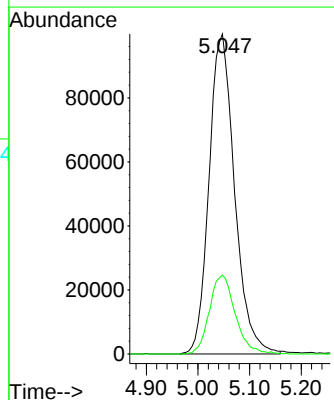
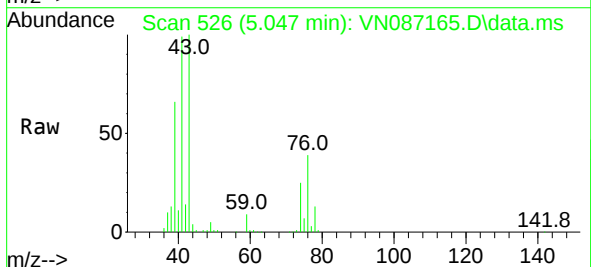
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

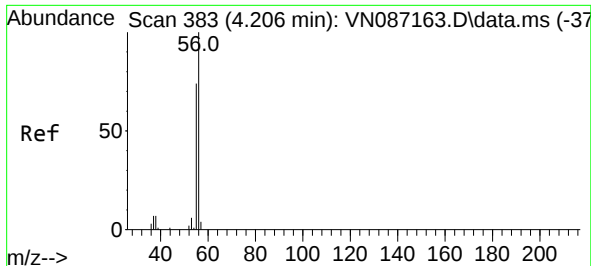
Tgt Ion:142 Resp: 223592
Ion Ratio Lower Upper
142 100
127 39.2 18.1 54.1
141 14.4 5.7 17.1



#12
Methyl Acetate
Concen: 101.335 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 43 Resp: 342955
Ion Ratio Lower Upper
43 100
74 24.7 20.3 30.5

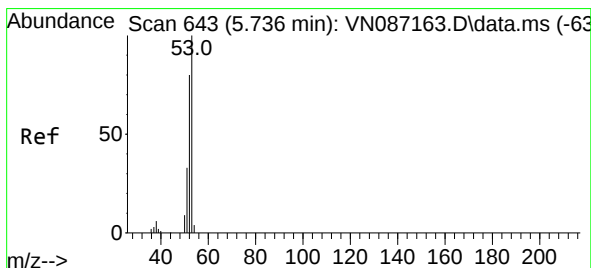
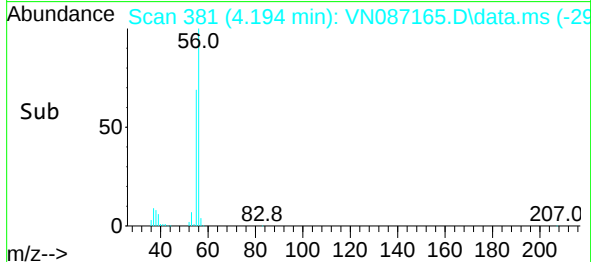
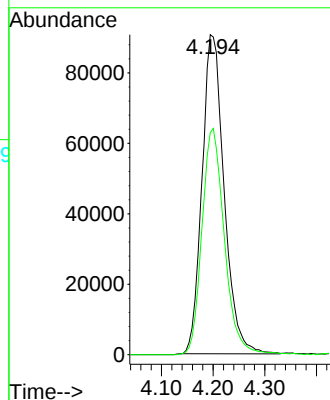
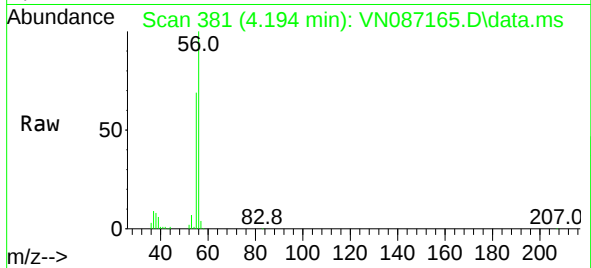




#13
Acrolein
Concen: 518.086 ug/l
RT: 4.194 min Scan# 381
Delta R.T. -0.012 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

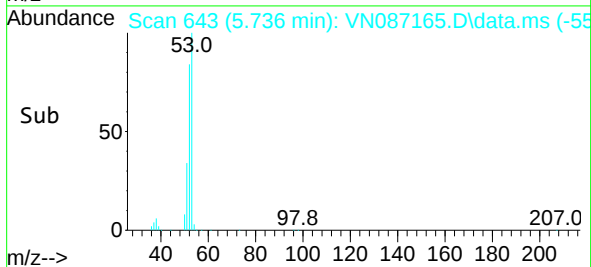
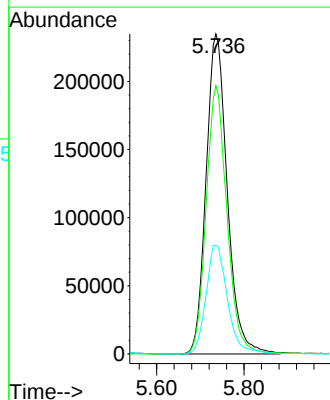
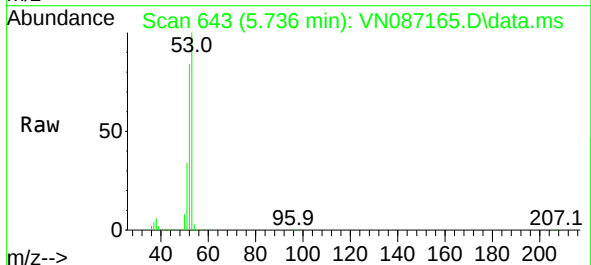
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

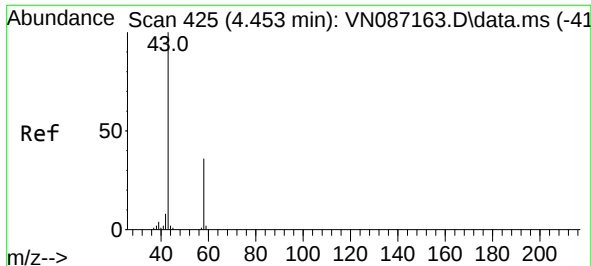
Tgt Ion: 56 Resp: 269423
Ion Ratio Lower Upper
56 100
55 71.4 55.7 83.5



#14
Acrylonitrile
Concen: 501.776 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

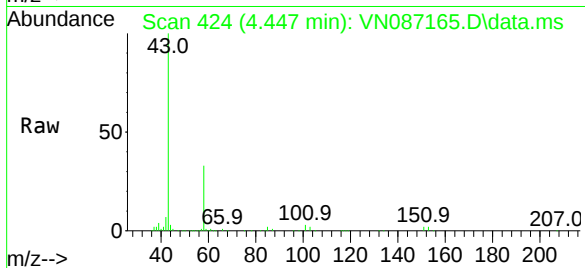
Tgt Ion: 53 Resp: 792103
Ion Ratio Lower Upper
53 100
52 82.0 40.5 121.5
51 34.4 16.9 50.7



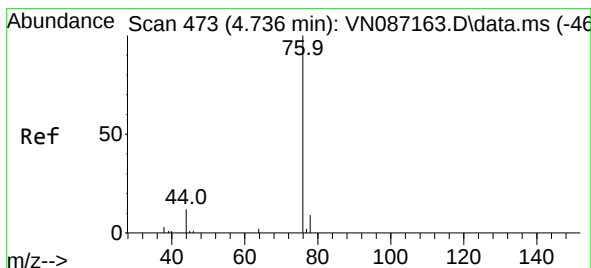
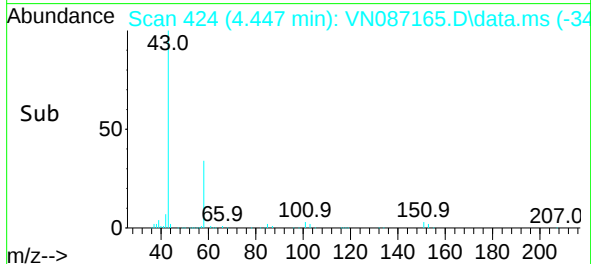
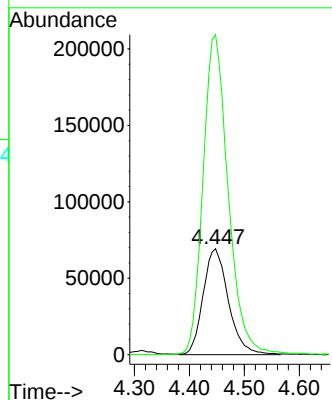


#15
Acetone
Concen: 481.387 ug/l
RT: 4.447 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

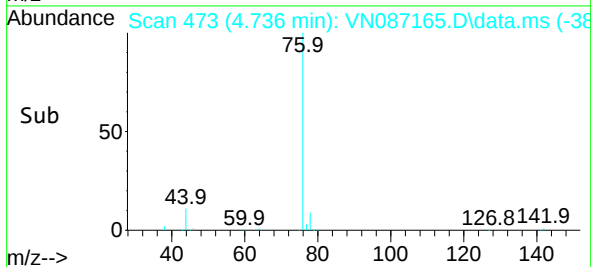
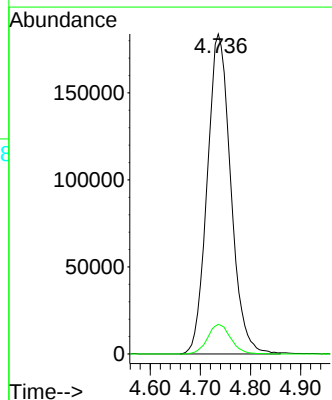
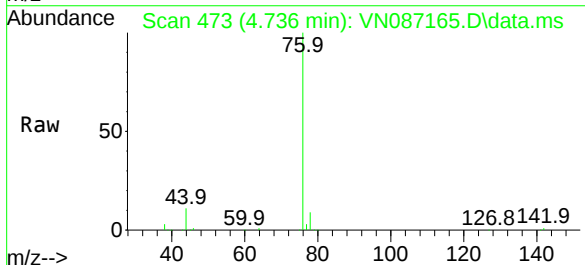


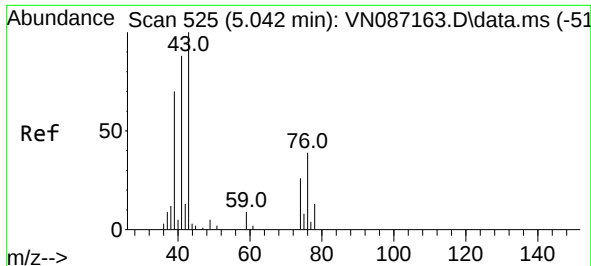
Tgt Ion: 58 Resp: 221668
Ion Ratio Lower Upper
58 100
43 302.4 224.3 336.5



#16
Carbon Disulfide
Concen: 95.070 ug/l
RT: 4.736 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 76 Resp: 599738
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

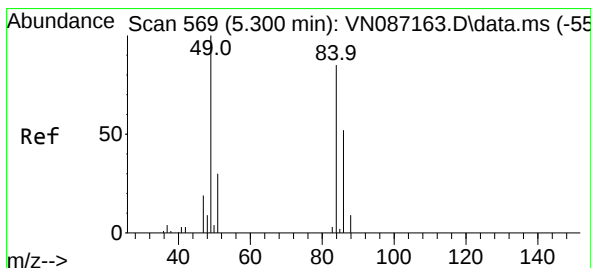
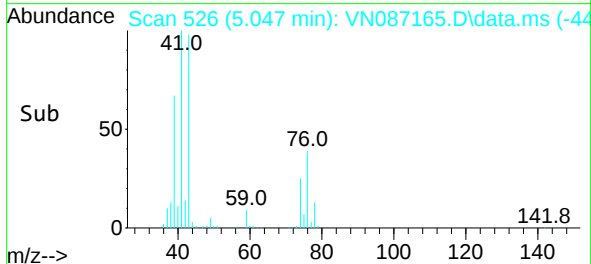
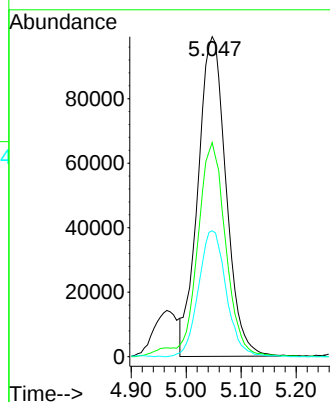
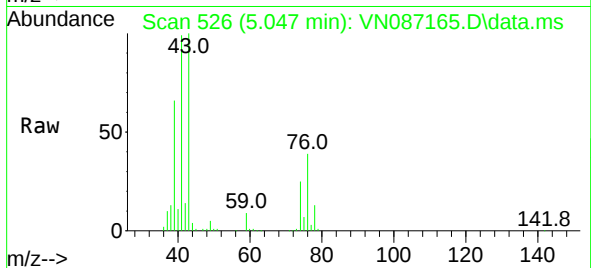




#17
 Allyl chloride
 Concen: 99.048 ug/l
 RT: 5.047 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

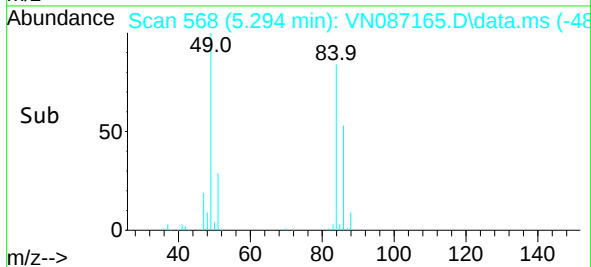
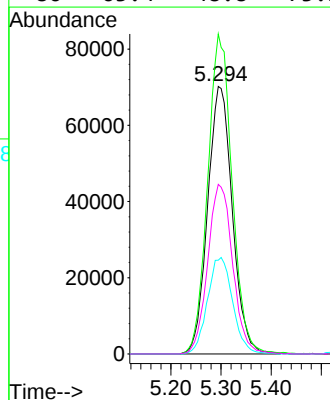
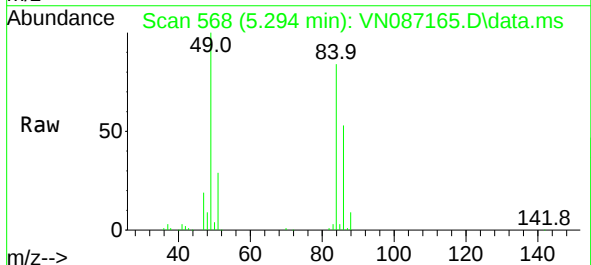
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

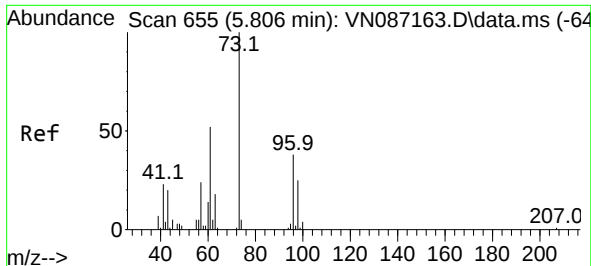
Tgt Ion: 41 Resp: 352481
 Ion Ratio Lower Upper
 41 100
 39 67.0 36.0 108.0
 76 39.3 19.5 58.5



#18
 Methylene Chloride
 Concen: 96.198 ug/l
 RT: 5.294 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

Tgt Ion: 84 Resp: 240448
 Ion Ratio Lower Upper
 84 100
 49 119.6 94.0 141.0
 51 35.1 28.3 42.5
 86 63.4 48.8 73.2





#19

trans-1,2-Dichloroethene

Concen: 96.390 ug/l

RT: 5.806 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

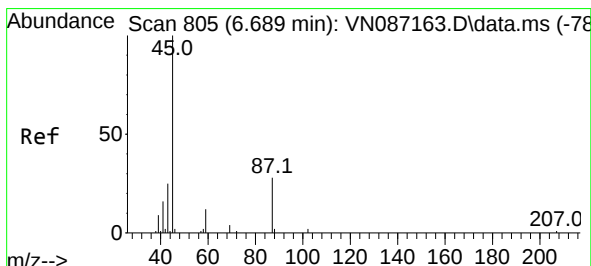
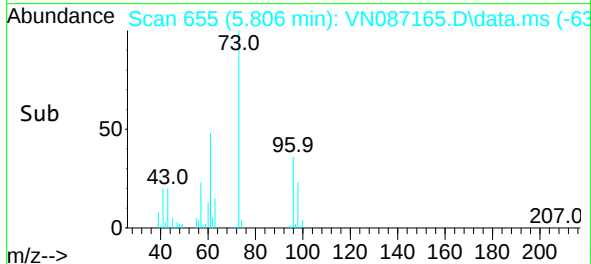
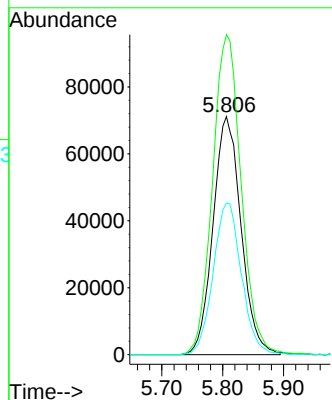
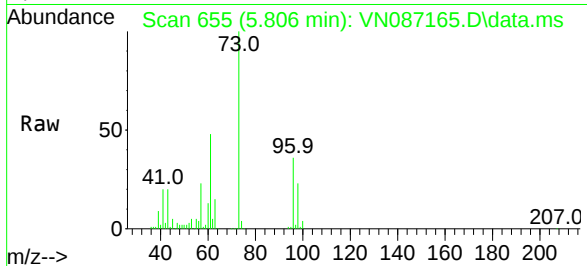
Tgt Ion: 96 Resp: 227436

Ion Ratio Lower Upper

96 100

61 134.4 110.3 165.5

98 63.6 51.6 77.4



#20

Diisopropyl ether

Concen: 99.889 ug/l

RT: 6.688 min Scan# 805

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Tgt Ion: 45 Resp: 754179

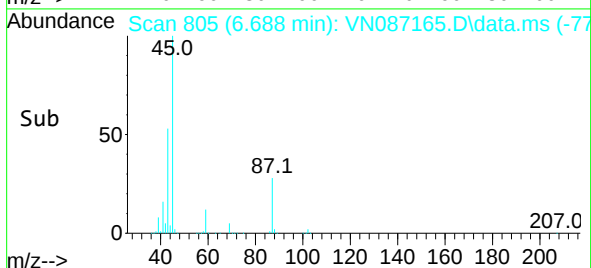
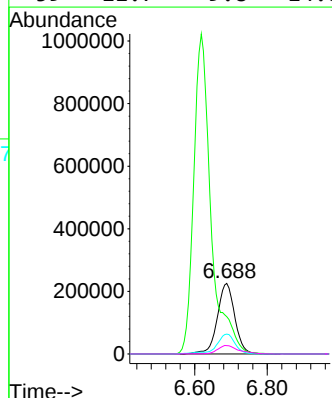
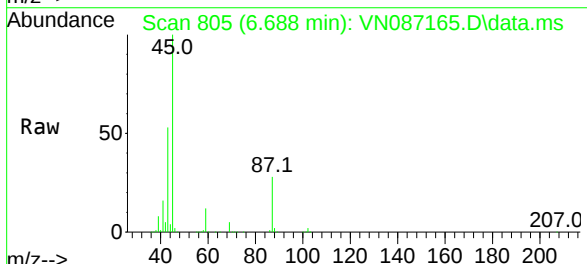
Ion Ratio Lower Upper

45 100

43 52.4 45.3 67.9

87 28.1 22.6 33.8

59 11.7 9.8 14.8

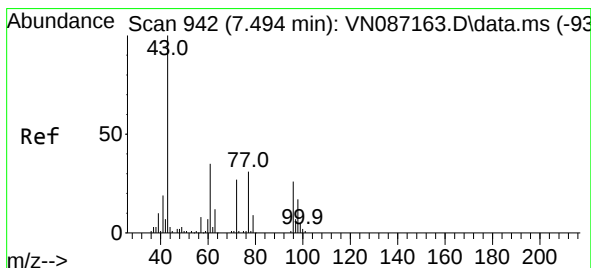
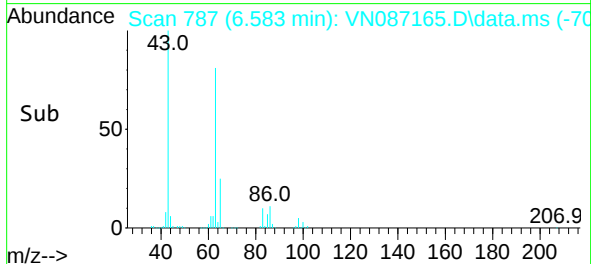
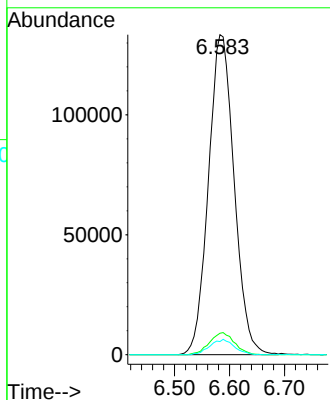
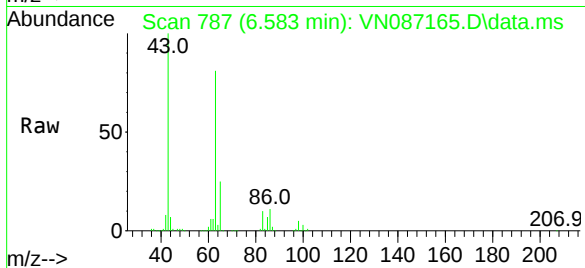




#21
1,1-Dichloroethane
Concen: 96.021 ug/l
RT: 6.583 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

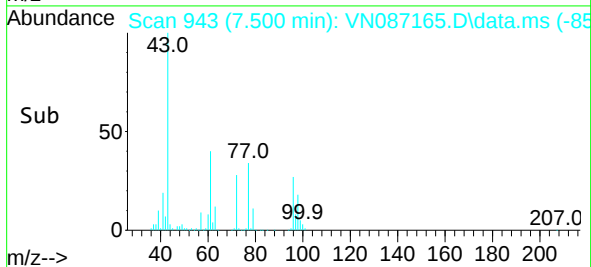
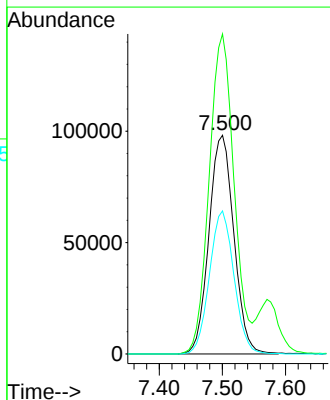
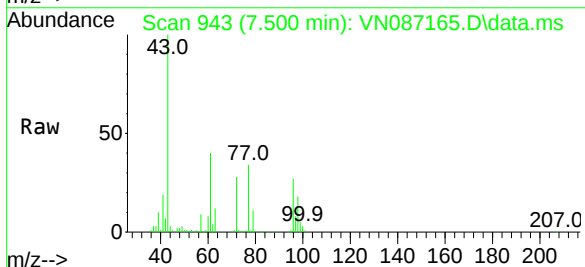
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

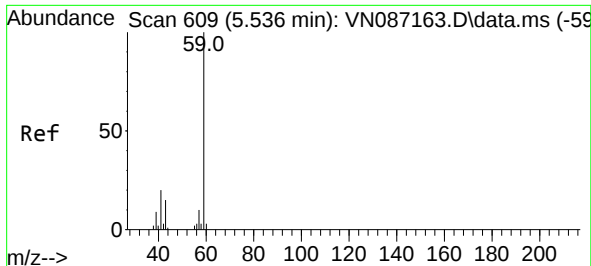
Tgt Ion: 63 Resp: 433300
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.4
100 4.1 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 98.087 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 96 Resp: 269357
Ion Ratio Lower Upper
96 100
61 146.0 119.2 178.8
98 64.2 50.6 75.8

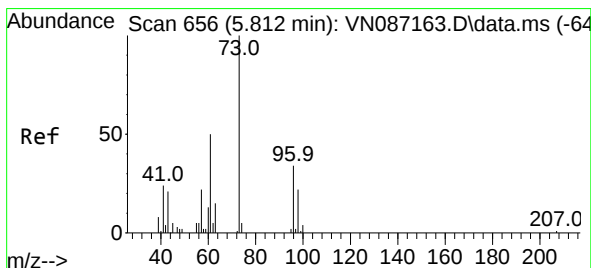
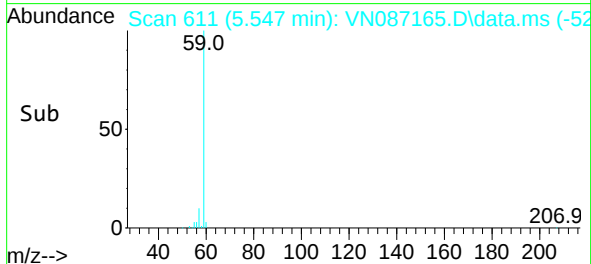
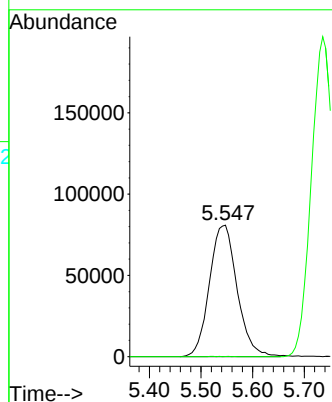
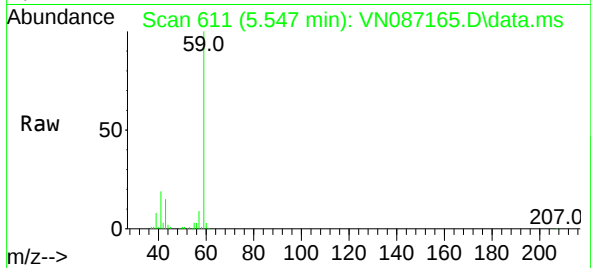




#23
tert-Butyl Alcohol
Concen: 506.103 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

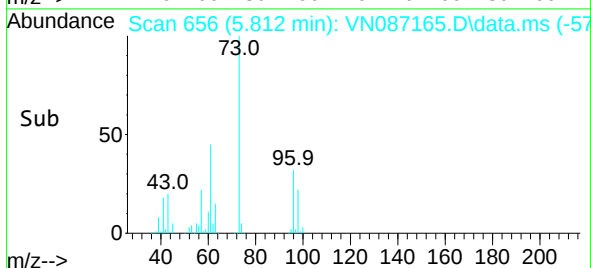
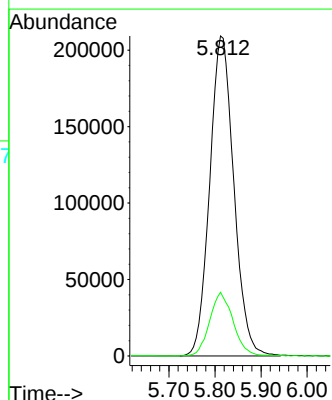
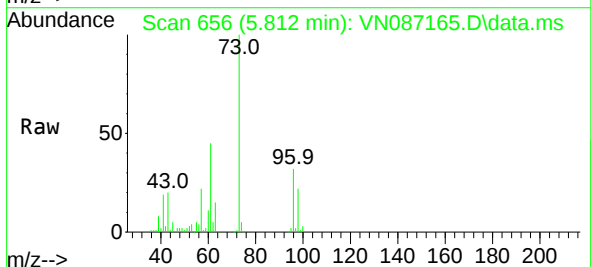
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

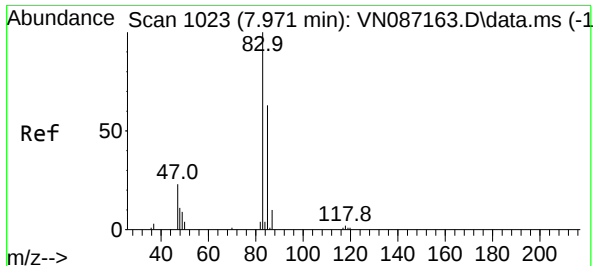
Tgt Ion: 59 Resp: 300461
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 100.543 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 73 Resp: 760825
Ion Ratio Lower Upper
73 100
43 19.3 16.4 24.6





#25

Chloroform

Concen: 97.974 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

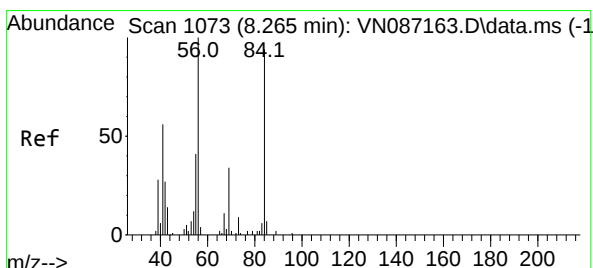
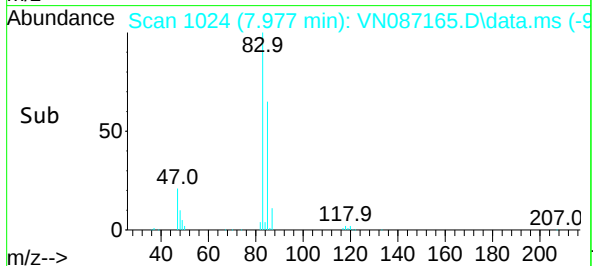
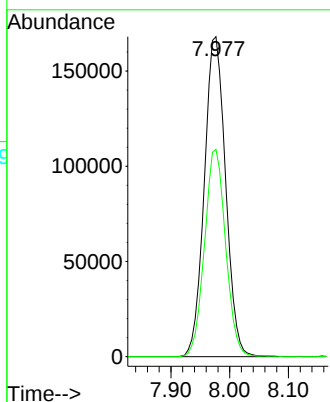
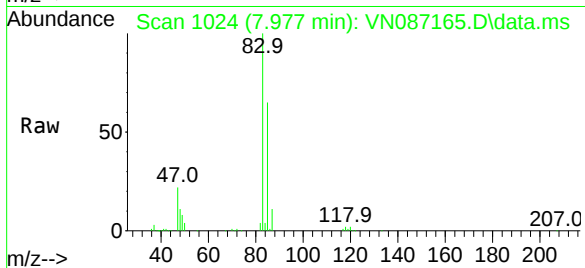
VSTDIC100

Tgt Ion: 83 Resp: 423559

Ion Ratio Lower Upper

83 100

85 64.8 50.7 76.1



#26

Cyclohexane

Concen: 101.539 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

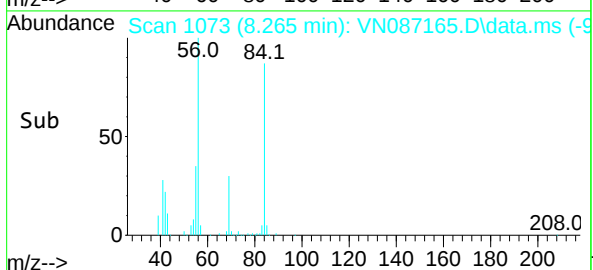
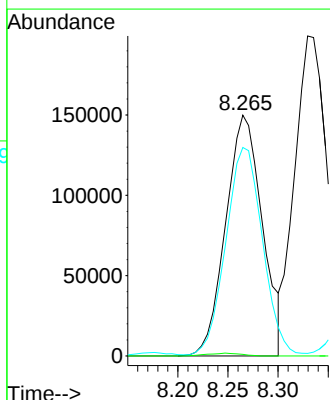
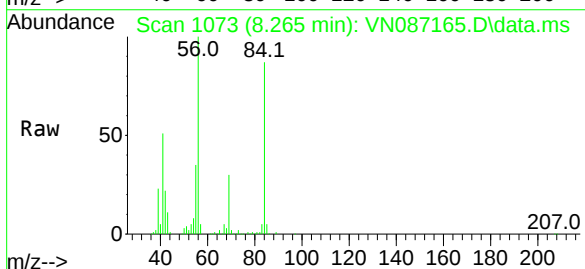
Tgt Ion: 56 Resp: 380867

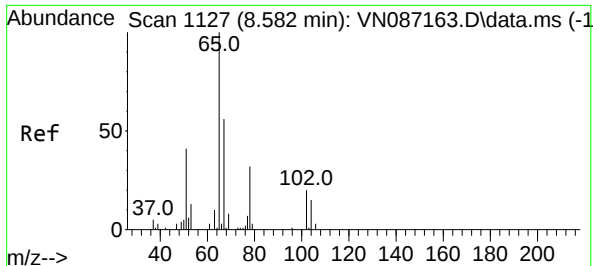
Ion Ratio Lower Upper

56 100

89 1.1 6.9 10.3#

84 87.3 69.1 103.7

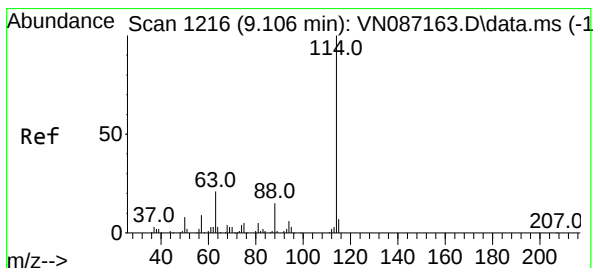
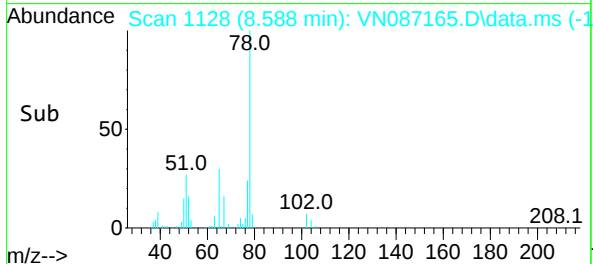
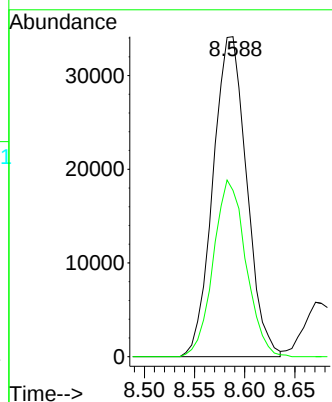
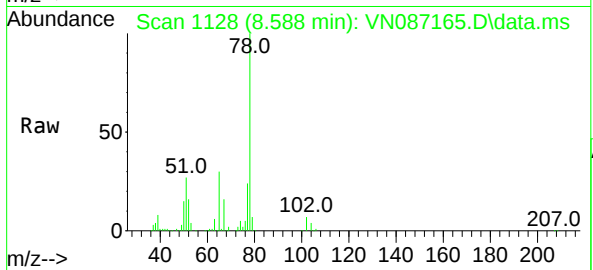




#27
 1,2-Dichloroethane-d4
 Concen: 29.682 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

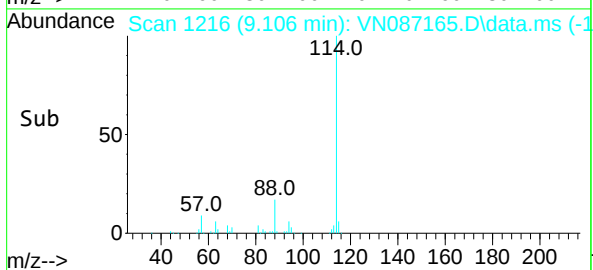
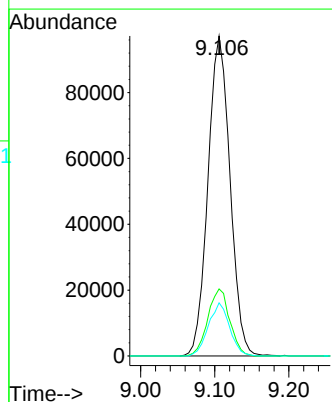
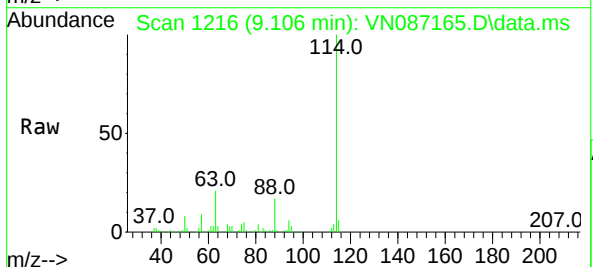
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

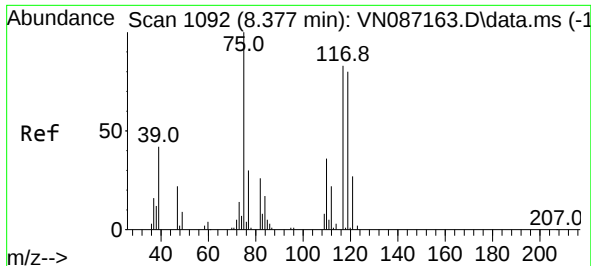
Tgt Ion: 65 Resp: 79655
 Ion Ratio Lower Upper
 65 100
 67 53.5 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

Tgt Ion: 114 Resp: 201156
 Ion Ratio Lower Upper
 114 100
 63 20.8 17.0 25.4
 88 15.9 12.6 19.0

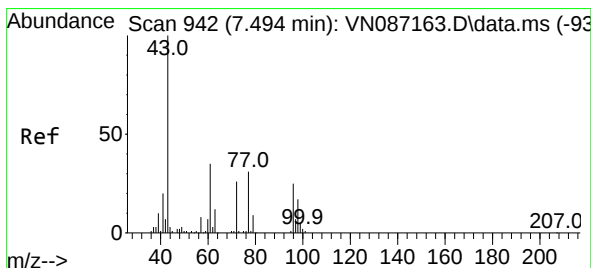
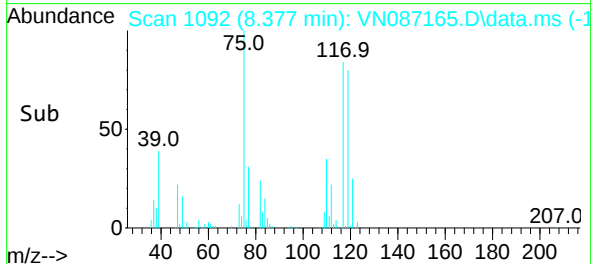
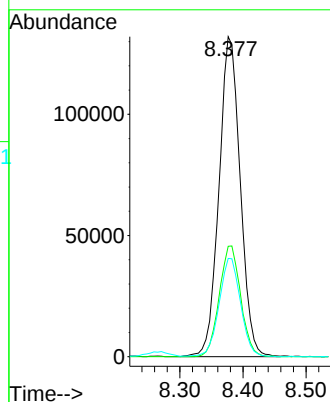
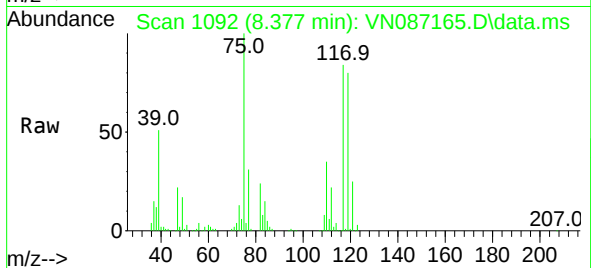




#29
1,1-Dichloropropene
Concen: 98.530 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

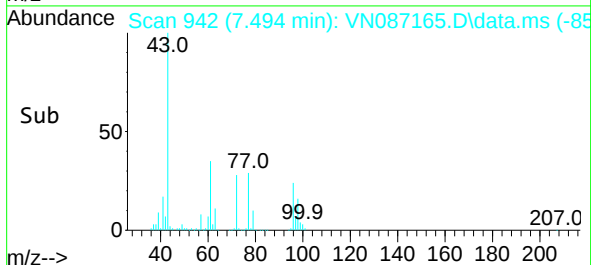
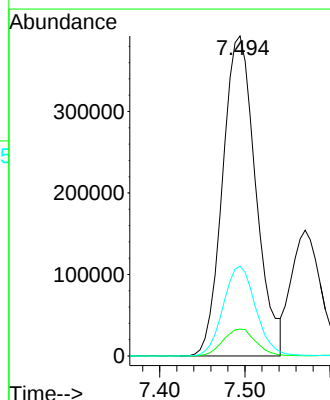
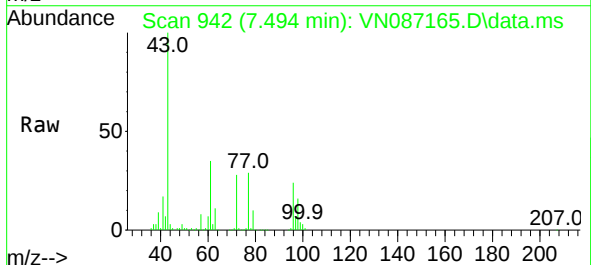
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 308919
Ion Ratio Lower Upper
75 100
110 34.8 0.0 69.2
77 31.1 0.0 61.8



#30
2-Butanone
Concen: 501.372 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 43 Resp: 1060369
Ion Ratio Lower Upper
43 100
57 8.4 6.3 9.5
72 27.6 21.8 32.6





#31

2,2-Dichloropropane

Concen: 95.270 ug/l

RT: 7.500 min Scan# 943

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

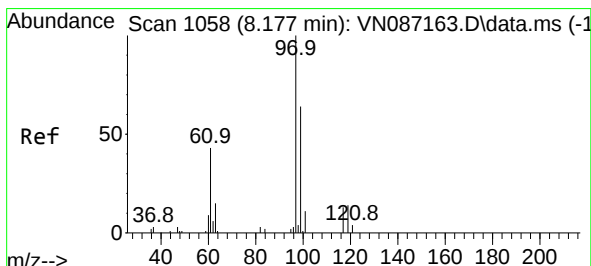
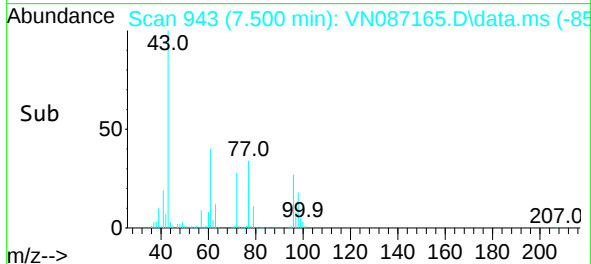
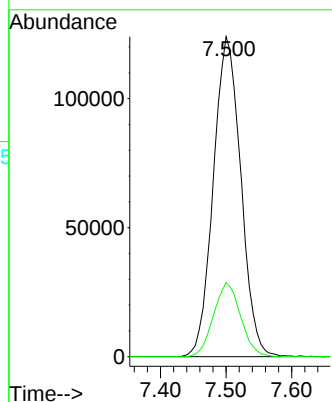
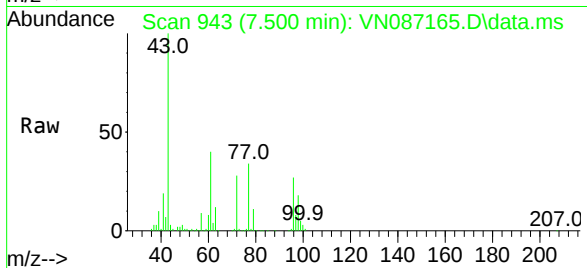
VSTDIC100

Tgt Ion: 77 Resp: 360566

Ion Ratio Lower Upper

77 100

97 22.7 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 95.990 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

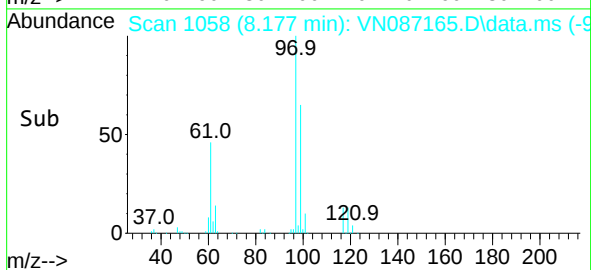
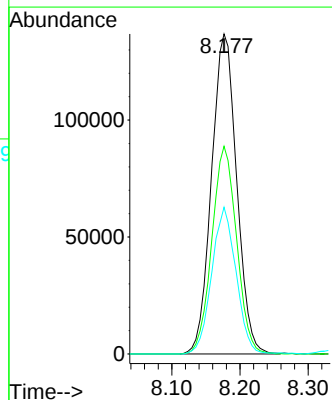
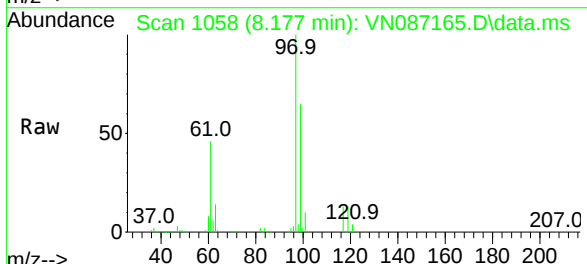
Tgt Ion: 97 Resp: 351600

Ion Ratio Lower Upper

97 100

99 63.7 50.8 76.2

61 44.3 36.1 54.1

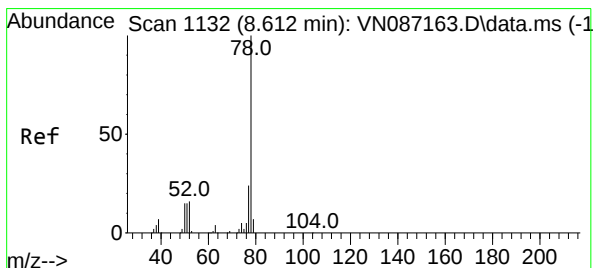
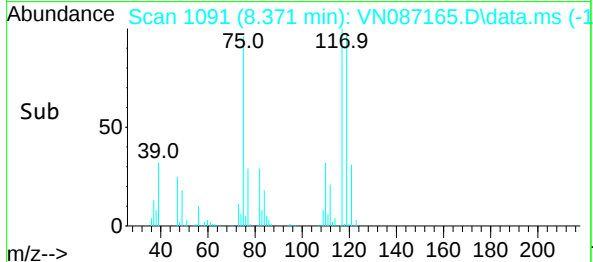
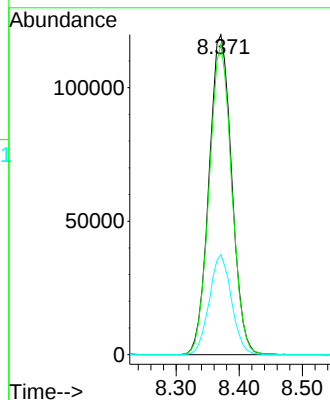
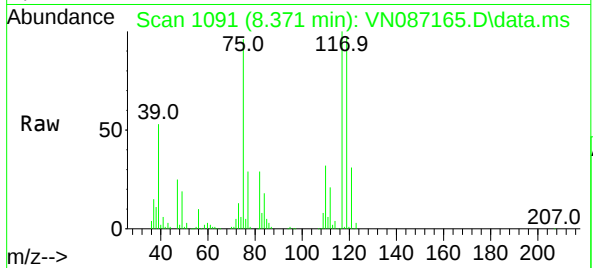




#33
Carbon Tetrachloride
Concen: 97.326 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

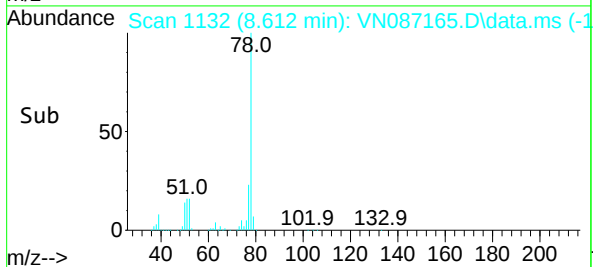
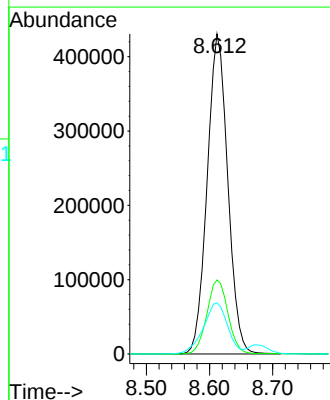
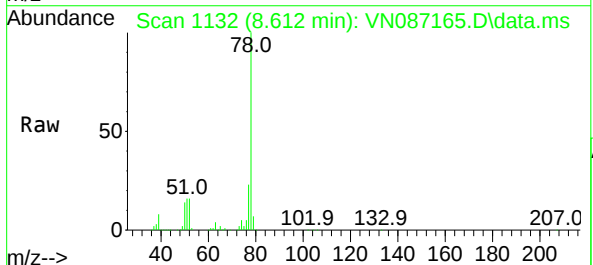
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 300004
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.6
121 31.3 26.2 39.4



#34
Benzene
Concen: 98.140 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 78 Resp: 974806
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3
51 15.7 14.8 22.2



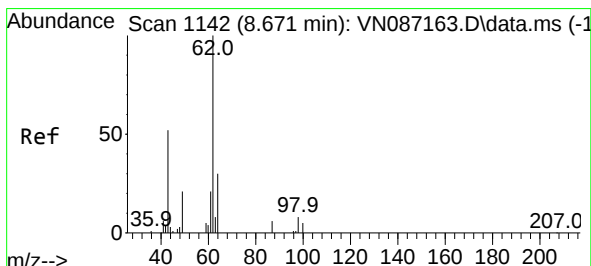
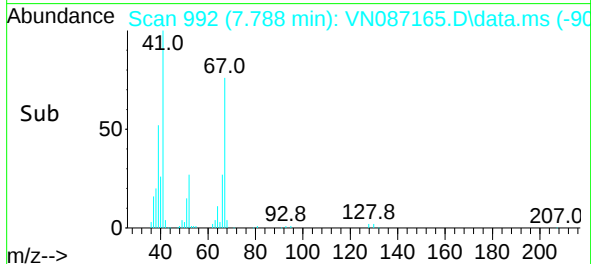
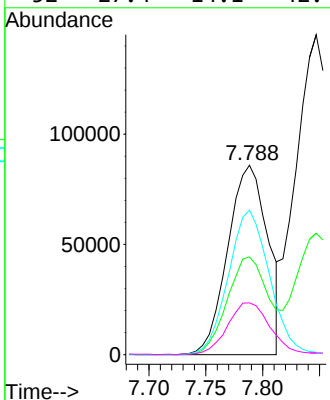
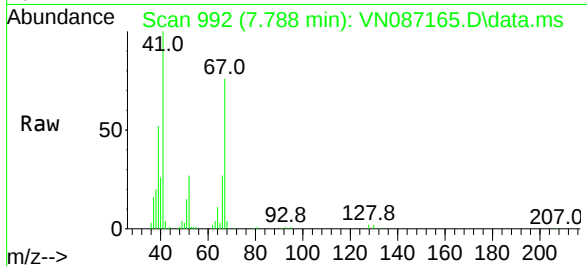


#35
Methacrylonitrile
Concen: 98.873 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 210741

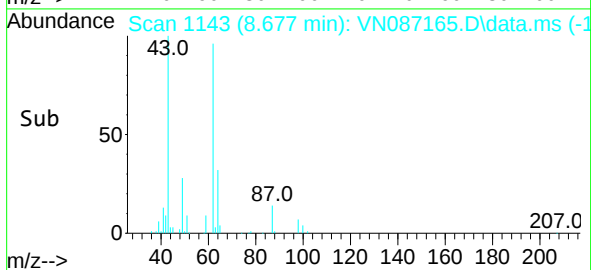
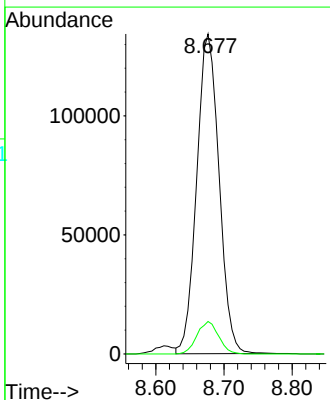
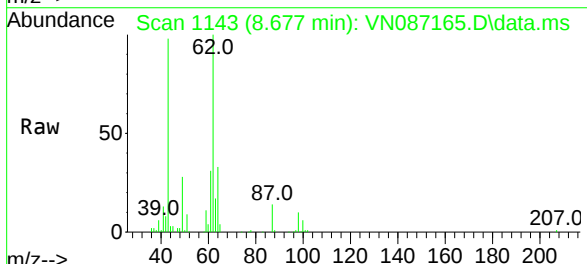
Ion	Ratio	Lower	Upper
41	100		
39	51.6	24.4	73.2
67	76.4	33.3	99.8
52	27.4	14.1	42.4

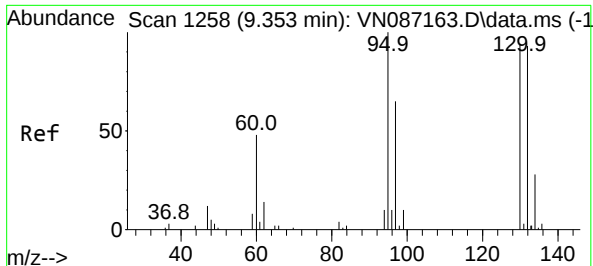


#36
1,2-Dichloroethane
Concen: 95.441 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 62 Resp: 306293

Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.2	10.8

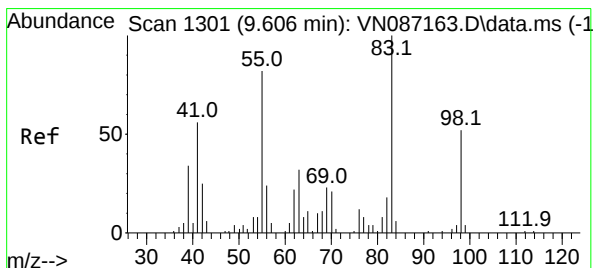
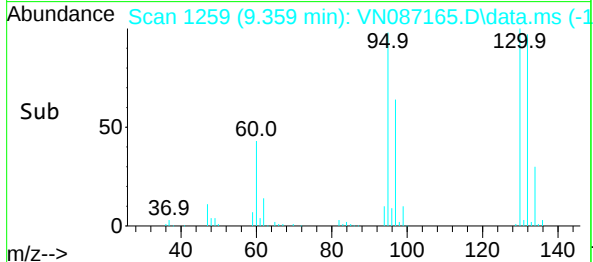
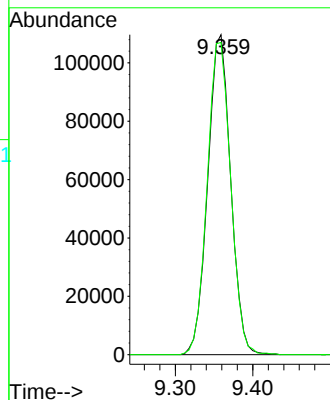
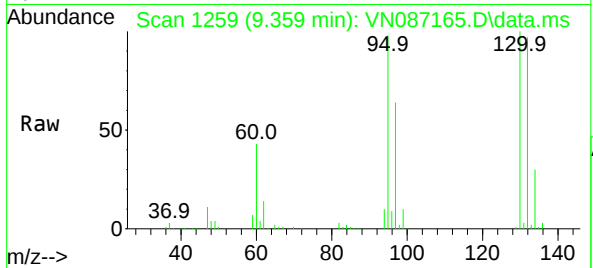




#37
Trichloroethene
Concen: 98.424 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

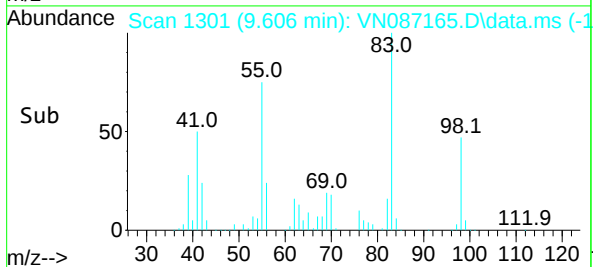
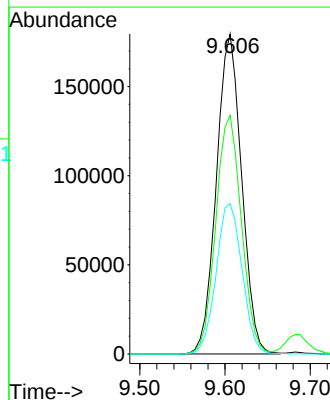
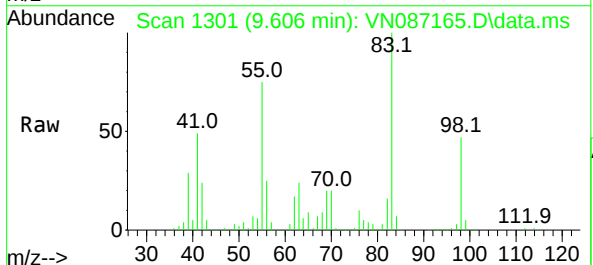
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

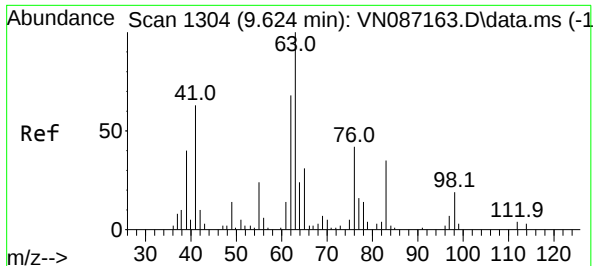
Tgt Ion:130 Resp: 225493
Ion Ratio Lower Upper
130 100
95 97.6 85.3 127.9



#38
Methylcyclohexane
Concen: 102.718 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 83 Resp: 369519
Ion Ratio Lower Upper
83 100
55 75.6 40.1 120.2
98 48.3 24.4 73.2





#39

1,2-Dichloropropane

Concen: 97.509 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

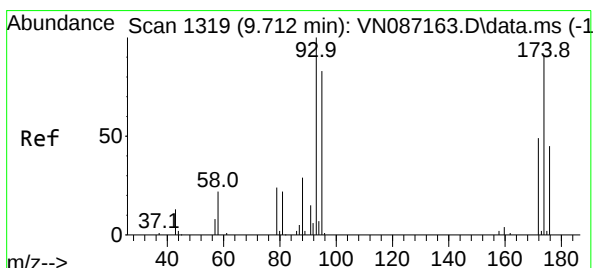
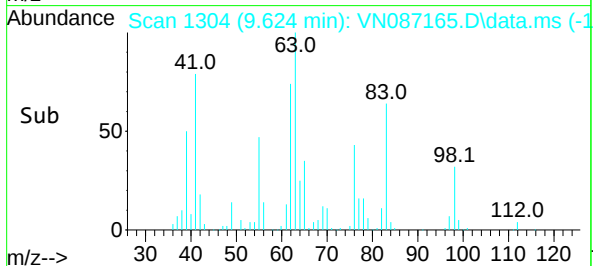
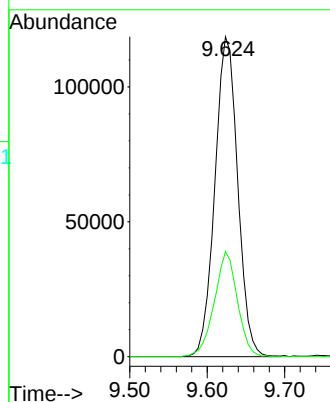
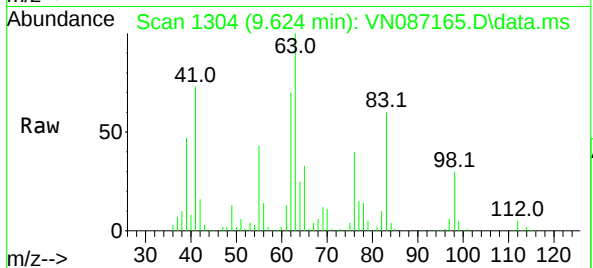
VSTDICC100

Tgt Ion: 63 Resp: 243095

Ion Ratio Lower Upper

63 100

65 32.9 24.6 36.8



#40

Dibromomethane

Concen: 97.526 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

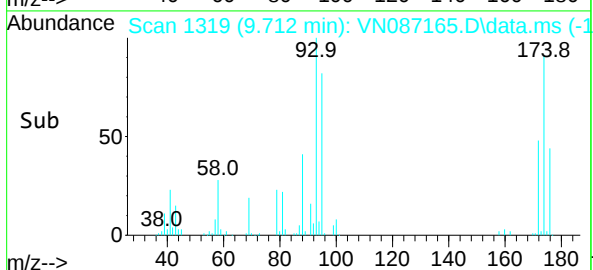
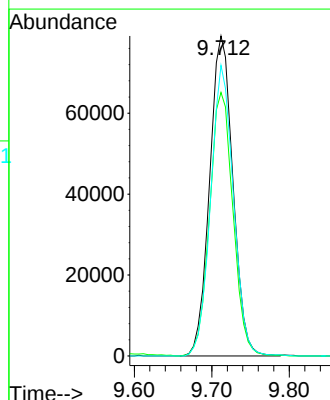
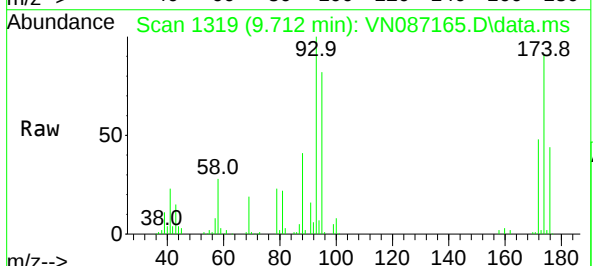
Tgt Ion: 93 Resp: 165326

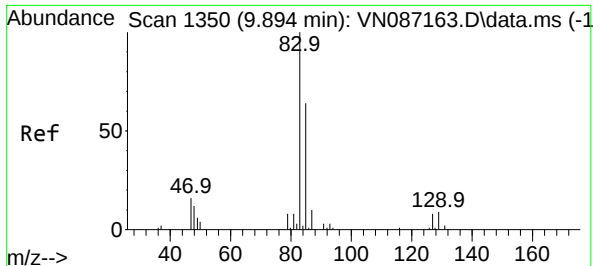
Ion Ratio Lower Upper

93 100

95 82.6 0.0 170.8

174 88.6 0.0 176.6

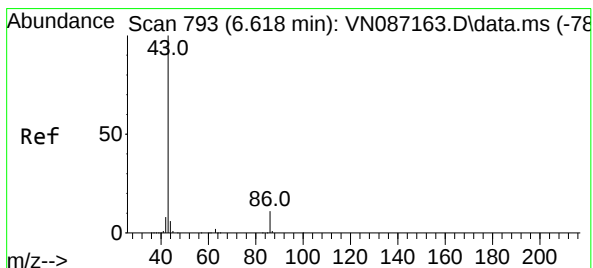
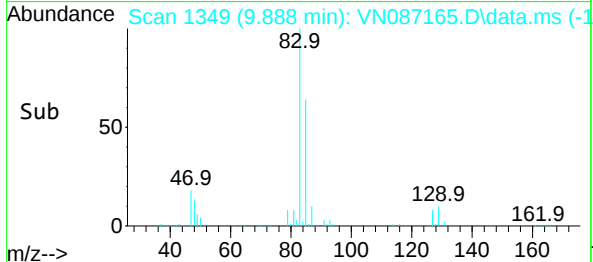
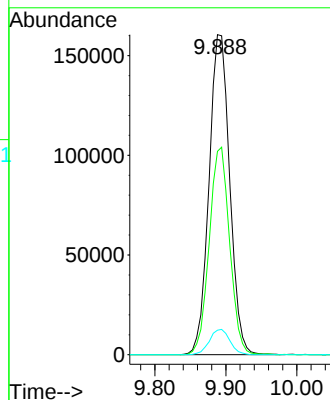
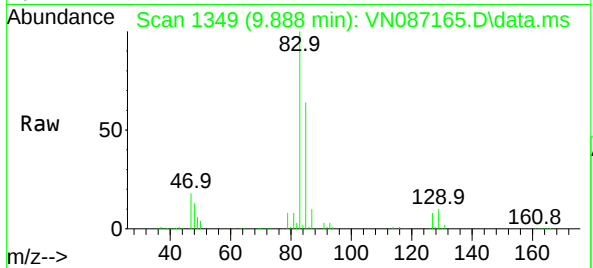




#41
Bromodichloromethane
Concen: 94.970 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

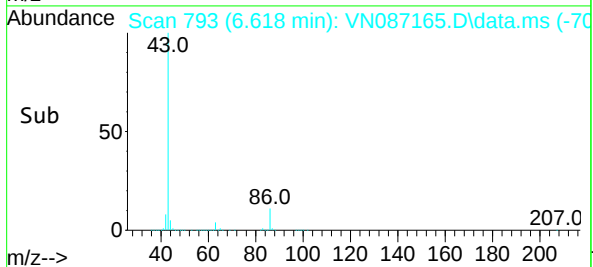
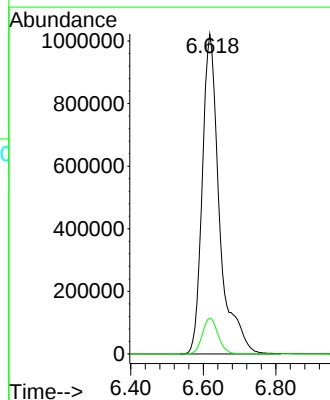
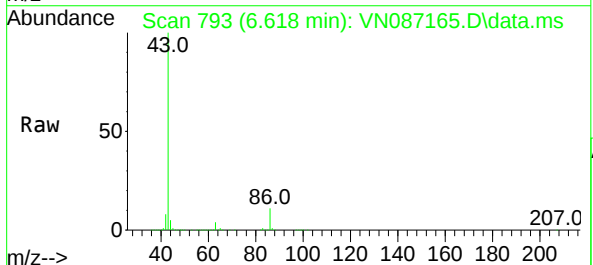
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 324962
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 7.6 6.1 9.1



#42
Vinyl Acetate
Concen: 490.068 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 43 Resp: 3371109
Ion Ratio Lower Upper
43 100
86 10.3 7.7 11.5

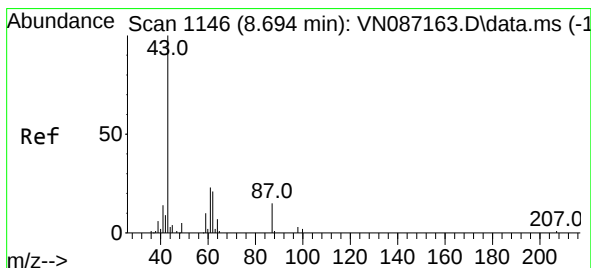
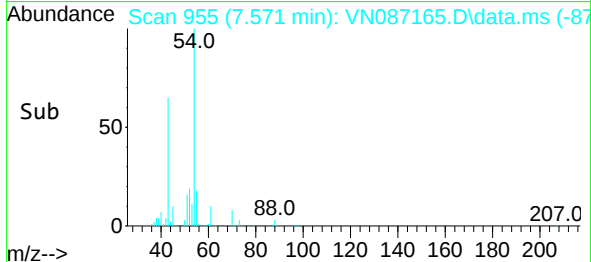
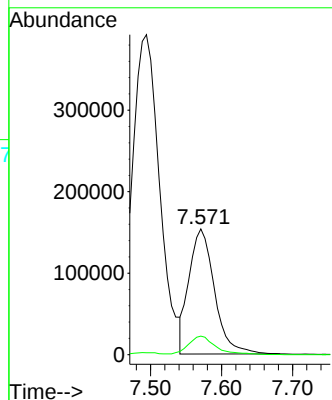
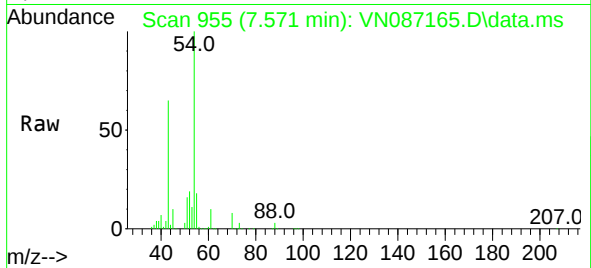




#43
Ethyl Acetate
Concen: 100.150 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

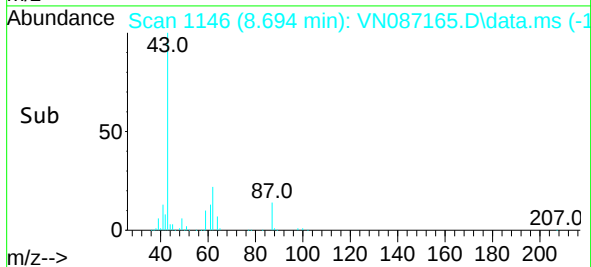
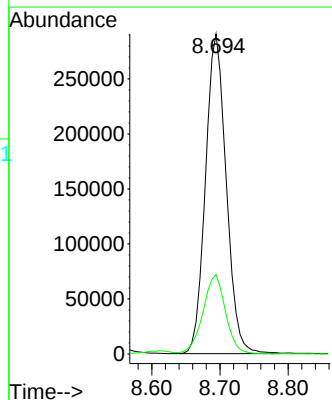
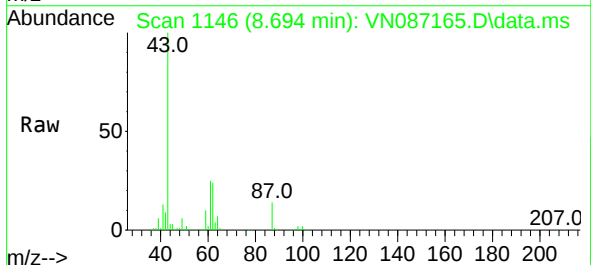
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

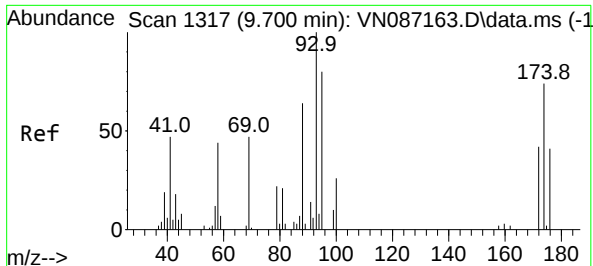
Tgt Ion: 43 Resp: 382364
Ion Ratio Lower Upper
43 100
45 15.7 11.5 17.3



#44
Isopropyl Acetate
Concen: 99.004 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 43 Resp: 615849
Ion Ratio Lower Upper
43 100
61 27.1 20.5 30.7





#45

1,4-Dioxane

Concen: 2092.758 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

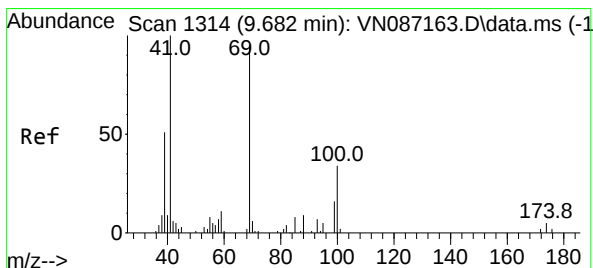
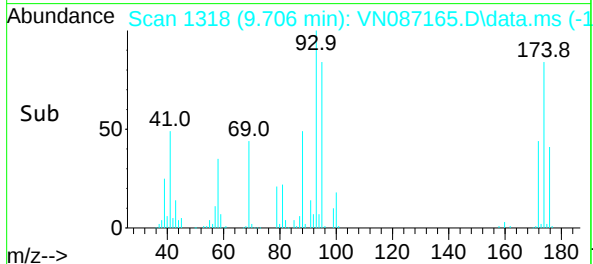
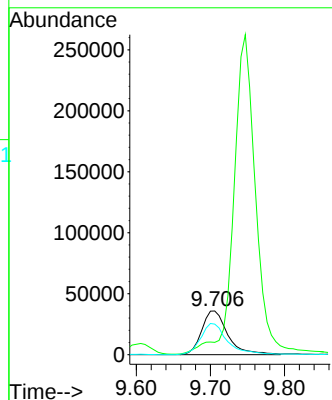
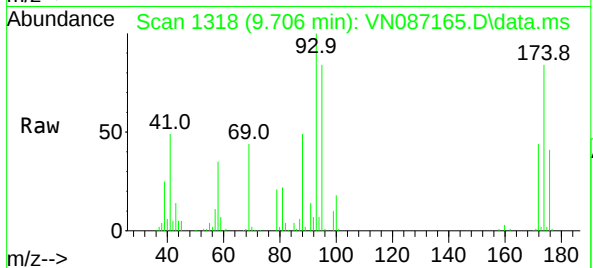
Tgt Ion: 88 Resp: 88061

Ion Ratio Lower Upper

88 100

43 20.7 21.3 31.9#

58 73.1 61.7 92.5



#46

Methyl methacrylate

Concen: 100.167 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

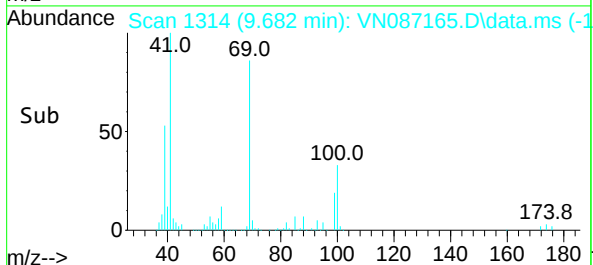
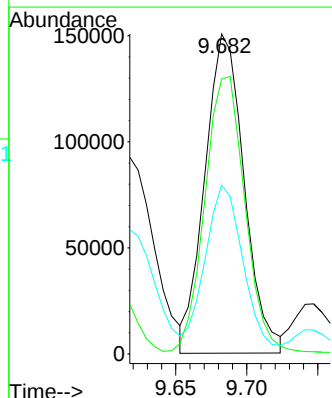
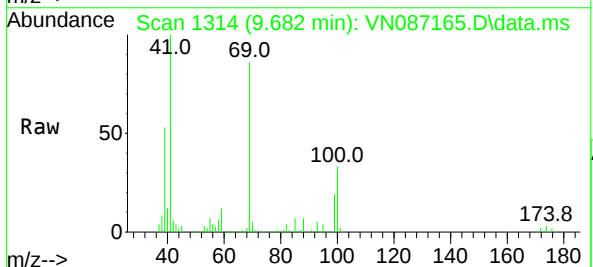
Tgt Ion: 41 Resp: 289659

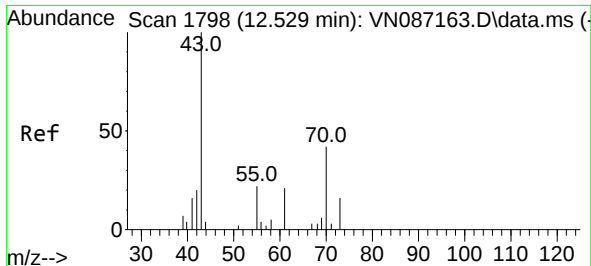
Ion Ratio Lower Upper

41 100

69 88.3 45.6 136.9

39 53.0 26.2 78.5

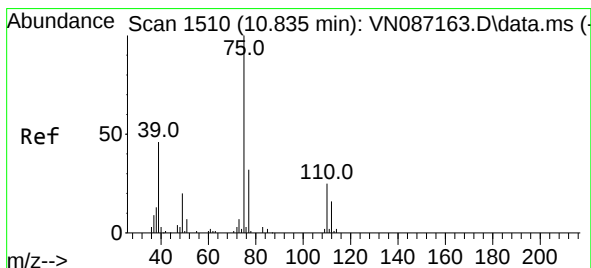
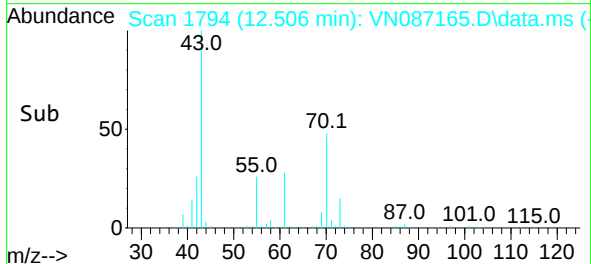
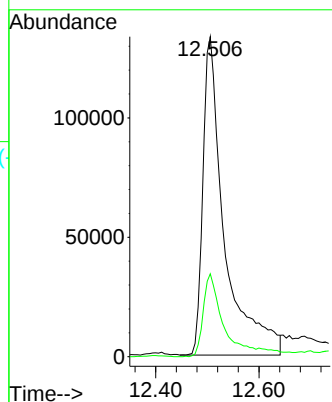
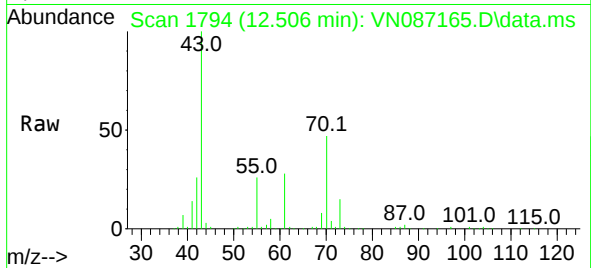




#47
n-amy1 Acetate
Concen: 101.565 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.024 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

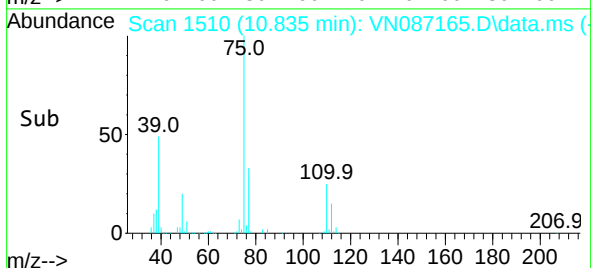
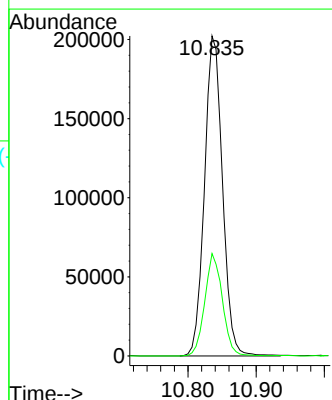
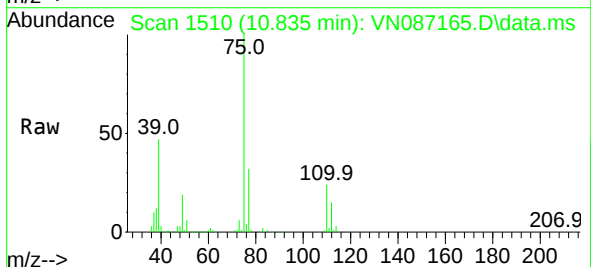
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

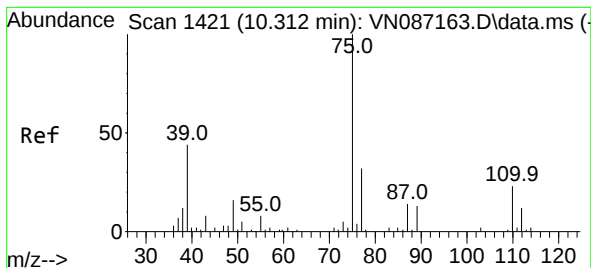
Tgt Ion: 43 Resp: 386267
Ion Ratio Lower Upper
43 100
55 23.5 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 97.458 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 75 Resp: 371754
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

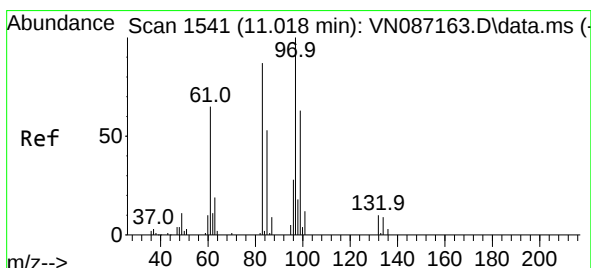
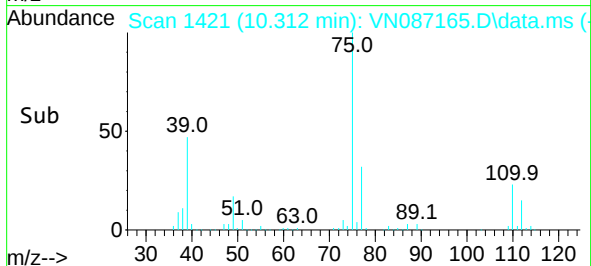
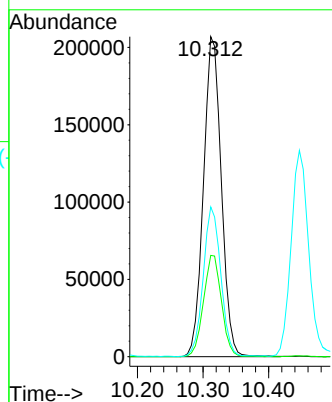
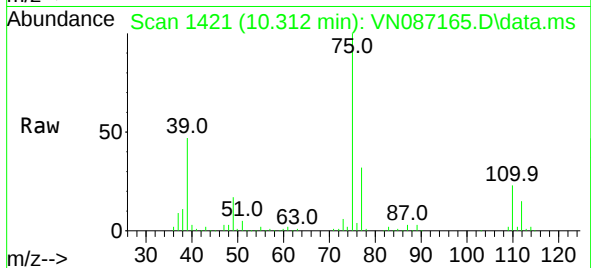




#49
 cis-1,3-Dichloropropene
 Concen: 96.696 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

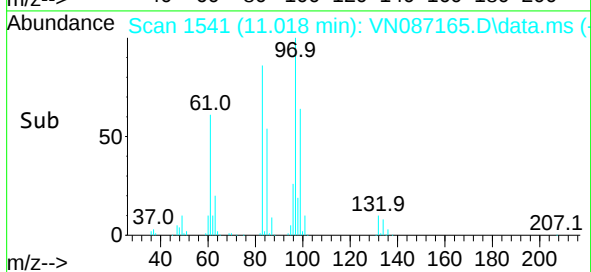
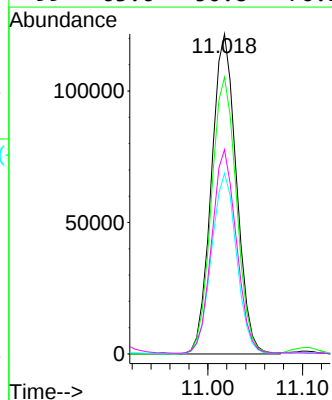
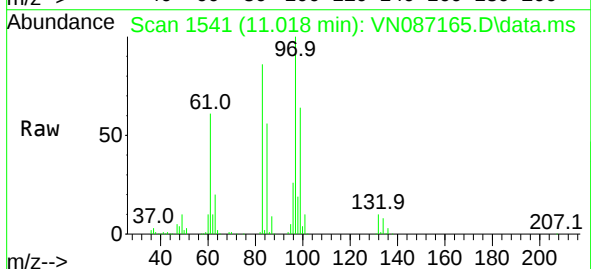
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

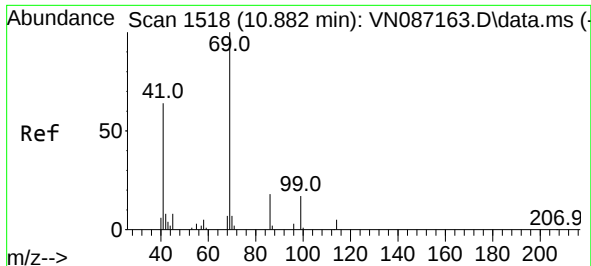
Tgt Ion: 75 Resp: 392118
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 46.7 35.3 52.9



#50
 1,1,2-Trichloroethane
 Concen: 92.575 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

Tgt Ion: 97 Resp: 222928
 Ion Ratio Lower Upper
 97 100
 83 86.5 69.6 104.4
 85 56.3 42.0 63.0
 99 63.6 50.8 76.2

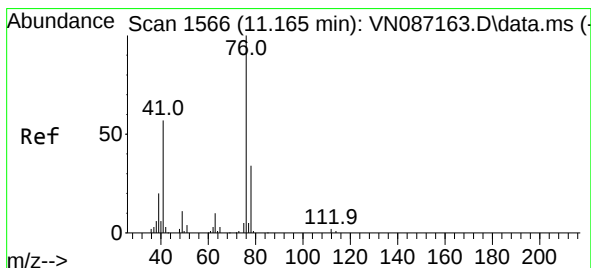
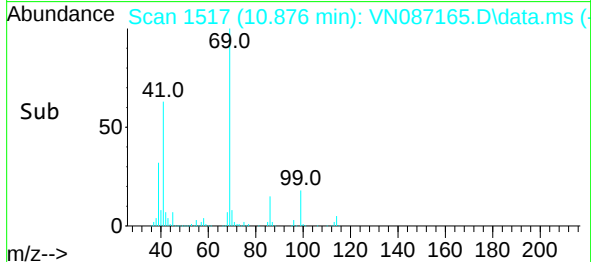
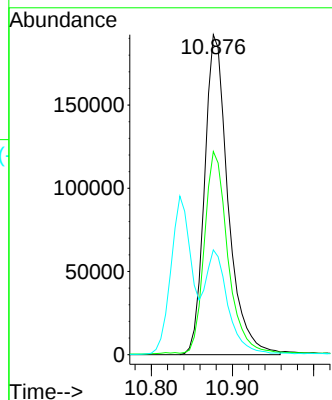
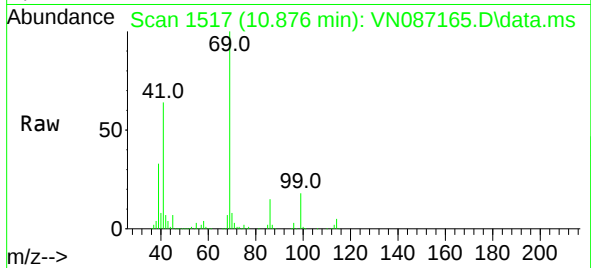




#51
Ethyl methacrylate
Concen: 105.692 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

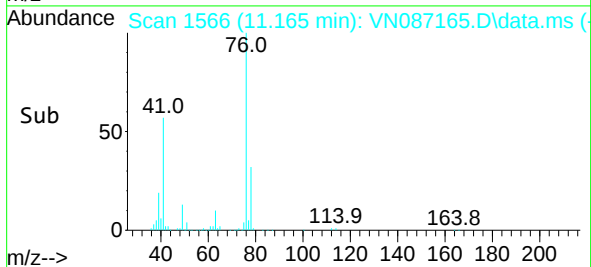
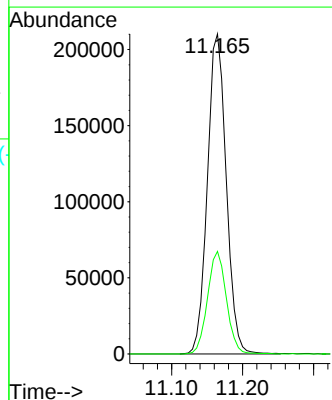
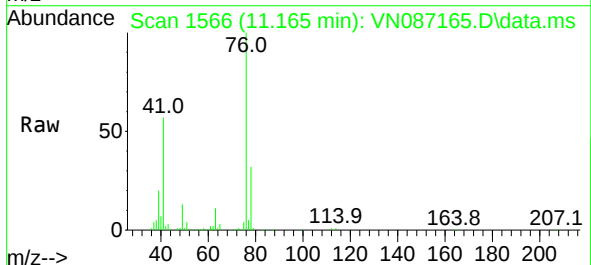
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

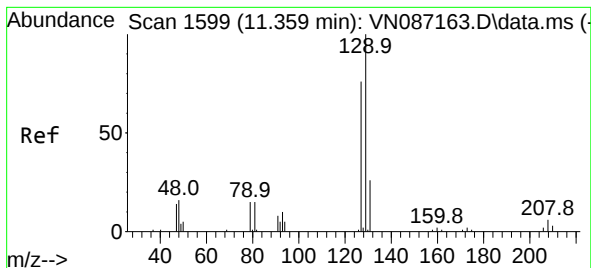
Tgt Ion: 69 Resp: 387380
Ion Ratio Lower Upper
69 100
41 63.1 31.8 95.3
39 32.2 15.3 45.8



#52
1,3-Dichloropropane
Concen: 93.884 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 76 Resp: 388131
Ion Ratio Lower Upper
76 100
78 32.0 0.0 63.0

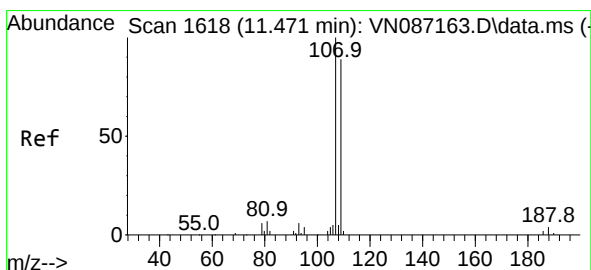
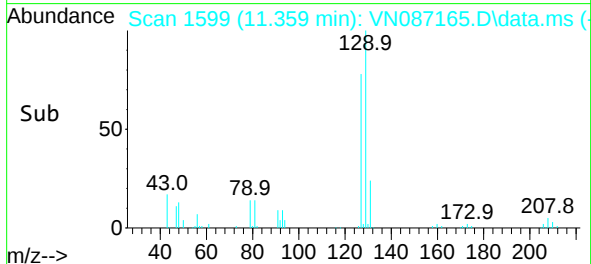
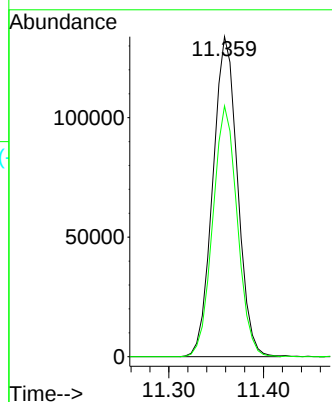
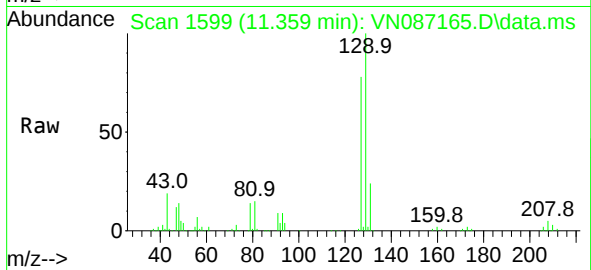




#53
Dibromochloromethane
Concen: 96.250 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

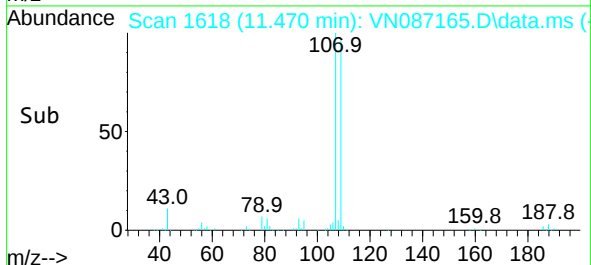
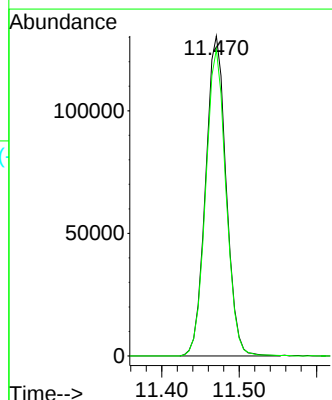
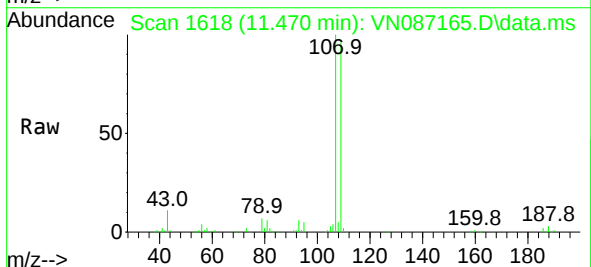
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

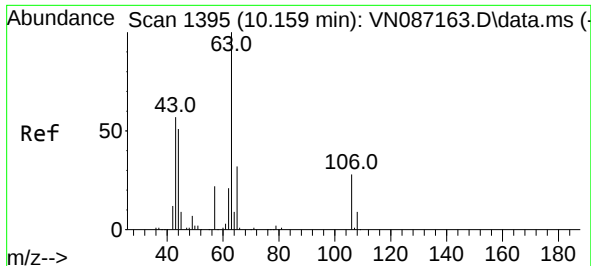
Tgt Ion:129 Resp: 243297
Ion Ratio Lower Upper
129 100
127 77.4 39.6 118.8



#54
1,2-Dibromoethane
Concen: 96.511 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:107 Resp: 239775
Ion Ratio Lower Upper
107 100
109 95.0 73.5 110.3

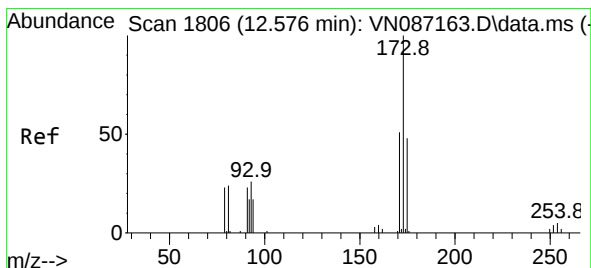
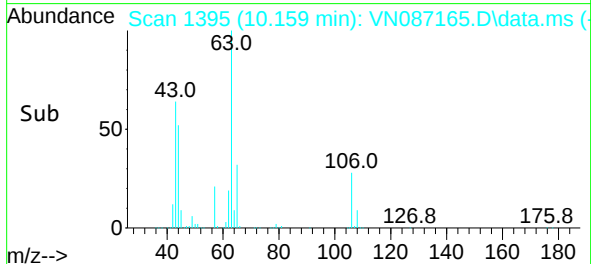
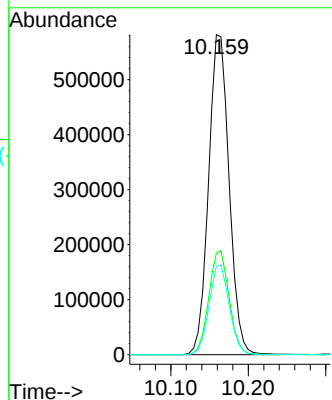
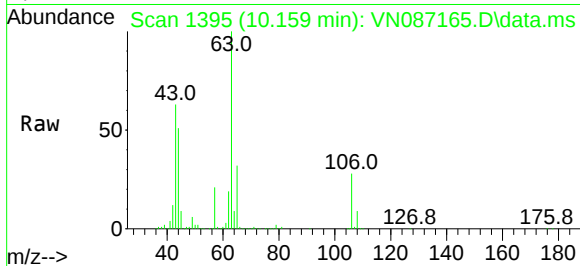




#55
2-Chloroethyl vinyl ether
Concen: 509.107 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

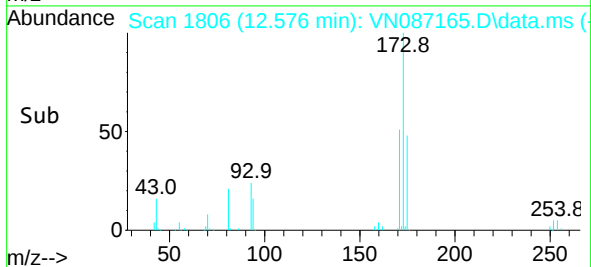
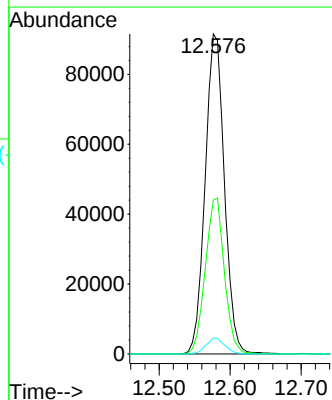
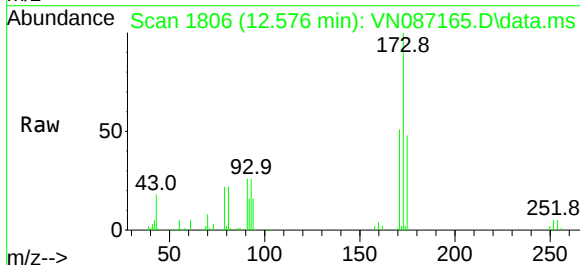
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

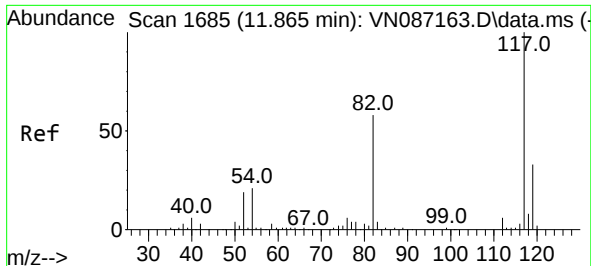
Tgt Ion: 63 Resp: 1069566
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 27.7 21.9 32.9



#56
Bromoform
Concen: 99.458 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:173 Resp: 172827
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 4.9 4.2 6.4

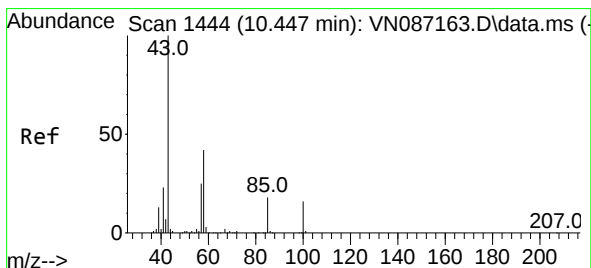
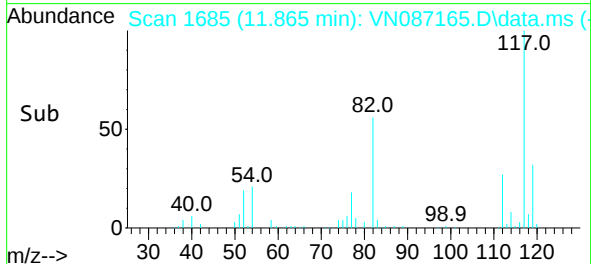
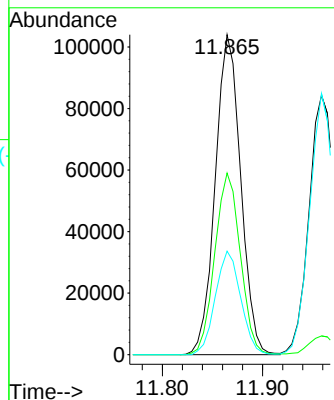
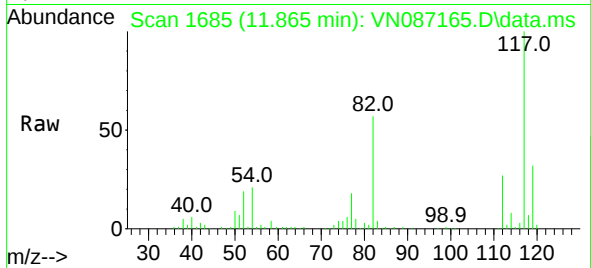




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

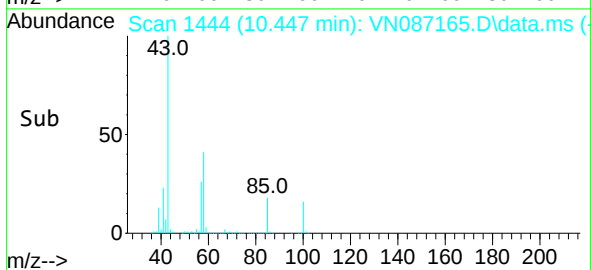
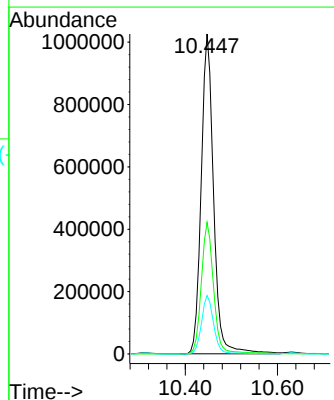
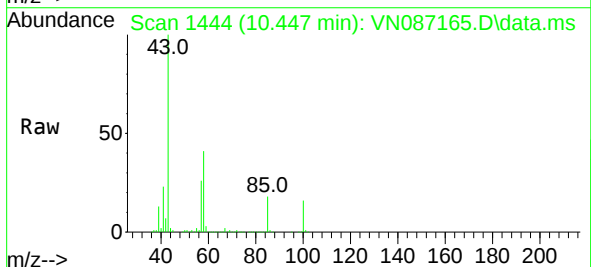
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

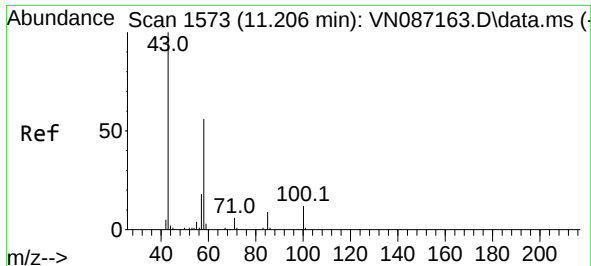
Tgt Ion:117 Resp: 183622
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.2 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 522.050 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 43 Resp: 1927138
Ion Ratio Lower Upper
43 100
58 40.7 32.6 49.0
85 18.0 14.6 22.0

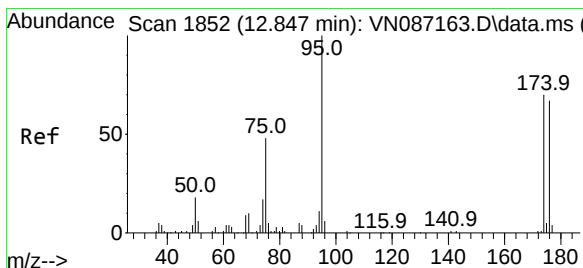
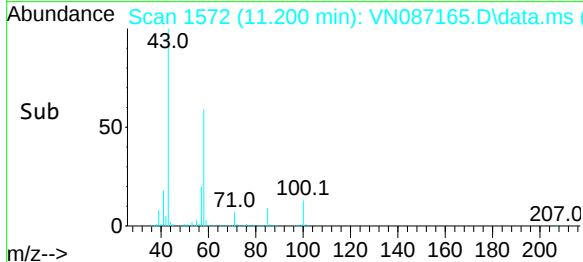
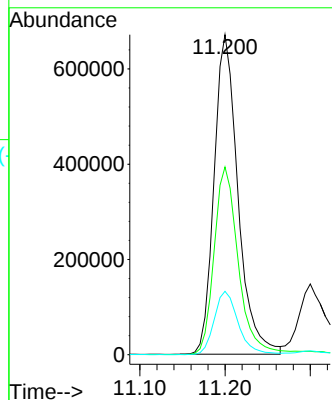
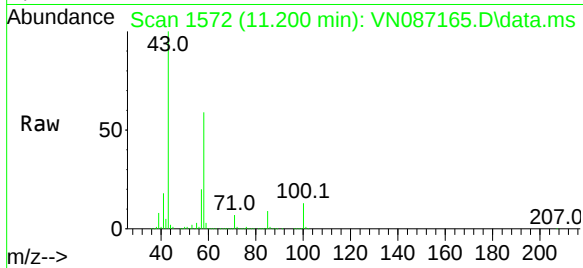




#59
2-Hexanone
Concen: 549.538 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

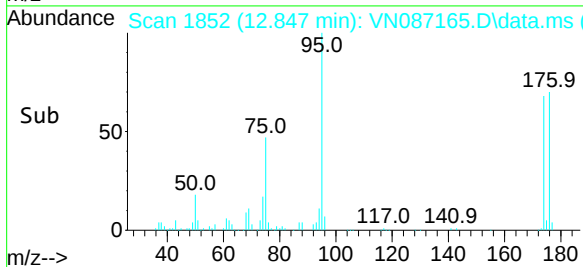
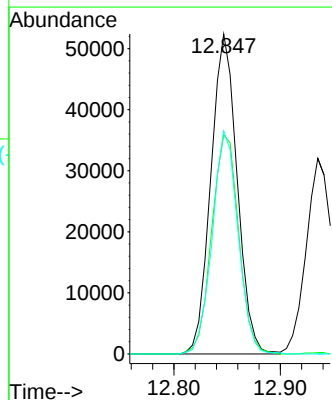
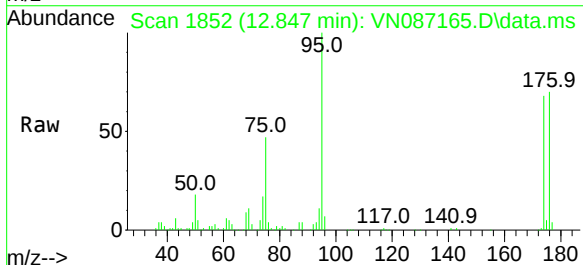
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

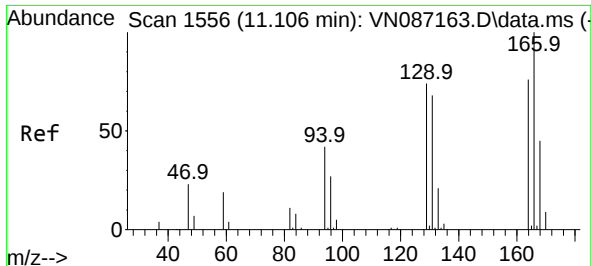
Tgt Ion: 43 Resp: 1309927
Ion Ratio Lower Upper
43 100
58 59.9 49.2 73.8
57 19.9 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 31.696 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 95 Resp: 89811
Ion Ratio Lower Upper
95 100
174 70.2 54.5 81.7
176 68.4 51.9 77.9

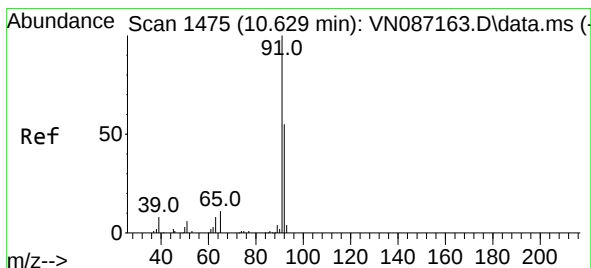
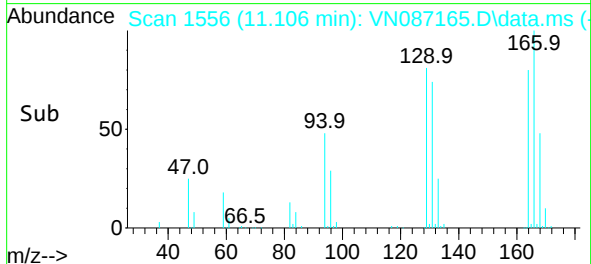
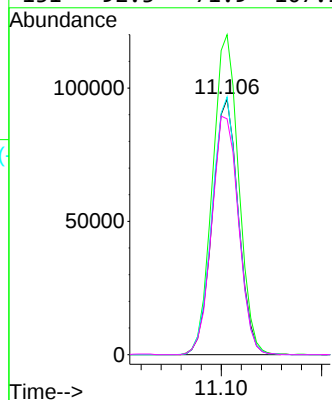
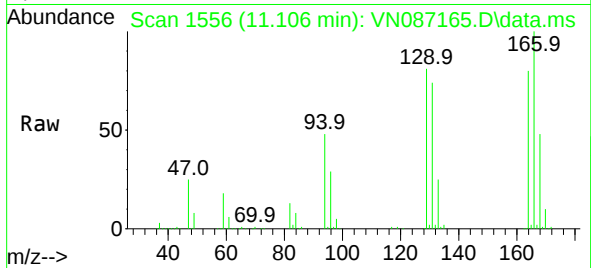




#61
Tetrachloroethene
Concen: 94.700 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

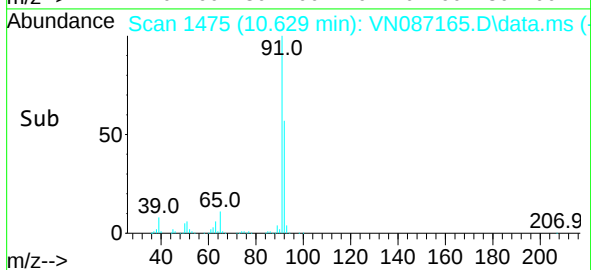
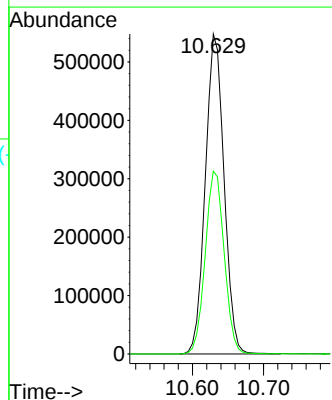
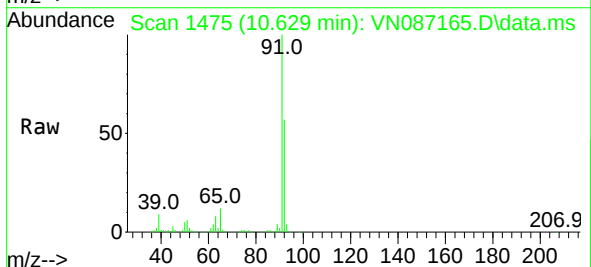
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

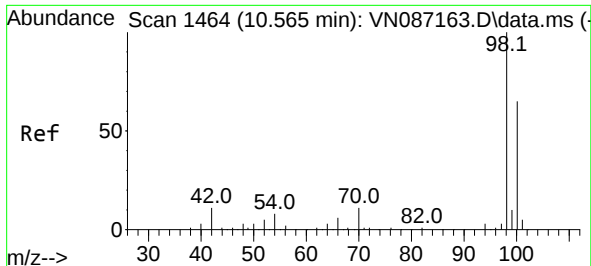
Tgt Ion:164 Resp: 172205
Ion Ratio Lower Upper
164 100
166 125.2 105.4 158.2
129 100.7 77.9 116.9
131 92.3 71.9 107.9



#62
Toluene
Concen: 96.942 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 91 Resp: 1005355
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.8

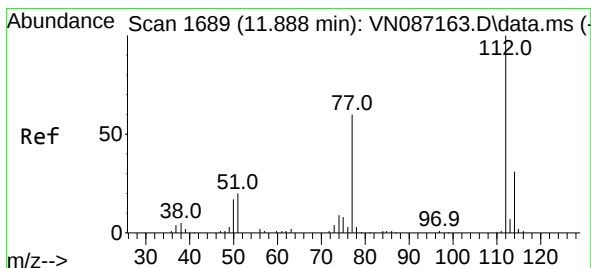
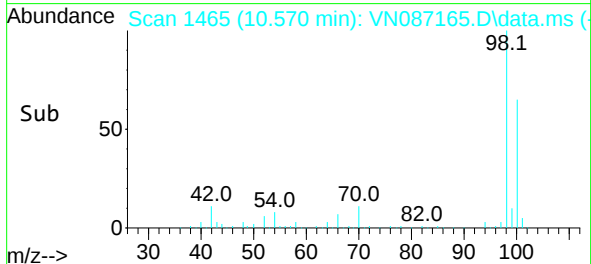
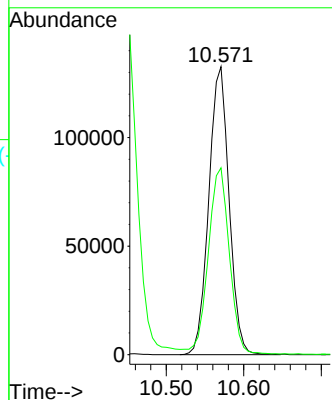
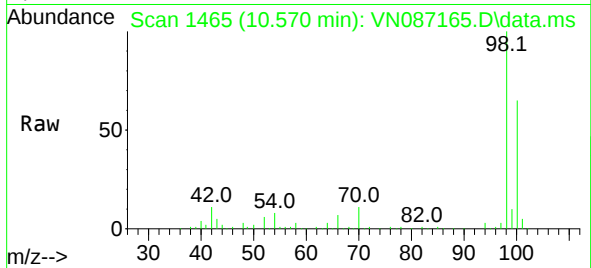




#63
Toluene-d8
Concen: 29.190 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

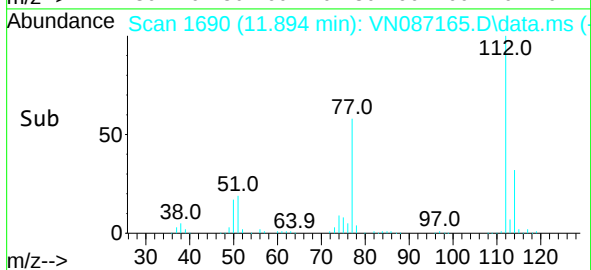
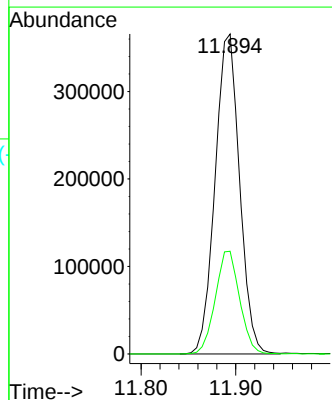
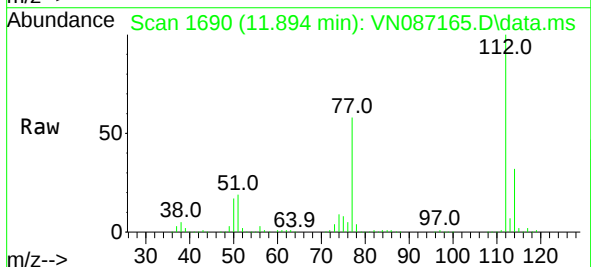
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

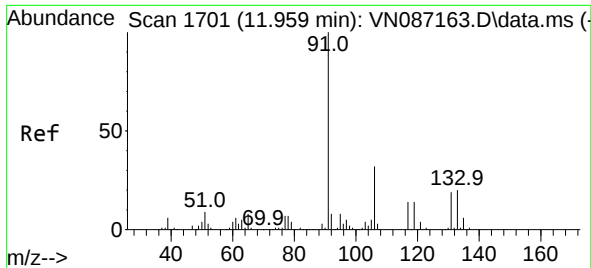
Tgt Ion: 98 Resp: 240658
Ion Ratio Lower Upper
98 100
100 67.9 52.5 78.7



#64
Chlorobenzene
Concen: 99.131 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 112 Resp: 655778
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

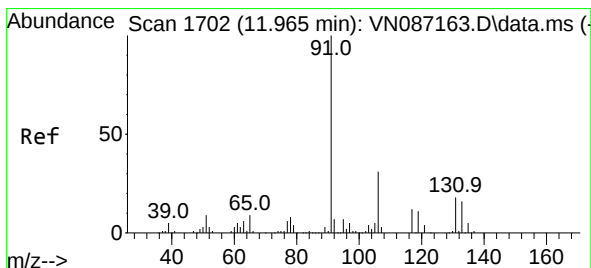
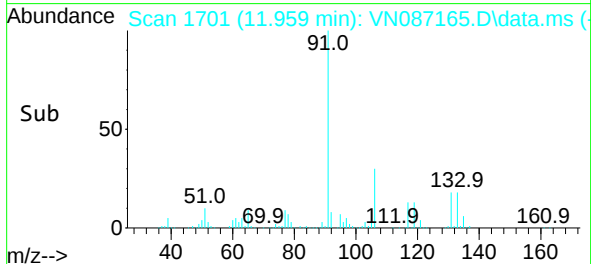
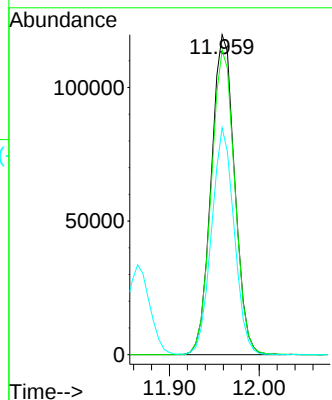
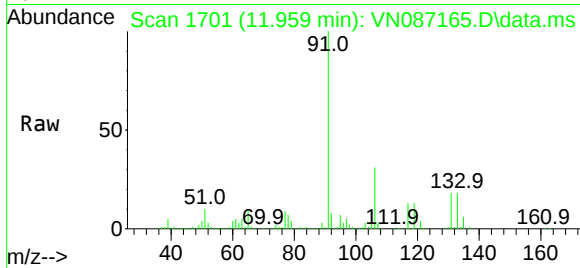




#65
1,1,1,2-Tetrachloroethane
Concen: 99.038 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

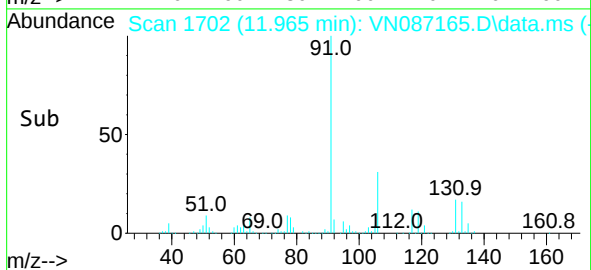
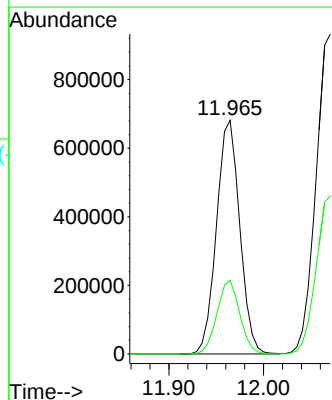
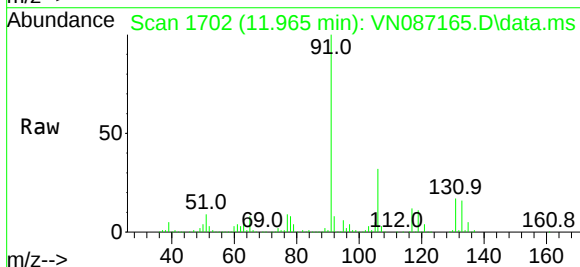
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

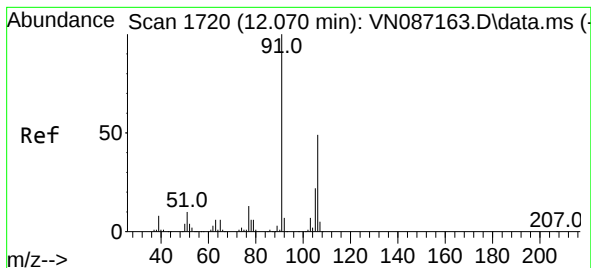
Tgt Ion:131 Resp: 216474
Ion Ratio Lower Upper
131 100
133 95.9 0.0 187.8
119 68.6 0.0 140.0



#66
Ethyl Benzene
Concen: 102.420 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 91 Resp: 1162597
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2

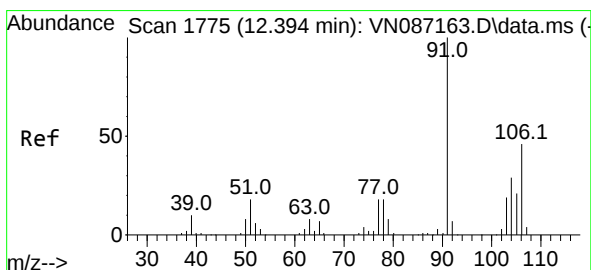
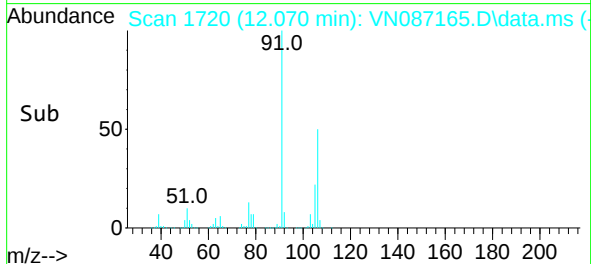
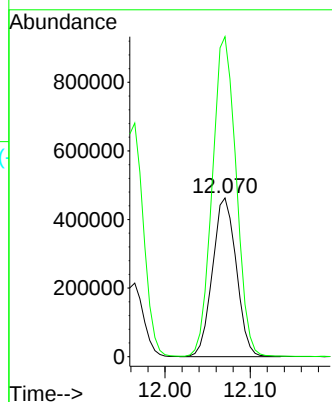
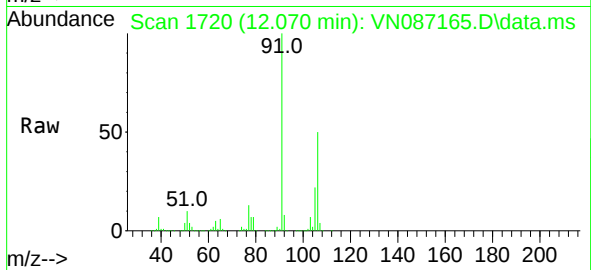




#67
m/p-Xylenes
Concen: 206.636 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

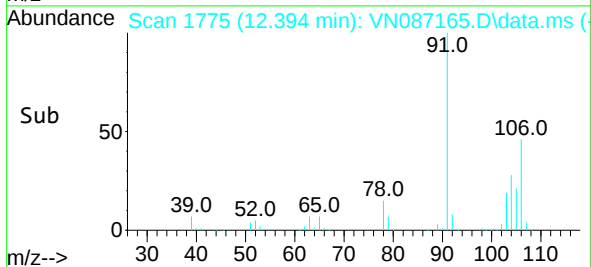
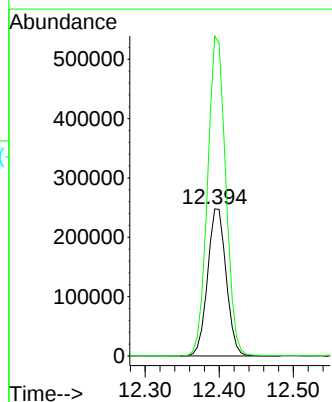
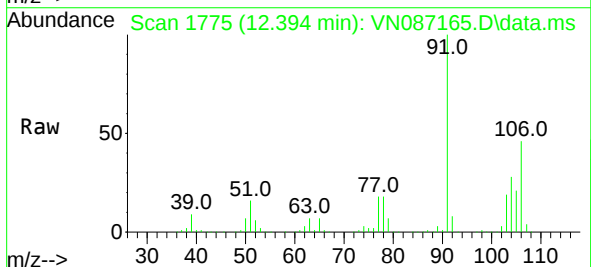
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

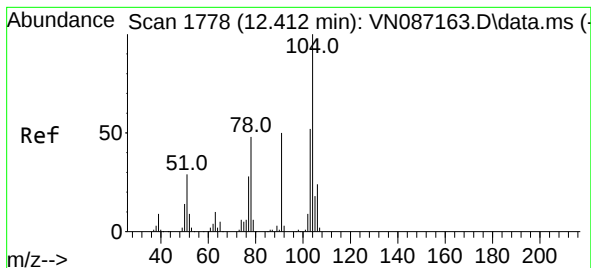
Tgt Ion:106 Resp: 898830
Ion Ratio Lower Upper
106 100
91 202.8 163.0 244.4



#68
o-Xylene
Concen: 104.189 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:106 Resp: 432376
Ion Ratio Lower Upper
106 100
91 212.8 107.1 321.1





#69

Styrene

Concen: 104.199 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

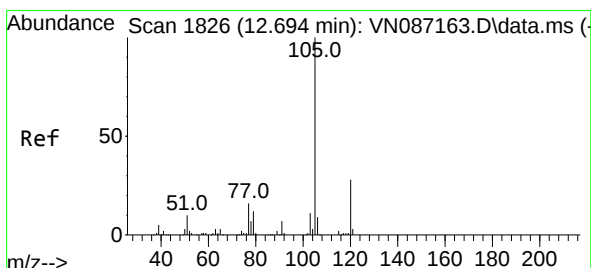
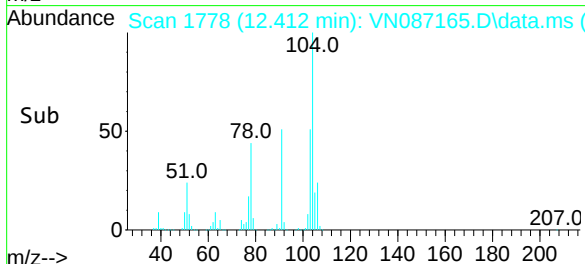
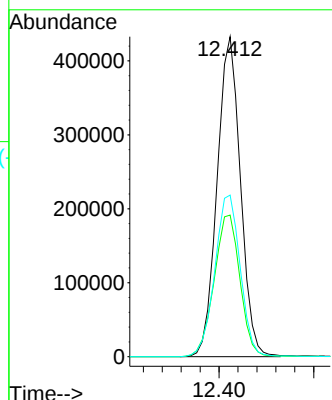
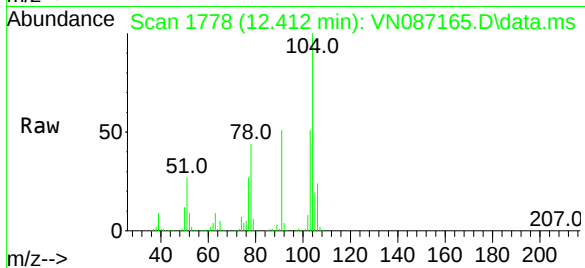
Tgt Ion:104 Resp: 742364

Ion Ratio Lower Upper

104 100

78 49.0 39.8 59.8

103 54.9 44.2 66.4



#70

Isopropylbenzene

Concen: 104.487 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN087165.D

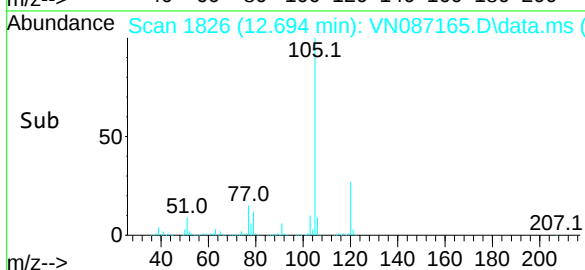
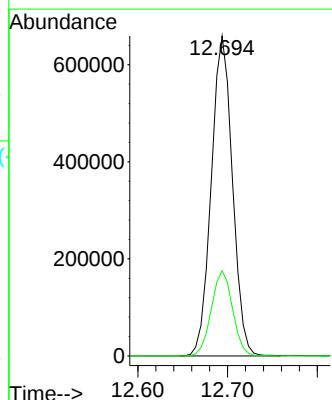
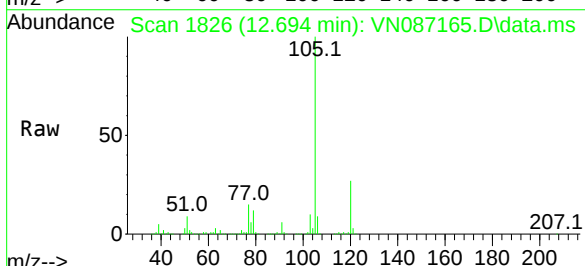
Acq: 25 Jun 2025 10:03

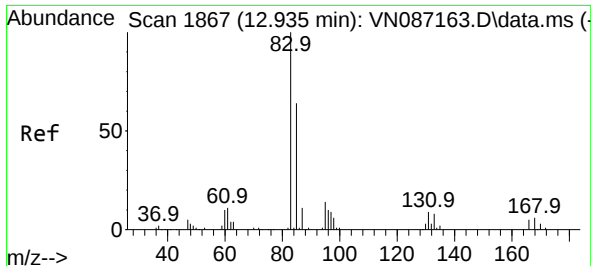
Tgt Ion:105 Resp: 1079915

Ion Ratio Lower Upper

105 100

120 26.7 19.0 35.2

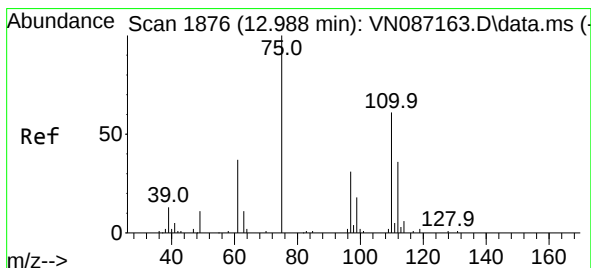
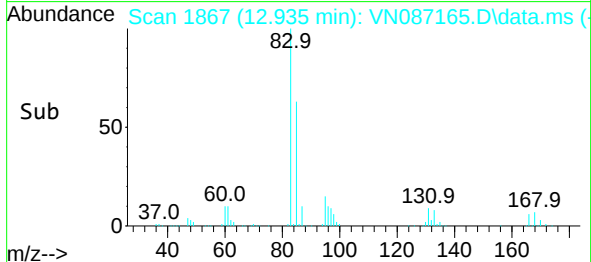
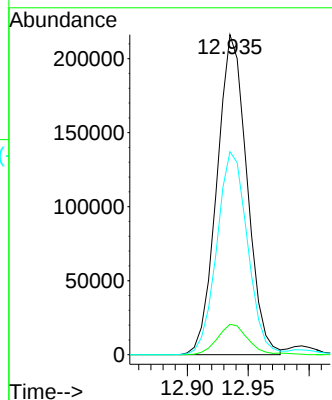
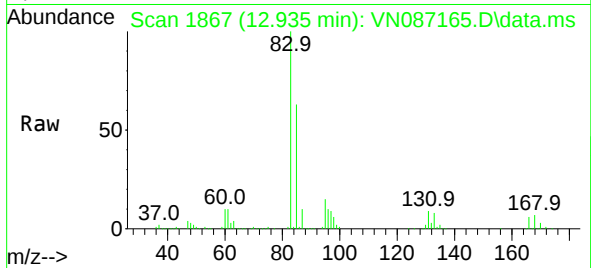




#71
1,1,2,2-Tetrachloroethane
Concen: 99.725 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

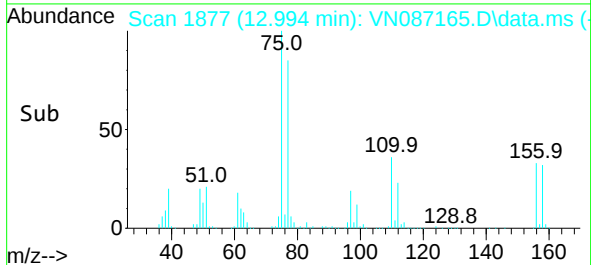
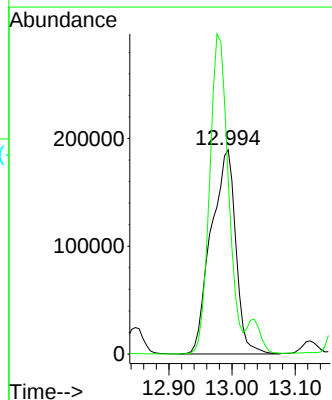
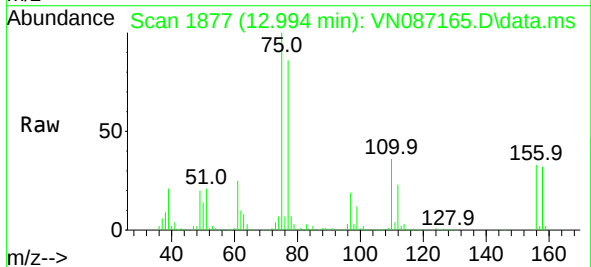
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

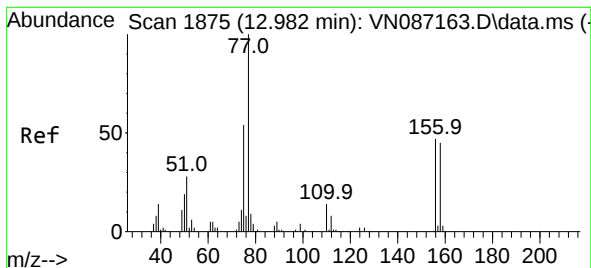
Tgt Ion: 83 Resp: 370997
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.4
85 64.7 31.3 93.9



#72
1,2,3-Trichloropropane
Concen: 160.138 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 75 Resp: 513736
Ion Ratio Lower Upper
75 100
77 118.9 0.0 379.2





#73

Bromobenzene

Concen: 101.758 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

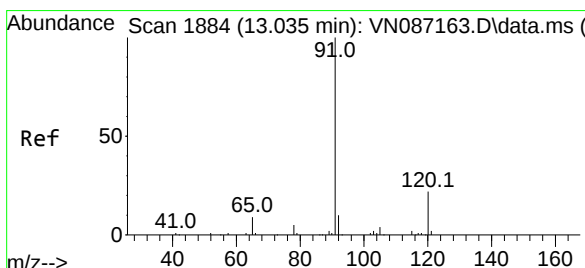
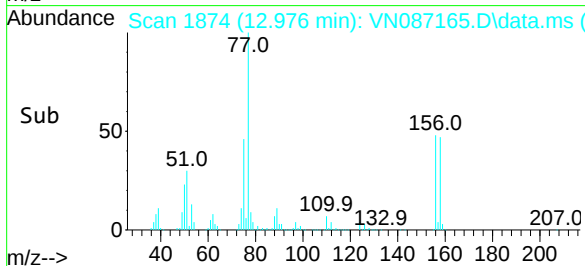
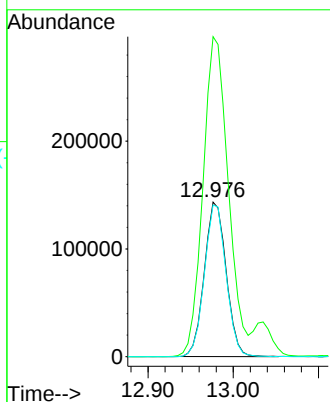
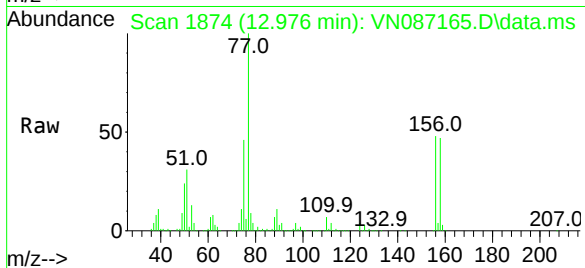
Tgt Ion:156 Resp: 255120

Ion Ratio Lower Upper

156 100

77 239.5 0.0 489.0

158 97.7 0.0 195.2



#74

n-propylbenzene

Concen: 105.907 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087165.D

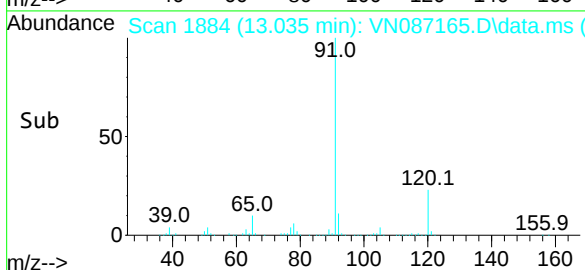
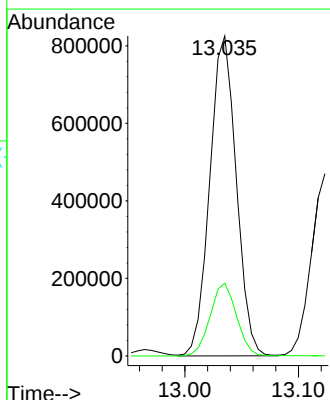
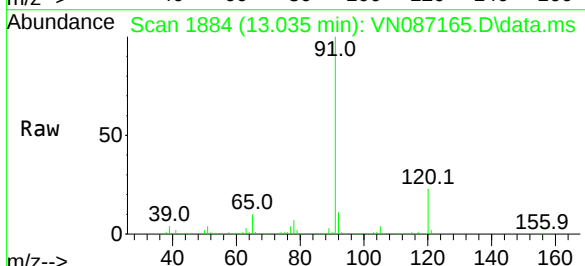
Acq: 25 Jun 2025 10:03

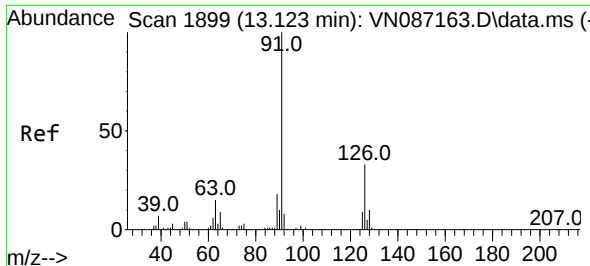
Tgt Ion: 91 Resp: 1337231

Ion Ratio Lower Upper

91 100

120 22.6 0.0 43.6

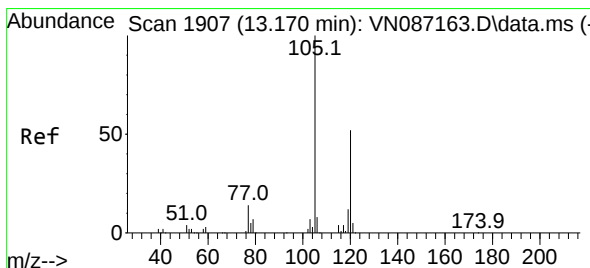
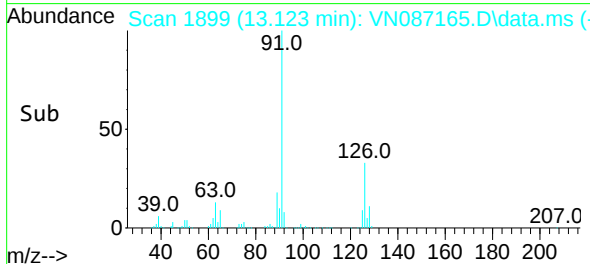
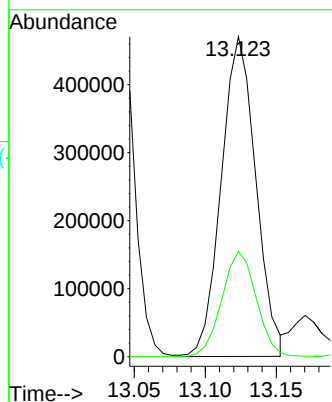
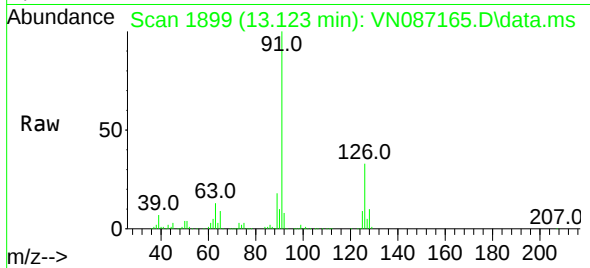




#75
2-Chlorotoluene
Concen: 104.274 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

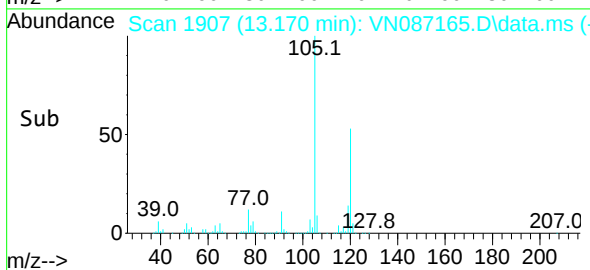
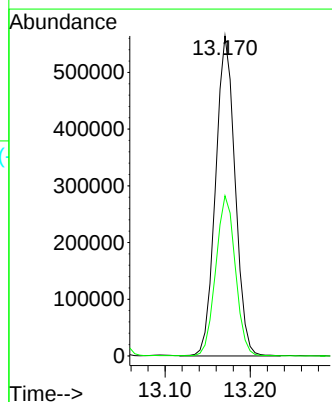
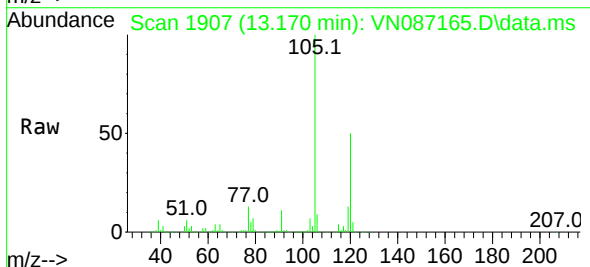
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

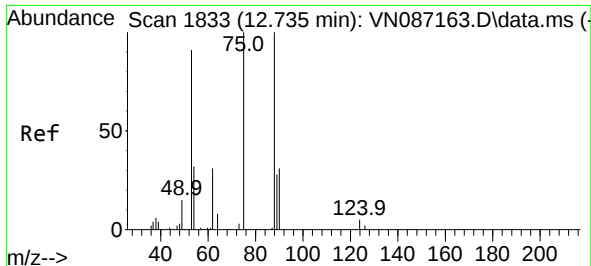
Tgt Ion: 91 Resp: 795441
Ion Ratio Lower Upper
91 100
126 32.8 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 106.651 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 105 Resp: 897353
Ion Ratio Lower Upper
105 100
120 50.3 0.0 100.8

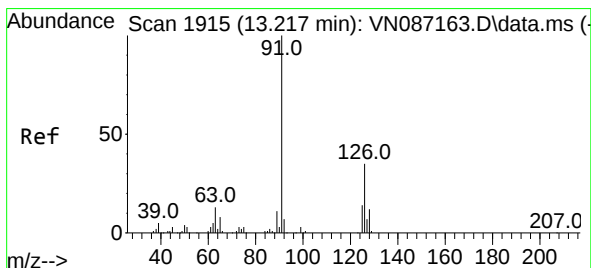
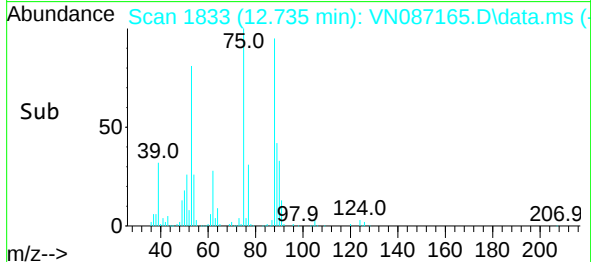
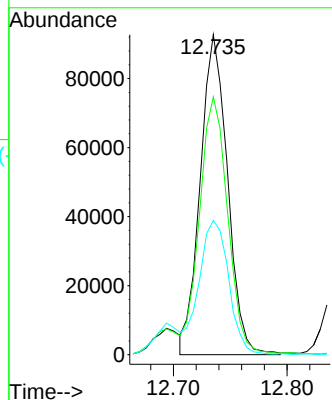
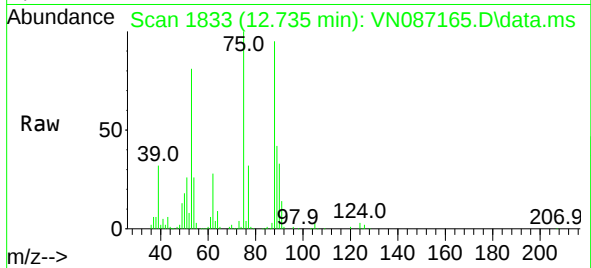




#77
t-1,4-Dichloro-2-butene
Concen: 108.468 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

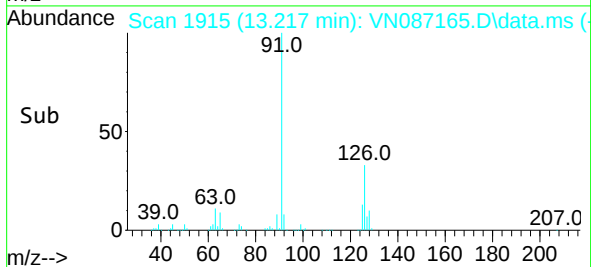
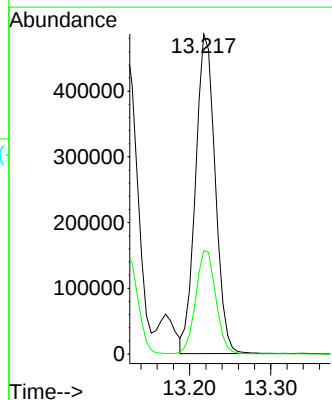
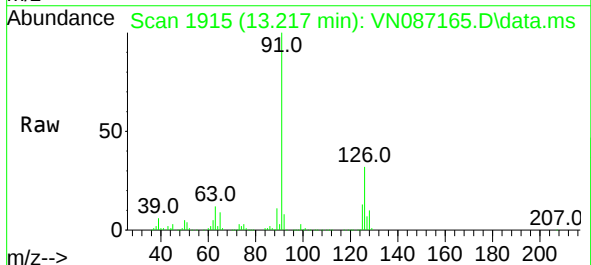
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

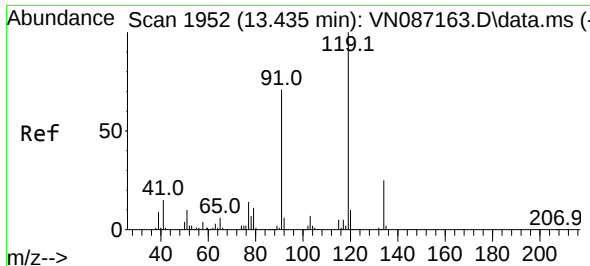
Tgt Ion: 75 Resp: 154353
Ion Ratio Lower Upper
75 100
53 80.5 45.9 137.6
89 41.9 22.3 66.9



#78
4-Chlorotoluene
Concen: 104.864 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 91 Resp: 819288
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.2

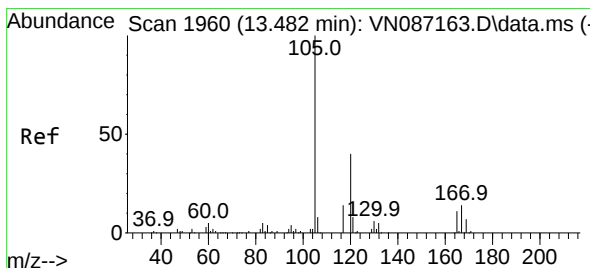
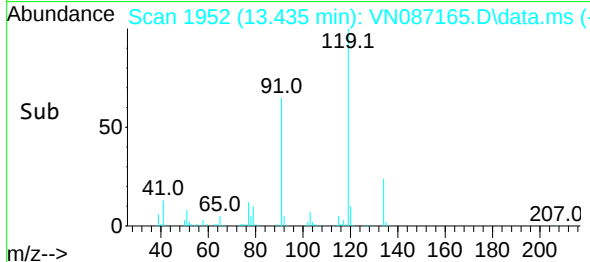
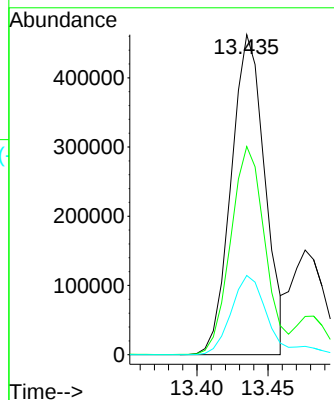
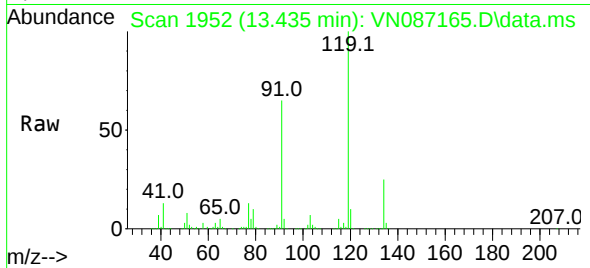




#79
tert-butylbenzene
Concen: 108.165 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

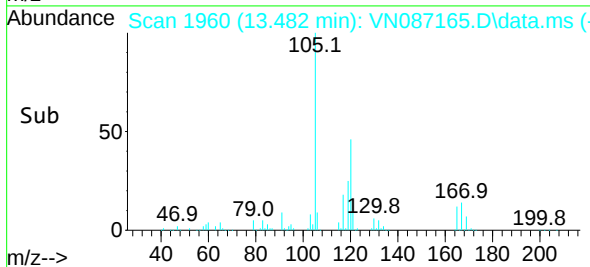
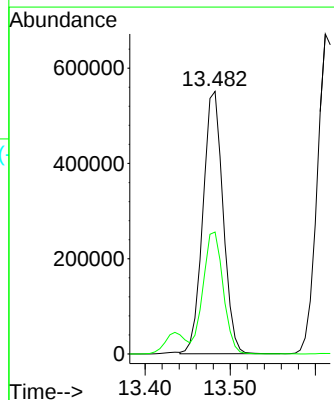
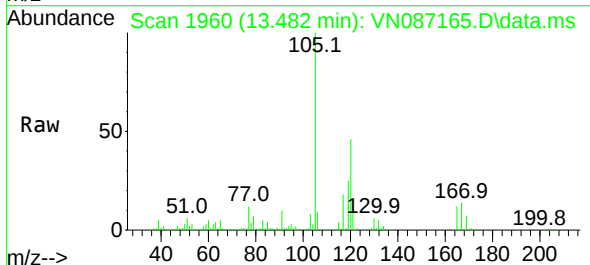
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

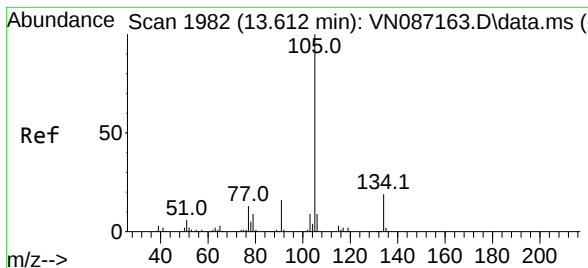
Tgt Ion:119 Resp: 765014
Ion Ratio Lower Upper
119 100
91 66.1 0.0 137.0
134 25.2 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 106.942 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:105 Resp: 903551
Ion Ratio Lower Upper
105 100
120 46.3 0.0 94.0

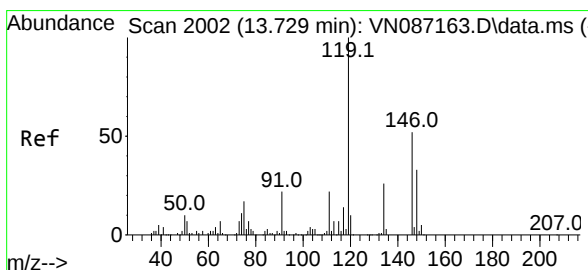
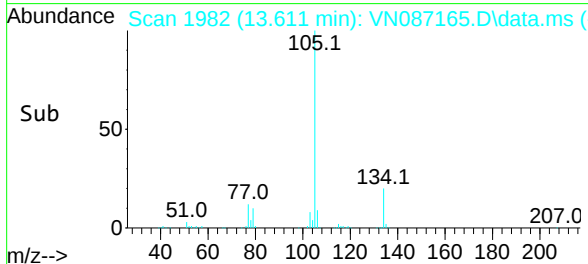
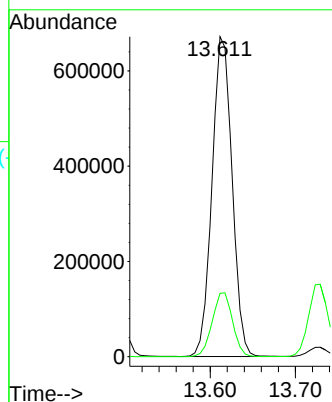
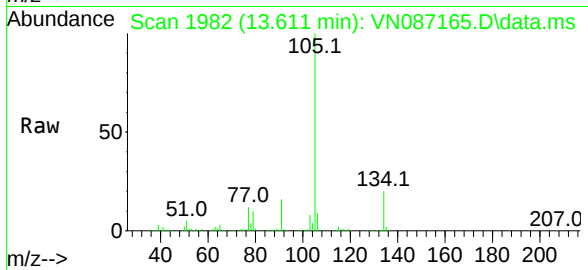




#81
 sec-Butylbenzene
 Concen: 106.813 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

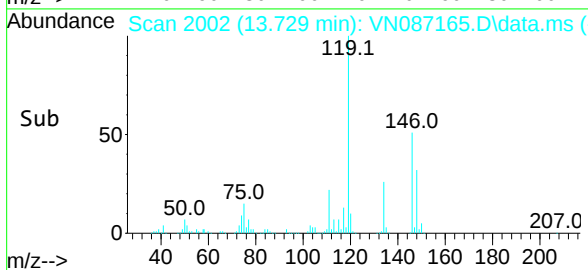
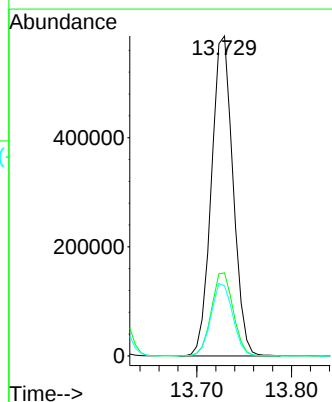
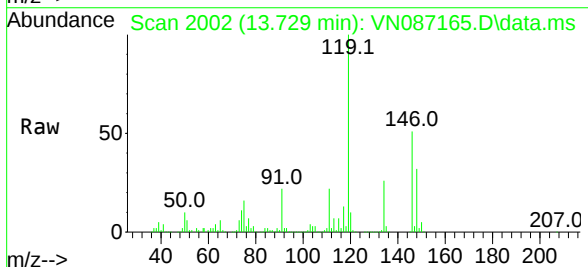
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

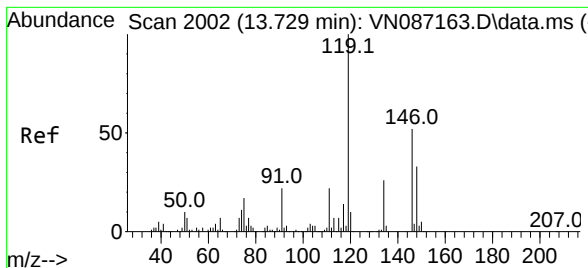
Tgt Ion:105 Resp: 1098188
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 108.653 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

Tgt Ion:119 Resp: 929641
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.2
 91 22.8 0.0 46.4





#83

1,3-Dichlorobenzene

Concen: 104.399 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

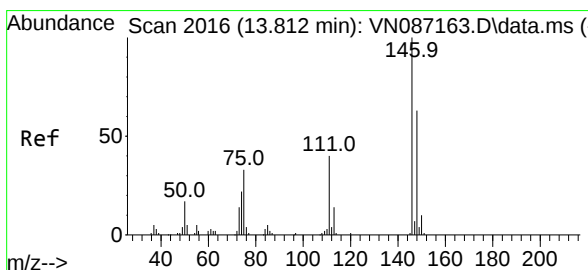
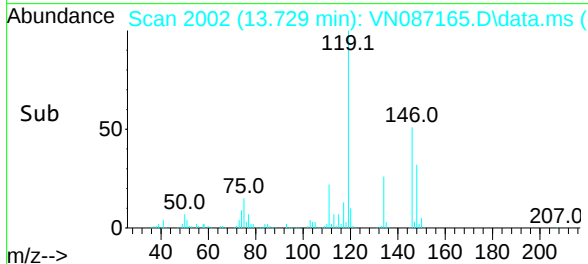
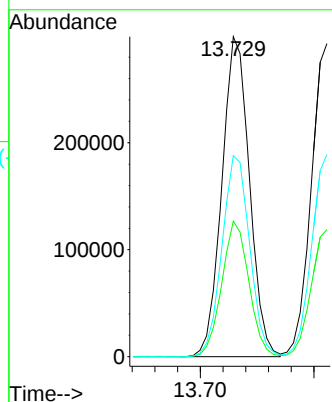
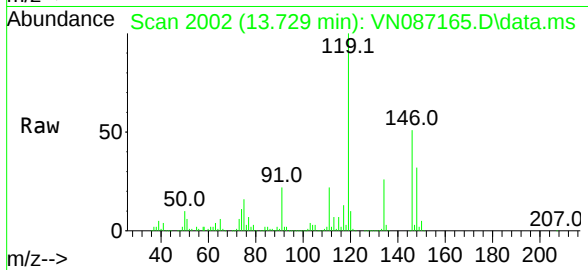
Tgt Ion:146 Resp: 504027

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.3

148 63.2 31.6 94.8



#84

1,4-Dichlorobenzene

Concen: 103.715 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

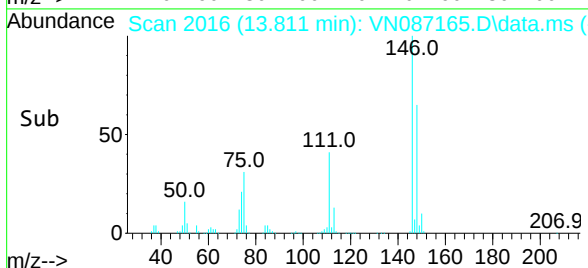
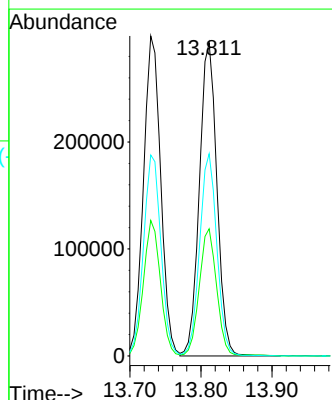
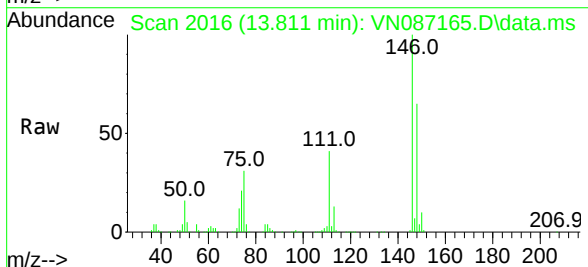
Tgt Ion:146 Resp: 503947

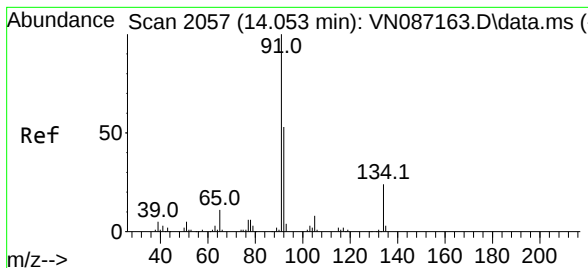
Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

148 63.4 31.4 94.2





#85

n-Butylbenzene

Concen: 107.249 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

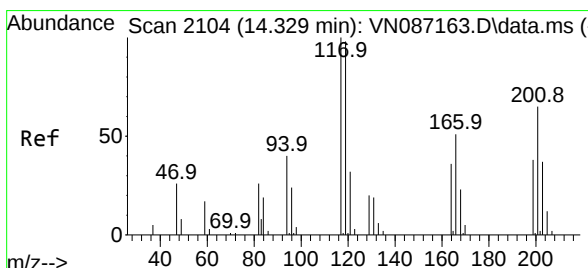
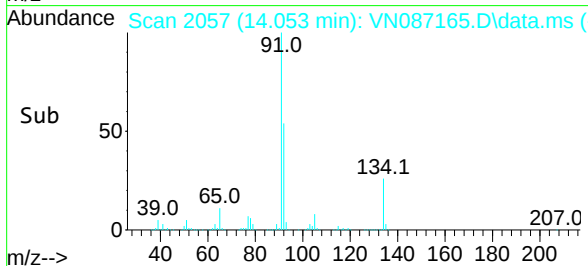
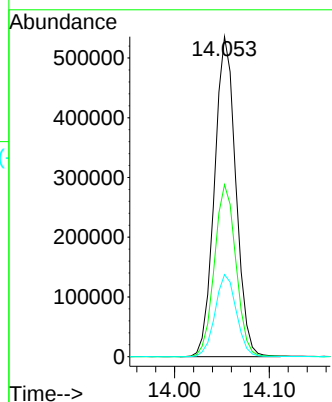
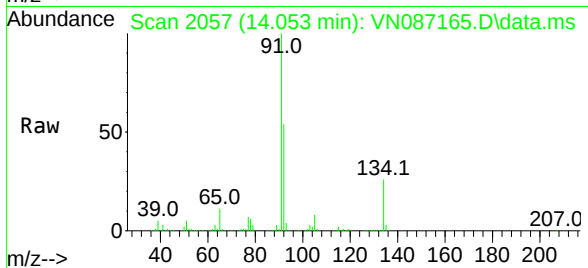
Tgt Ion: 91 Resp: 837235

Ion Ratio Lower Upper

91 100

92 54.1 0.0 106.4

134 25.7 0.0 48.8



#86

Hexachloroethane

Concen: 104.898 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN087165.D

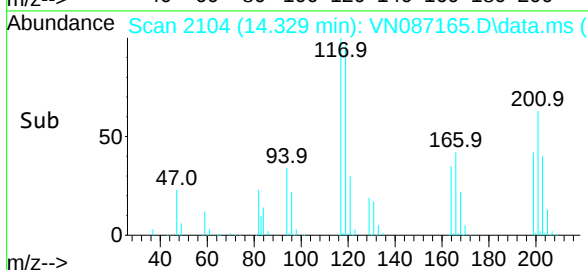
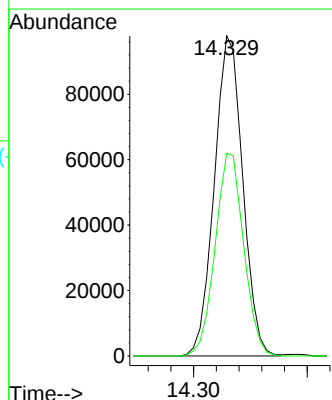
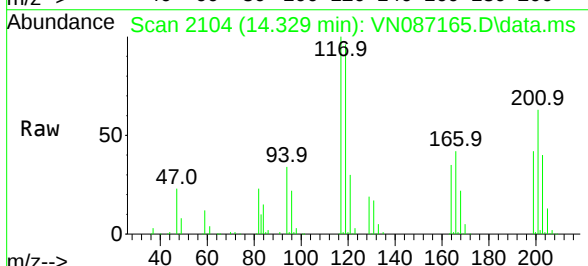
Acq: 25 Jun 2025 10:03

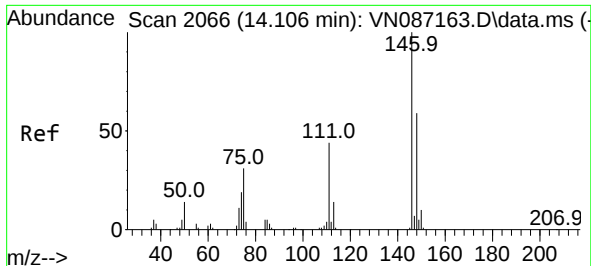
Tgt Ion: 117 Resp: 169893

Ion Ratio Lower Upper

117 100

201 63.7 30.8 92.3

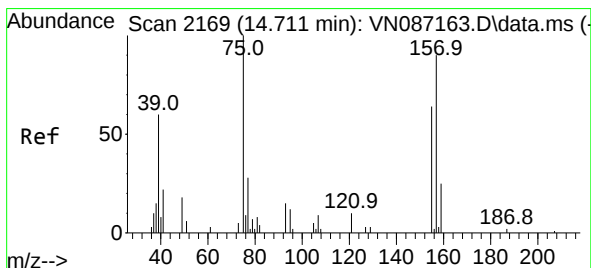
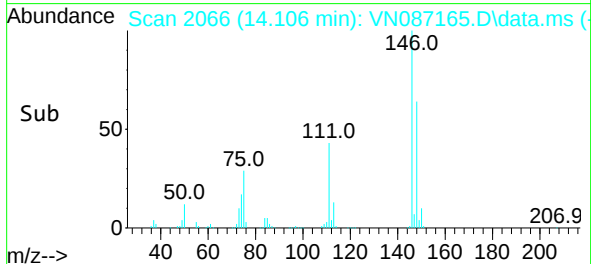
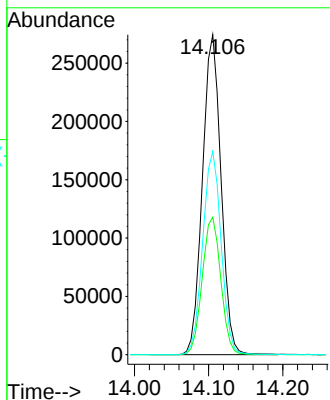
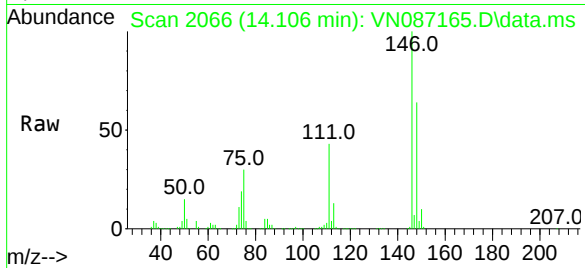




#87
1,2-Dichlorobenzene
Concen: 105.007 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

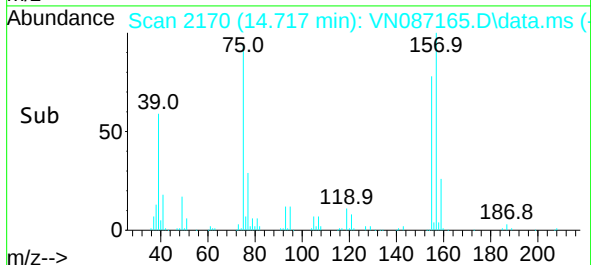
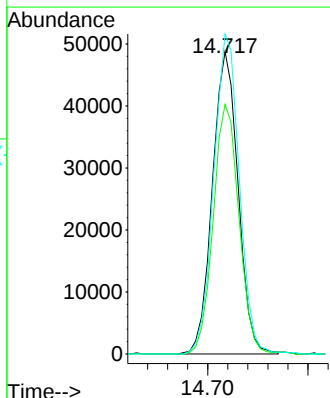
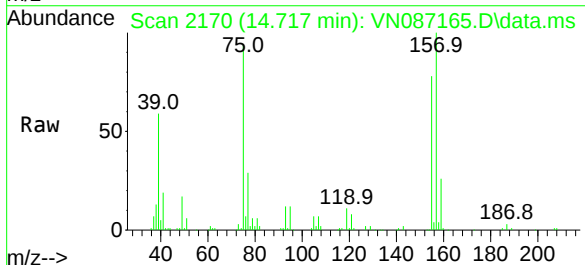
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

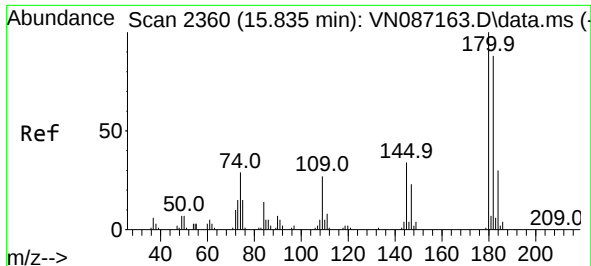
Tgt Ion:146 Resp: 478012
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.1
148 63.2 31.6 95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 103.413 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 75 Resp: 86628
Ion Ratio Lower Upper
75 100
155 82.3 58.3 87.5
157 105.0 79.2 118.8

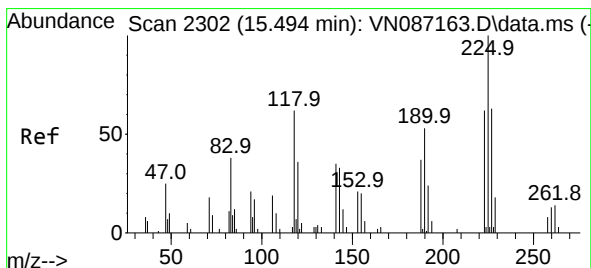
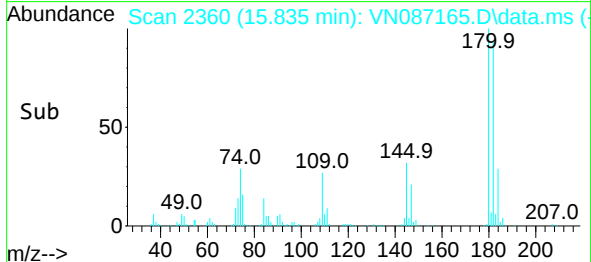
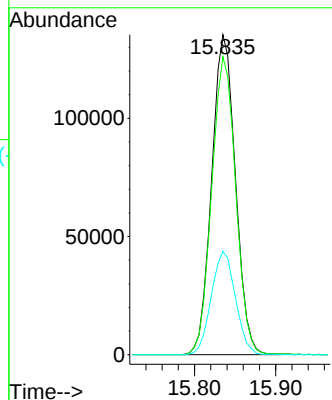
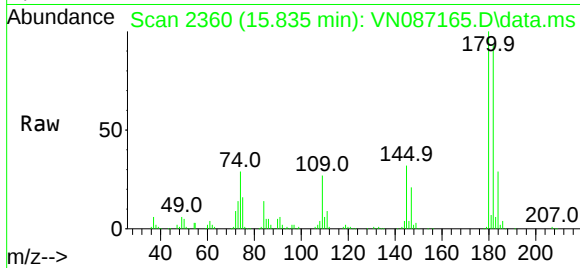




#89
1,2,4-Trichlorobenzene
Concen: 106.749 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

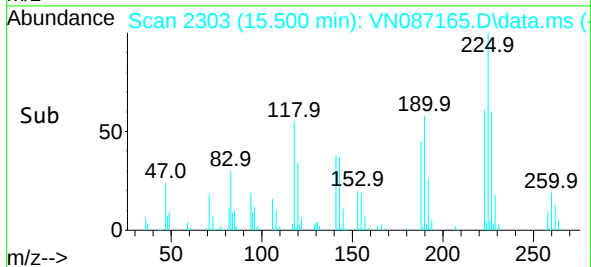
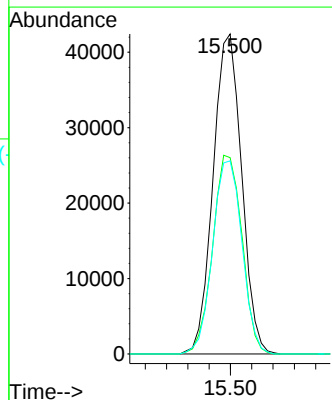
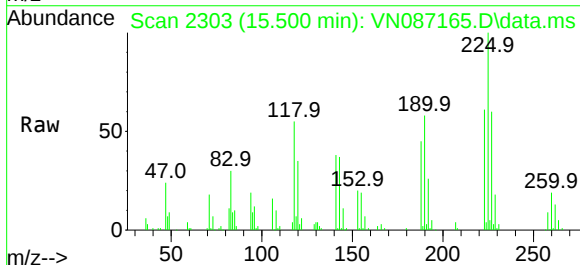
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

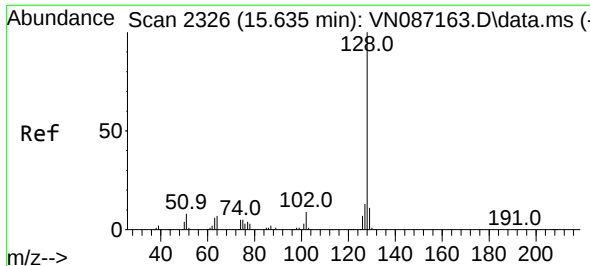
Tgt Ion:180 Resp: 274932
Ion Ratio Lower Upper
180 100
182 94.0 74.2 111.2
145 32.8 27.6 41.4



#90
Hexachlorobutadiene
Concen: 103.203 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:225 Resp: 78874
Ion Ratio Lower Upper
225 100
223 63.7 0.0 134.2
227 62.2 0.0 122.6

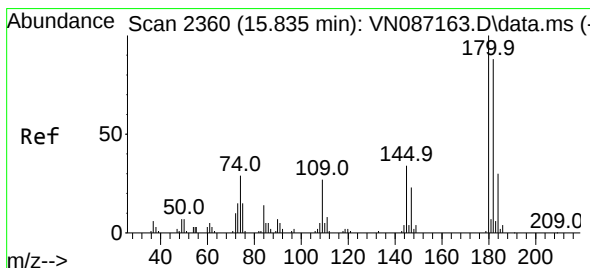
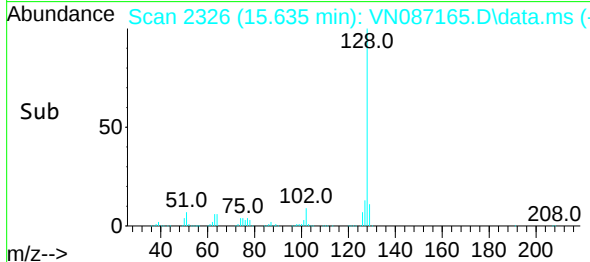
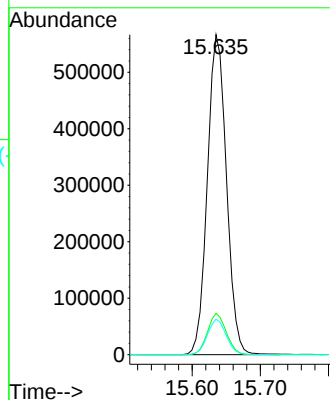
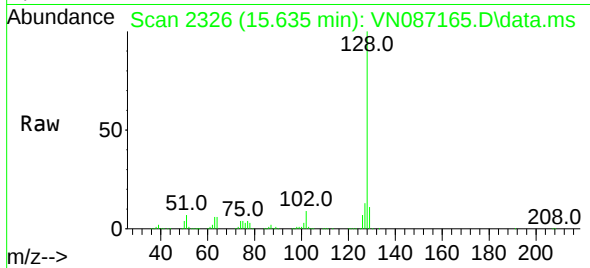




#91
Naphthalene
Concen: 109.064 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1105491
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: 106.749 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:180 Resp: 274932
Ion Ratio Lower Upper
180 100
182 94.0 0.0 185.4
145 32.8 0.0 69.0

