

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086249.D
 Acq On : 11 Apr 2025 14:38
 Operator : JC\MD
 Sample : VN0411WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

Quant Time: Apr 12 01:48:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32103	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	201467	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	175632	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	95625	30.539	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.800%
60) 4-Bromofluorobenzene	12.847	95	104335	29.838	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.467%
63) Toluene-d8	10.565	98	300690	30.325	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	58287	22.661	ug/l	99
3) Chloromethane	2.359	50	76833	21.612	ug/l	99
4) Vinyl Chloride	2.518	62	72960	21.546	ug/l	100
5) Bromomethane	2.965	94	34468	20.406	ug/l	92
6) Chloroethane	3.124	64	45142	21.111	ug/l	99
7) Trichlorofluoromethane	3.501	101	78964	21.497	ug/l	98
8) Diethyl Ether	3.959	74	35948	21.221	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	49466	21.838	ug/l	99
10) 1,1-Dichloroethene	4.342	96	52323	21.404	ug/l	97
11) Methyl Iodide	4.589	142	59569	21.202	ug/l	99
12) Methyl Acetate	5.024	43	69220	20.052	ug/l	98
13) Acrolein	4.177	56	30590	77.958	ug/l	99
14) Acrylonitrile	5.712	53	145157	99.606	ug/l	98
15) Acetone	4.424	58	35289	95.503	ug/l	93
16) Carbon Disulfide	4.712	76	153034	21.832	ug/l	99
17) Allyl chloride	5.024	41	91394	21.451	ug/l	98
18) Methylene Chloride	5.277	84	59182	21.234	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	53765	20.881	ug/l	99
20) Diisopropyl ether	6.665	45	200652	21.906	ug/l	98
21) 1,1-Dichloroethane	6.565	63	106184	21.728	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	65736	21.431	ug/l	98
23) tert-Butyl Alcohol	5.506	59	57260	94.827	ug/l	# 100
24) Methyl tert-Butyl Ether	5.794	73	187291	21.230	ug/l	99
25) Chloroform	7.965	83	101051	21.684	ug/l	98
26) Cyclohexane	8.253	56	98792	21.608	ug/l	# 98
29) 1,1-Dichloropropene	8.371	75	75242	20.848	ug/l	98
30) 2-Butanone	7.477	43	193486	96.751	ug/l	99
31) 2,2-Dichloropropane	7.488	77	93697	21.091	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	85736	20.651	ug/l	99
33) Carbon Tetrachloride	8.359	117	69324	20.895	ug/l	97
34) Benzene	8.600	78	240800	20.972	ug/l	95
35) Methacrylonitrile	7.777	41	44549	19.760	ug/l	96
36) 1,2-Dichloroethane	8.665	62	75064	20.892	ug/l	99
37) Trichloroethene	9.347	130	55823	20.150	ug/l	92
38) Methylcyclohexane	9.594	83	92449	20.887	ug/l	99
39) 1,2-Dichloropropane	9.618	63	59643	20.876	ug/l	97
40) Dibromomethane	9.706	93	36945	20.021	ug/l	99
41) Bromodichloromethane	9.882	83	81655	20.598	ug/l	99
42) Vinyl Acetate	6.594	43	723573	106.292	ug/l	100

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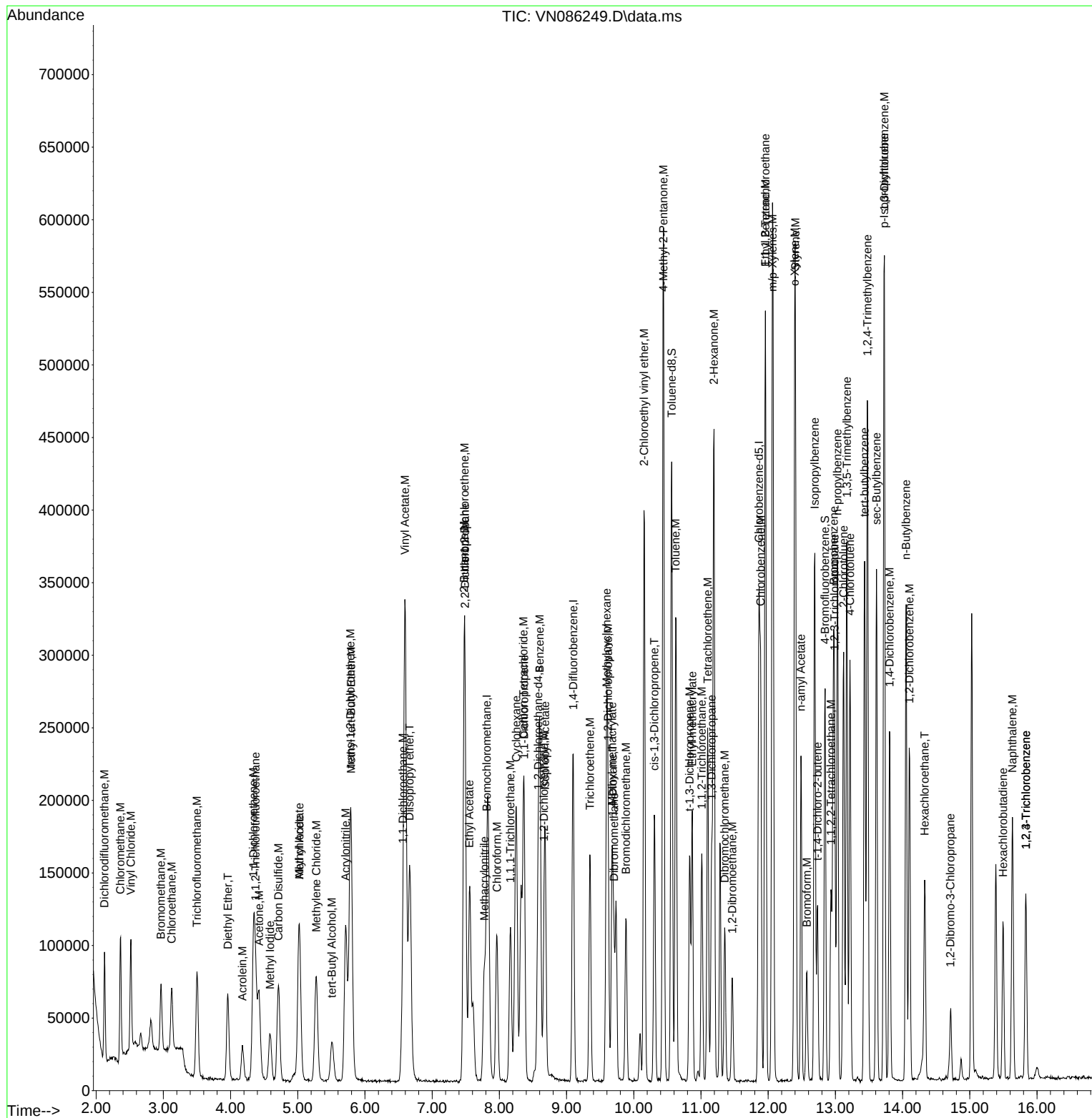
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	77965	19.328	ug/l	98
44) Isopropyl Acetate	8.683	43	150010	20.046	ug/l	99
45) 1,4-Dioxane	9.688	88	21831	366.878	ug/l #	93
46) Methyl methacrylate	9.677	41	66579	20.193	ug/l	99
47) n-amyl Acetate	12.488	43	118327	19.943	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	92056	20.541	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	98100	20.682	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	52750	20.382	ug/l	98
51) Ethyl methacrylate	10.871	69	97258	20.222	ug/l	98
52) 1,3-Dichloropropane	11.159	76	96585	20.938	ug/l	100
53) Dibromochloromethane	11.353	129	57663	20.369	ug/l	98
54) 1,2-Dibromoethane	11.465	107	52283	20.012	ug/l	99
55) 2-Chloroethyl vinyl ether	10.153	63	182299	100.309	ug/l	100
56) Bromoform	12.576	173	36790	19.864	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	405618	101.770	ug/l	100
59) 2-Hexanone	11.194	43	298673	100.637	ug/l	100
61) Tetrachloroethene	11.100	164	54335	20.949	ug/l	98
62) Toluene	10.624	91	251566	21.355	ug/l	100
64) Chlorobenzene	11.888	112	148243	20.597	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	50696	21.344	ug/l	100
66) Ethyl Benzene	11.959	91	273823	20.960	ug/l	98
67) m/p-Xylenes	12.065	106	202596	41.705	ug/l	98
68) o-Xylene	12.394	106	100957	21.129	ug/l	99
69) Styrene	12.406	104	168655	20.929	ug/l	99
70) Isopropylbenzene	12.694	105	249762	21.200	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	69753	20.801	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	103838	29.748	ug/l	61
73) Bromobenzene	12.976	156	53692	20.572	ug/l	98
74) n-propylbenzene	13.029	91	295354	21.231	ug/l	99
75) 2-Chlorotoluene	13.123	91	183287	20.961	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	206643	21.352	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	31266	19.426	ug/l	94
78) 4-Chlorotoluene	13.218	91	179801	20.589	ug/l	99
79) tert-butylbenzene	13.435	119	173459	20.714	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	203945	20.782	ug/l	99
81) sec-Butylbenzene	13.612	105	249442	21.354	ug/l	99
82) p-Isopropyltoluene	13.723	119	207519	21.296	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	98830	20.374	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	99189	20.383	ug/l	99
85) n-Butylbenzene	14.053	91	191298	21.761	ug/l	99
86) Hexachloroethane	14.329	117	33590	20.435	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	95565	19.953	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.712	75	14160	18.539	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	45993	19.736	ug/l	99
90) Hexachlorobutadiene	15.494	225	19273	19.154	ug/l	96
91) Naphthalene	15.635	128	169515	18.449	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	45993	19.736	ug/l	99

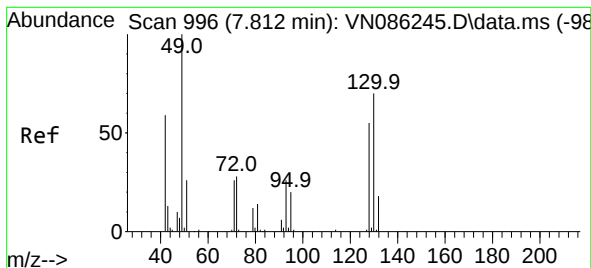
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN086249.D

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Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

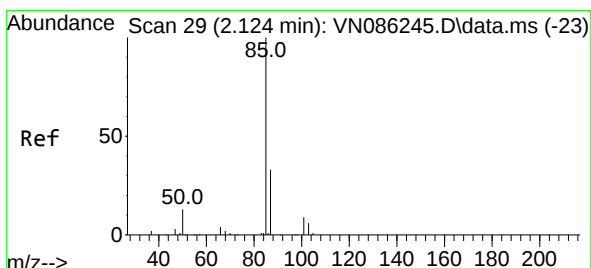
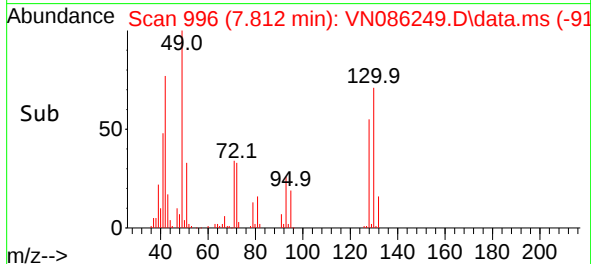
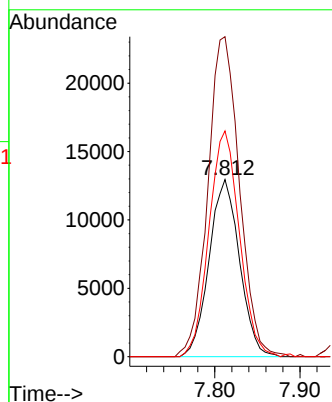
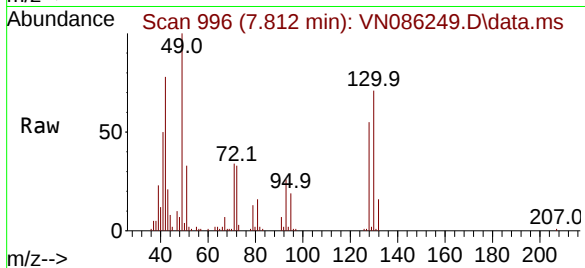
Tgt Ion:128 Resp: 32103

Ion Ratio Lower Upper

128 100

49 187.6 0.0 452.5

130 127.9 0.0 315.0



#2

Dichlorodifluoromethane

Concen: 22.661 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN086249.D

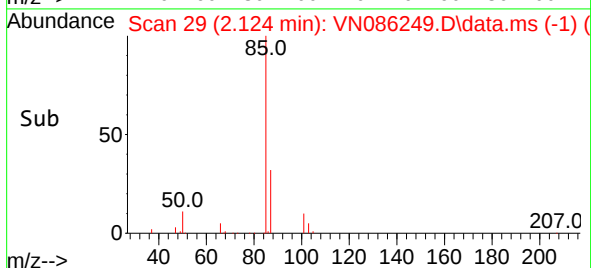
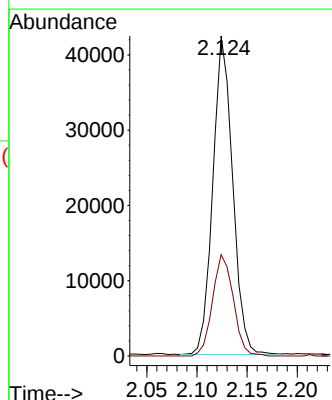
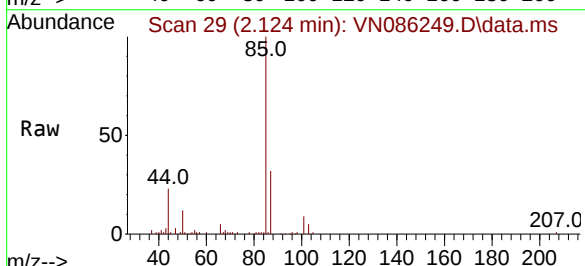
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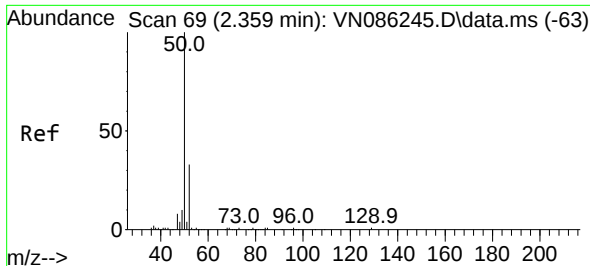
Tgt Ion: 85 Resp: 58287

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.9

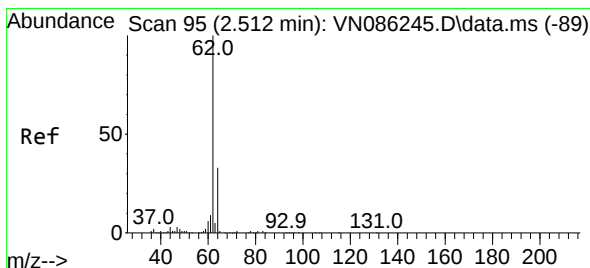
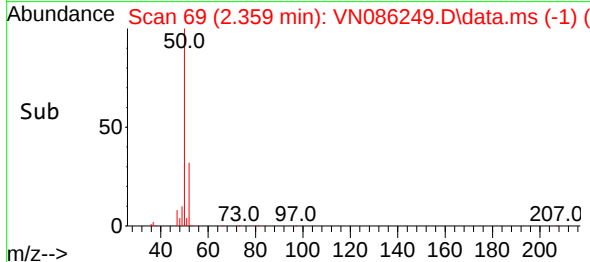
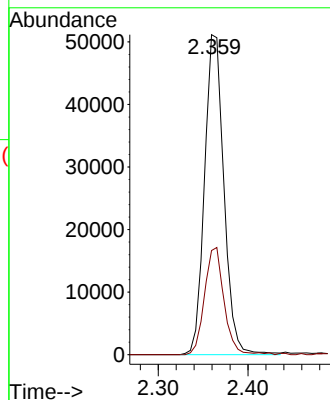
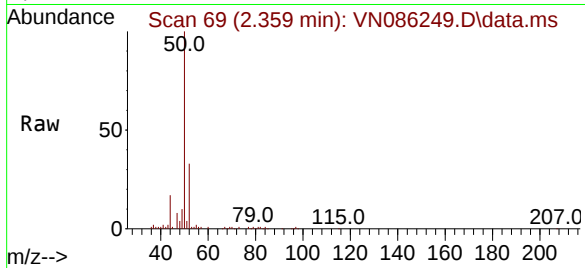




#3
Chloromethane
Concen: 21.612 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086249.D
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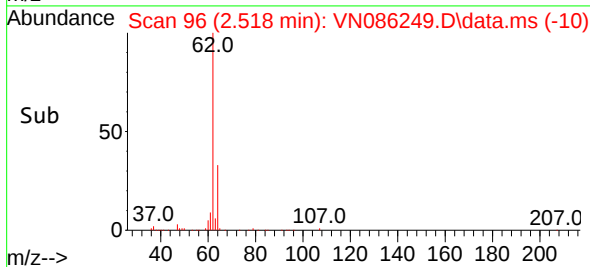
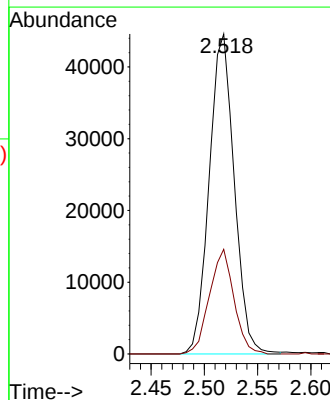
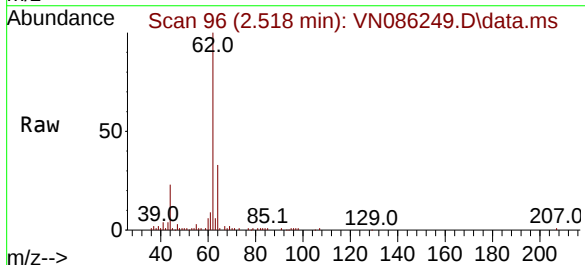
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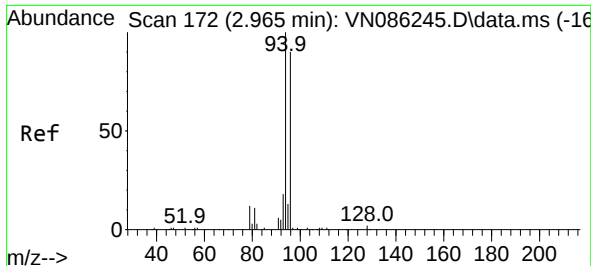
Tgt Ion: 50 Resp: 76833
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6



#4
Vinyl Chloride
Concen: 21.546 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 62 Resp: 72960
Ion Ratio Lower Upper
62 100
64 32.7 26.3 39.5

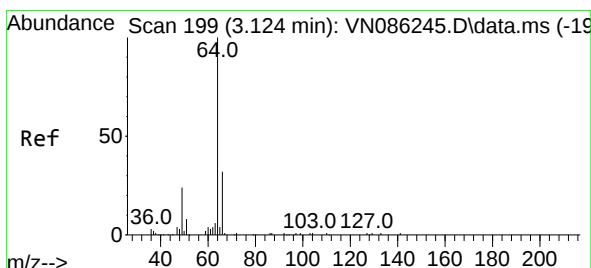
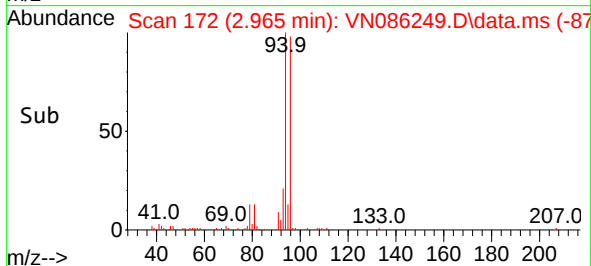
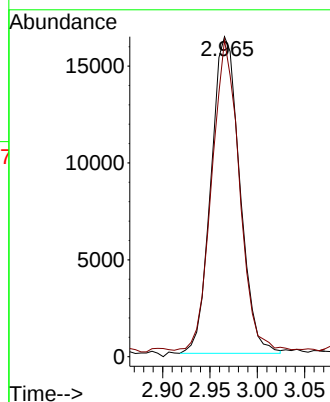
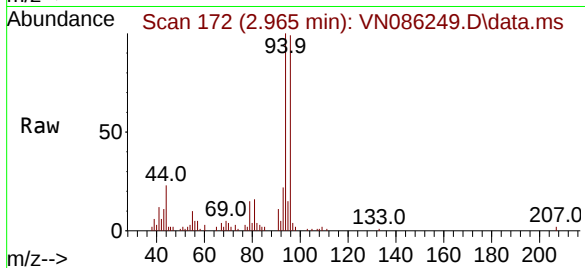




#5
Bromomethane
Concen: 20.406 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
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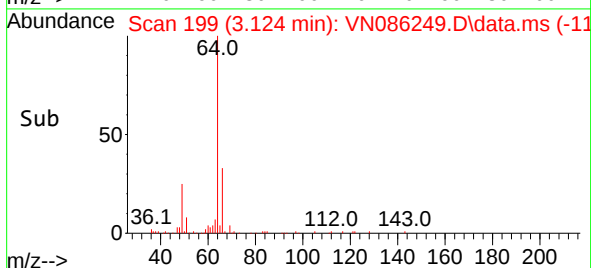
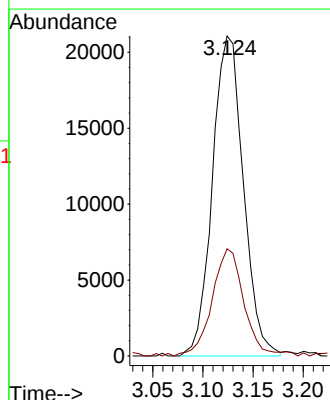
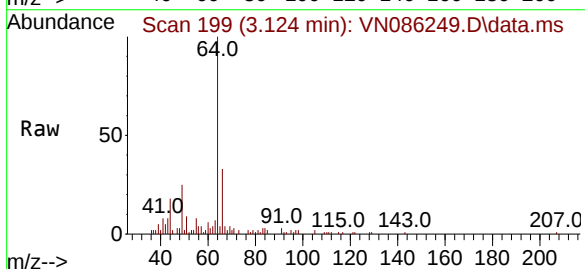
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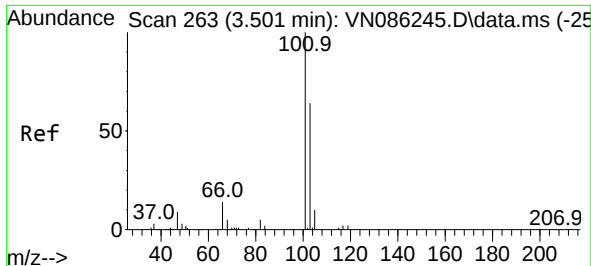
Tgt Ion: 94 Resp: 34468
Ion Ratio Lower Upper
94 100
96 97.5 72.2 108.2



#6
Chloroethane
Concen: 21.111 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086249.D
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Tgt Ion: 64 Resp: 45142
Ion Ratio Lower Upper
64 100
66 32.7 25.7 38.5

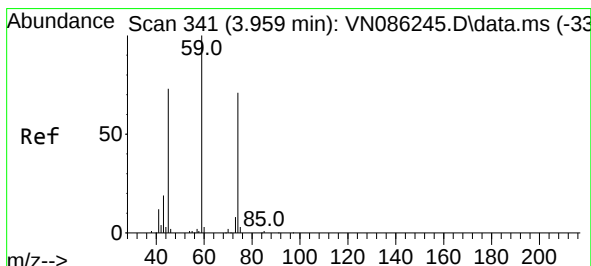
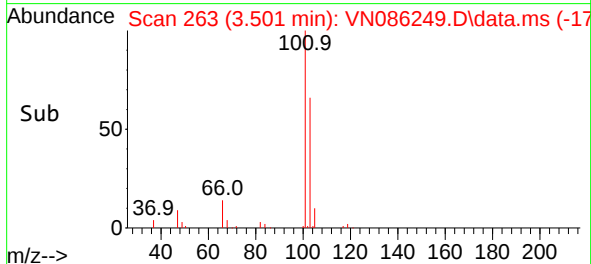
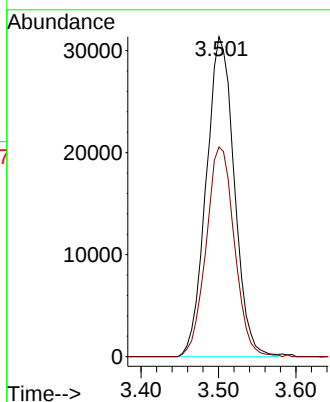
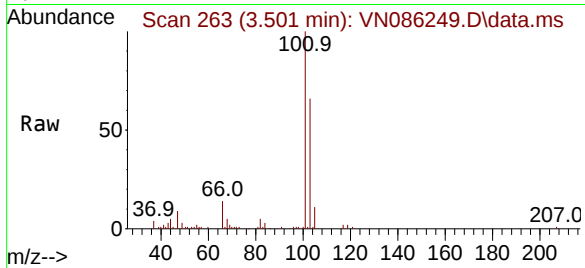




#7
 Trichlorofluoromethane
 Concen: 21.497 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
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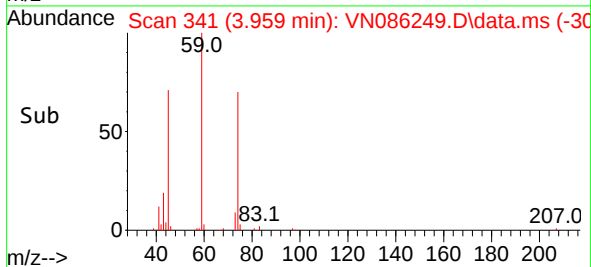
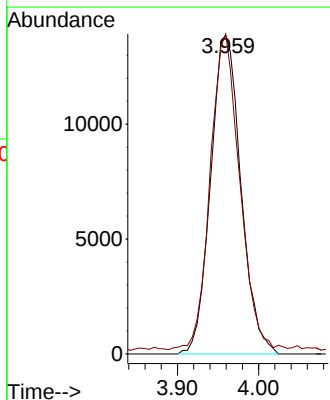
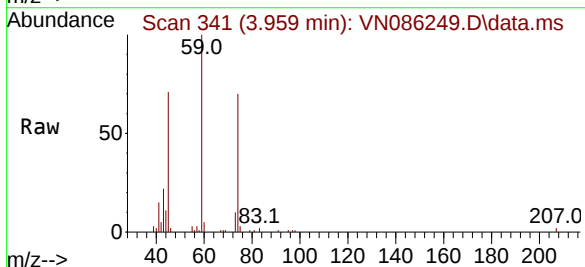
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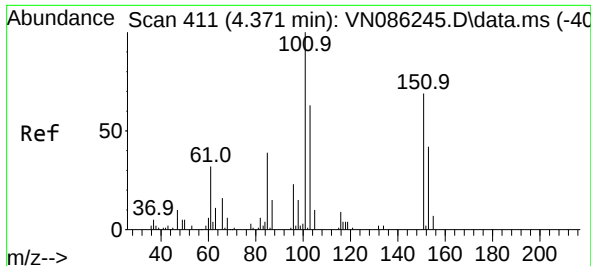
Tgt Ion:101 Resp: 78964
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.2 76.8



#8
 Diethyl Ether
 Concen: 21.221 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086249.D
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Tgt Ion: 74 Resp: 35948
 Ion Ratio Lower Upper
 74 100
 45 95.7 19.2 173.2

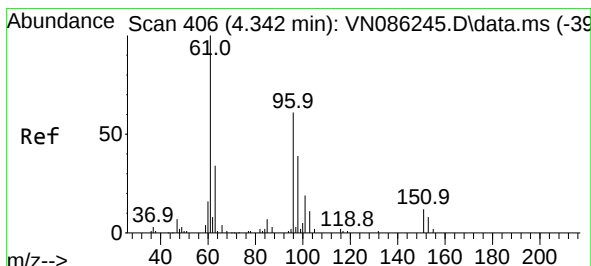
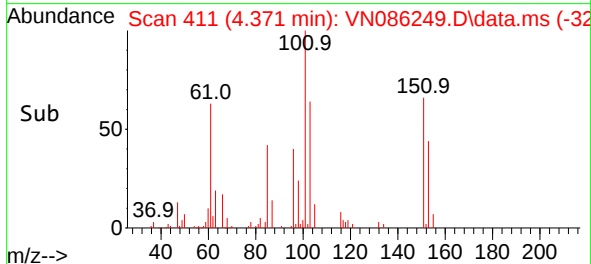
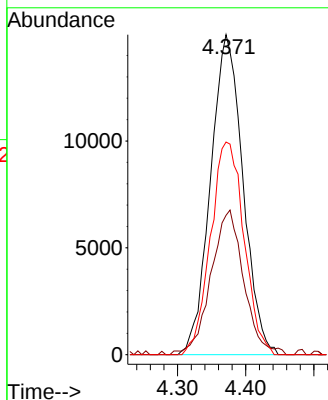
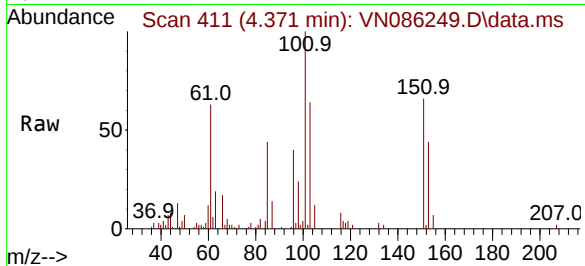




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.838 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
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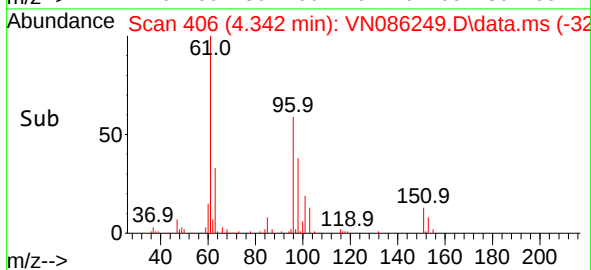
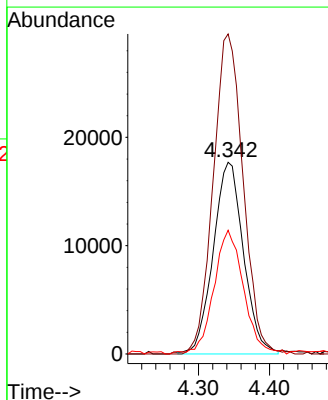
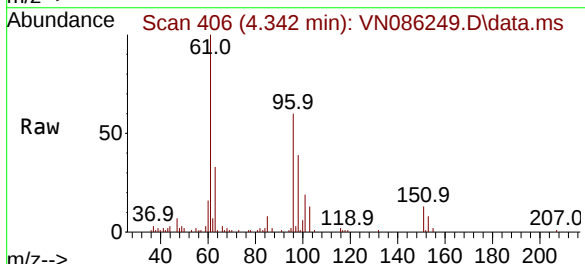
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 ClientSampleId :
 VN0411WBS01

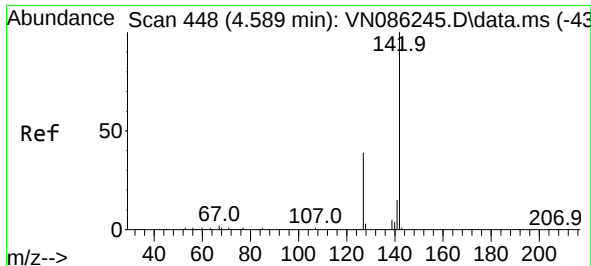
Tgt Ion:	101	Resp:	49466
Ion	Ratio	Lower	Upper
101	100		
85	45.1	0.0	93.0
151	68.6	0.0	138.6



#10
 1,1-Dichloroethene
 Concen: 21.404 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

Tgt Ion:	96	Resp:	52323
Ion	Ratio	Lower	Upper
96	100		
61	168.3	131.1	196.7
98	63.8	51.6	77.4

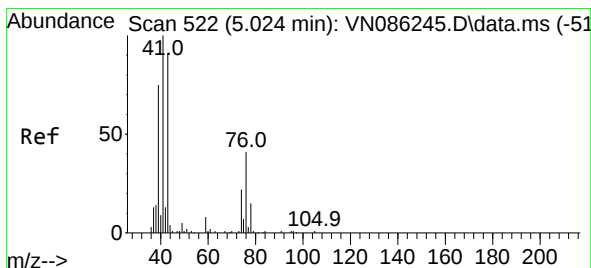
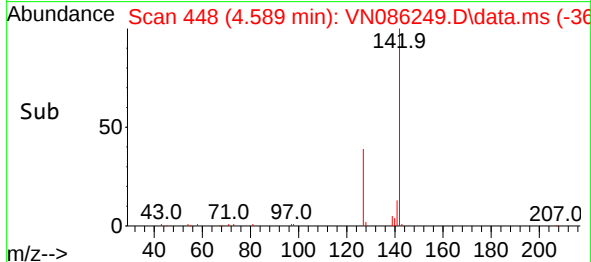
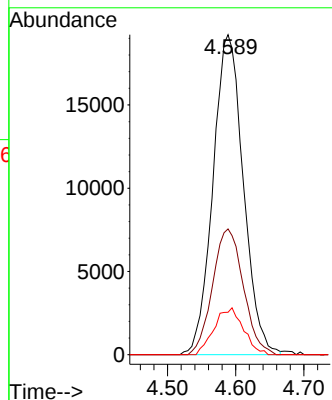
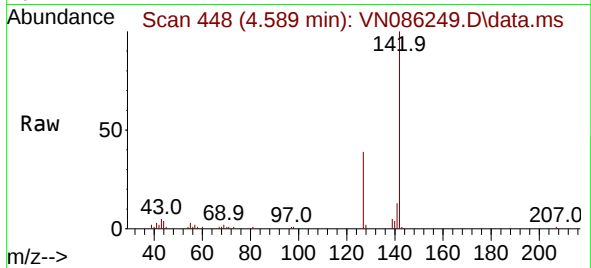




#11
Methyl Iodide
Concen: 21.202 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

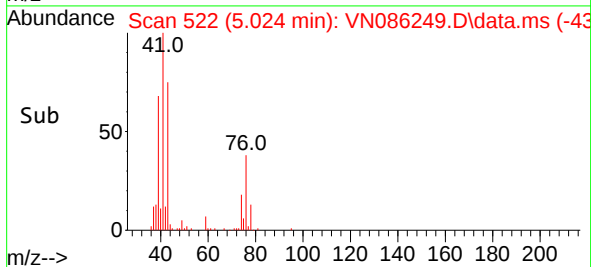
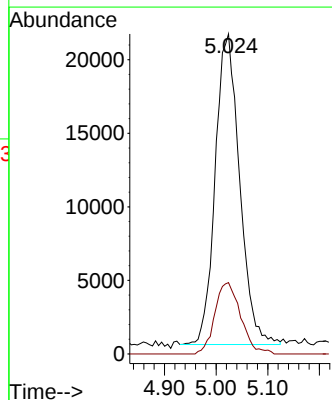
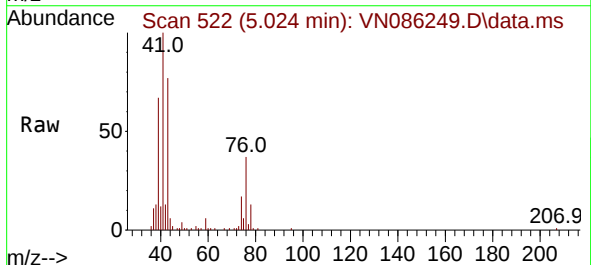
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

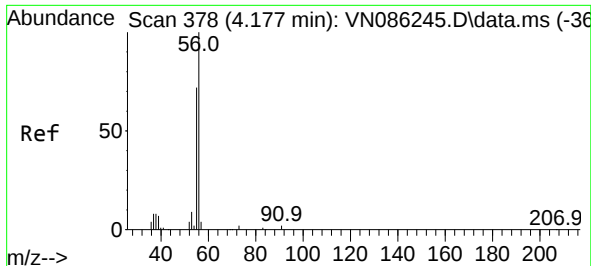
Tgt Ion:142 Resp: 59569
Ion Ratio Lower Upper
142 100
127 39.5 19.6 58.8
141 13.3 7.3 21.9



#12
Methyl Acetate
Concen: 20.052 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 43 Resp: 69220
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7





#13

Acrolein

Concen: 77.958 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

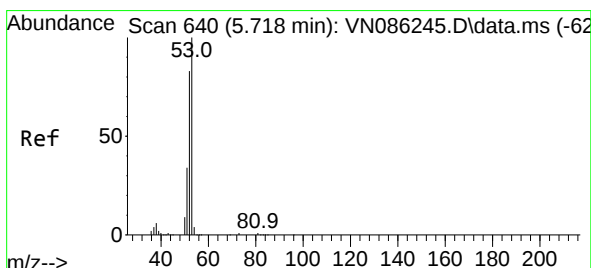
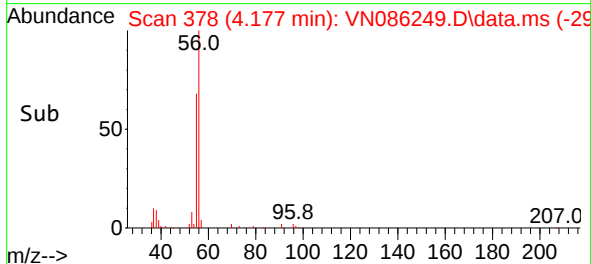
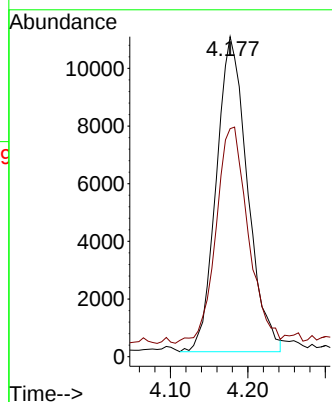
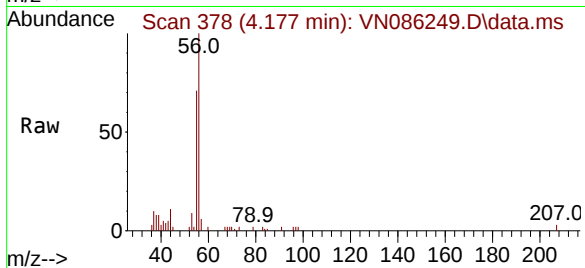
VN0411WBS01

Tgt Ion: 56 Resp: 30590

Ion Ratio Lower Upper

56 100

55 70.1 56.5 84.7



#14

Acrylonitrile

Concen: 99.606 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

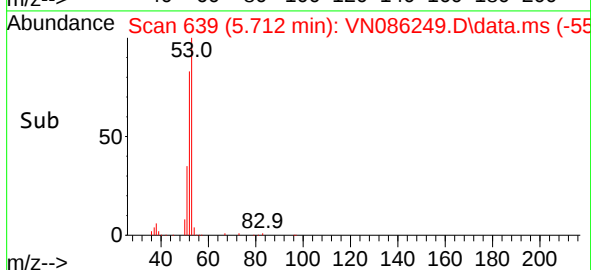
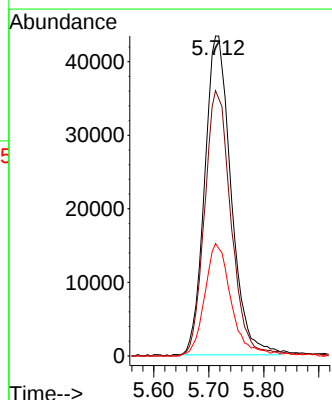
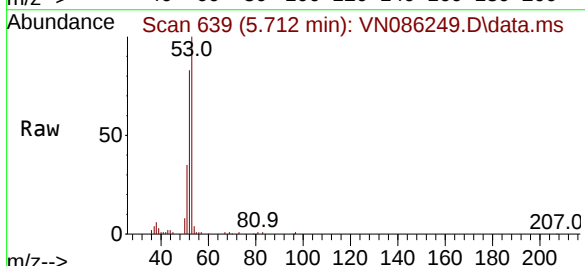
Tgt Ion: 53 Resp: 145157

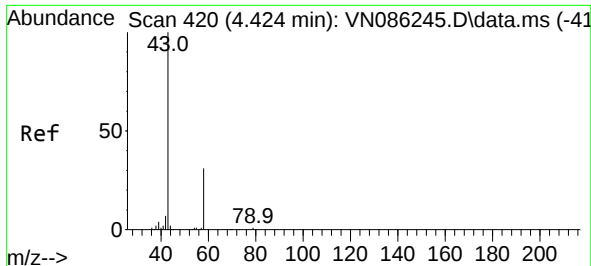
Ion Ratio Lower Upper

53 100

52 83.4 40.2 120.6

51 35.0 17.5 52.6

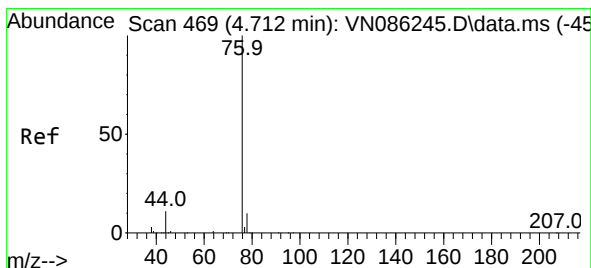
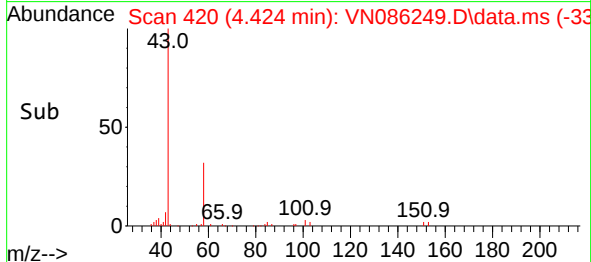
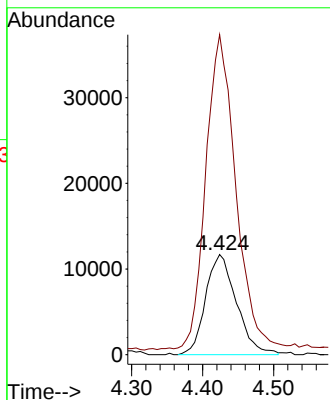
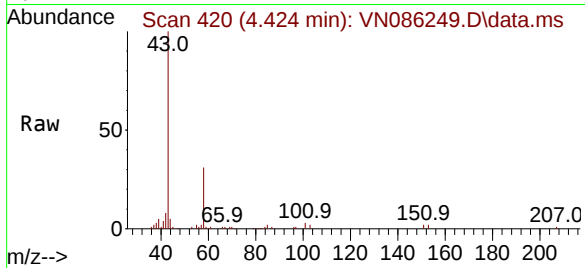




#15
Acetone
Concen: 95.503 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

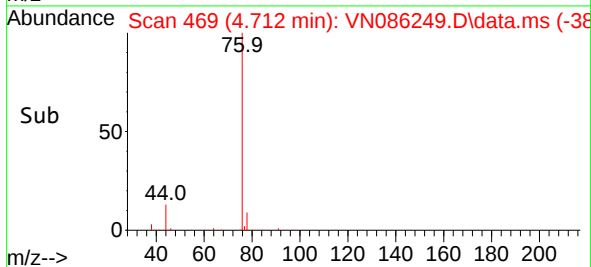
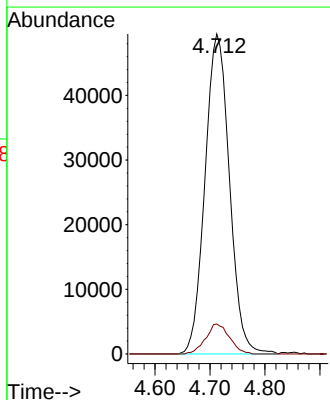
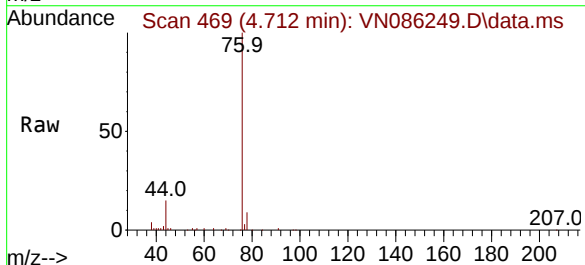
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

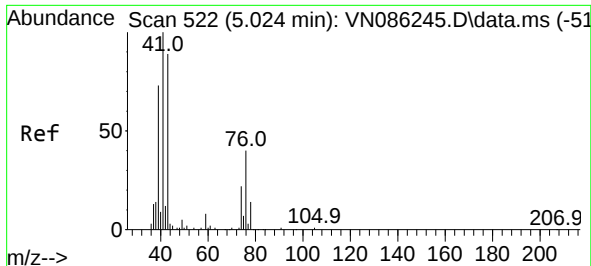
Tgt Ion: 58 Resp: 35289
Ion Ratio Lower Upper
58 100
43 313.0 261.8 392.8



#16
Carbon Disulfide
Concen: 21.832 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 76 Resp: 153034
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

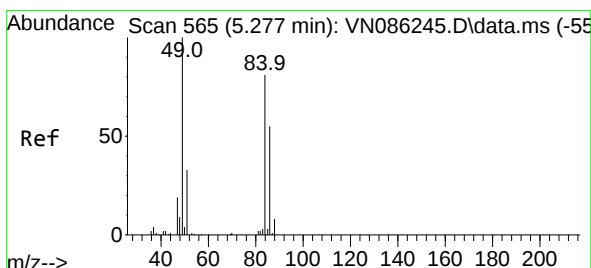
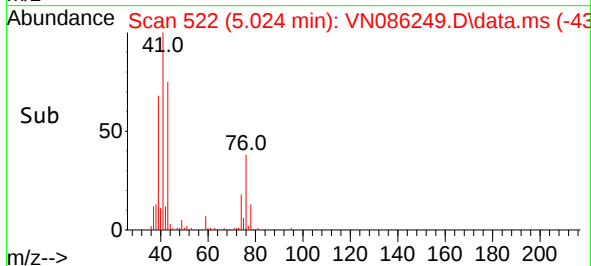
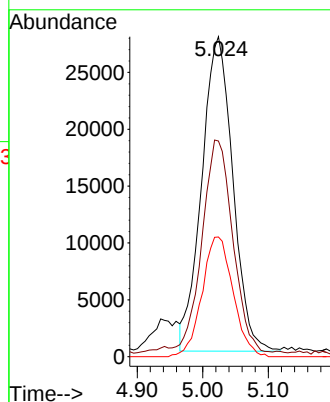
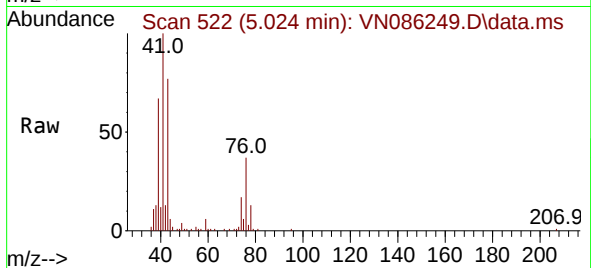




#17
Allyl chloride
Concen: 21.451 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

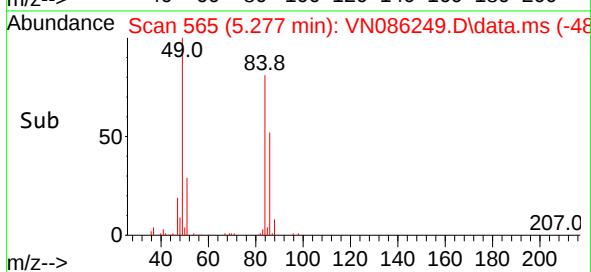
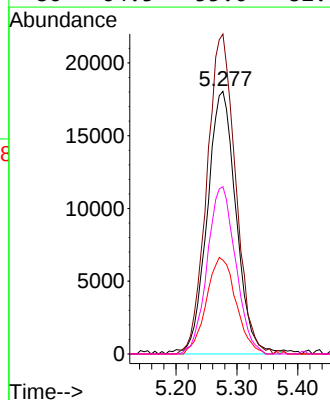
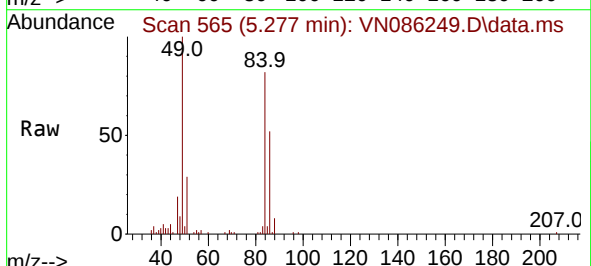
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

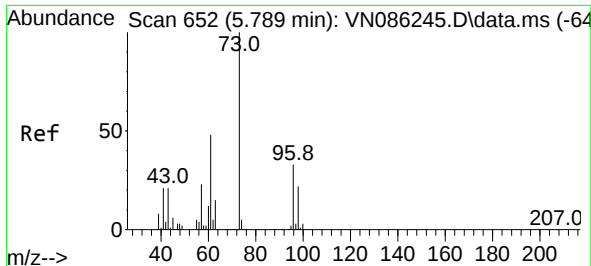
Tgt Ion:	41	Resp:	91394
Ion	Ratio	Lower	Upper
41	100		
39	67.2	34.4	103.2
76	38.3	18.8	56.3



#18
Methylene Chloride
Concen: 21.234 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion:	84	Resp:	59182
Ion	Ratio	Lower	Upper
84	100		
49	122.3	99.1	148.7
51	36.1	32.3	48.5
86	64.5	55.0	82.4





#19

trans-1,2-Dichloroethene

Concen: 20.881 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

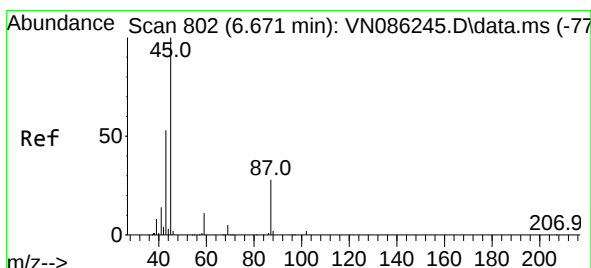
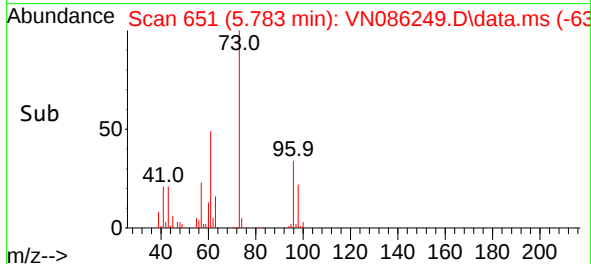
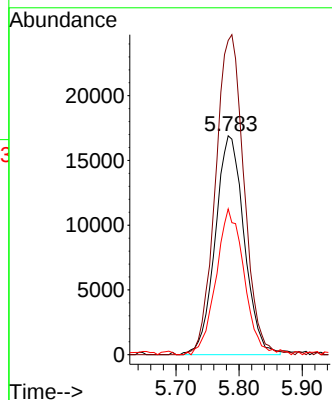
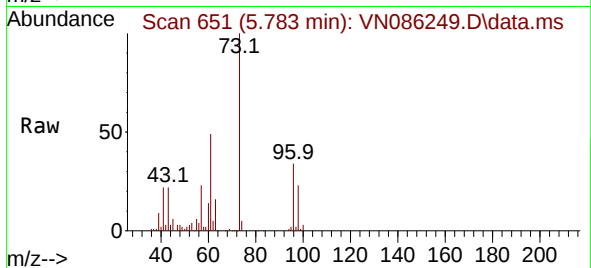
Tgt Ion: 96 Resp: 53765

Ion Ratio Lower Upper

96 100

61 143.6 115.9 173.9

98 66.6 52.1 78.1



#20

Diisopropyl ether

Concen: 21.906 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Tgt Ion: 45 Resp: 200652

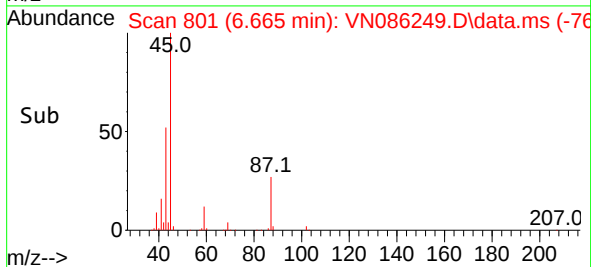
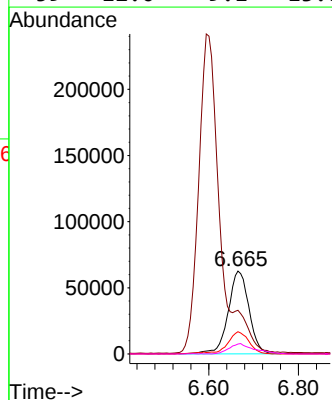
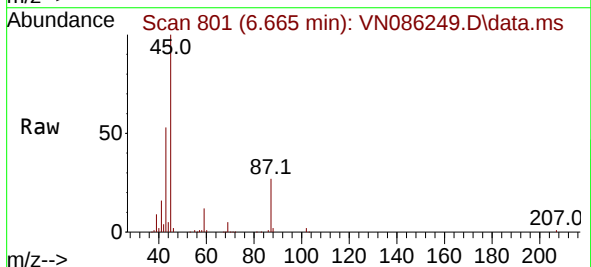
Ion Ratio Lower Upper

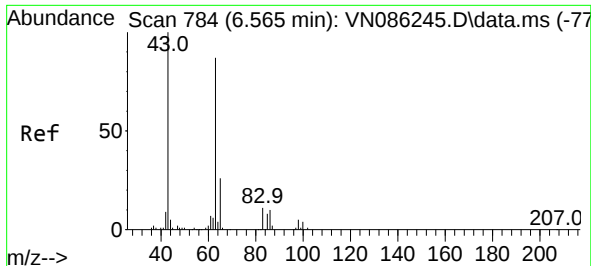
45 100

43 51.0 42.3 63.5

87 27.0 22.2 33.4

59 12.0 9.1 13.7

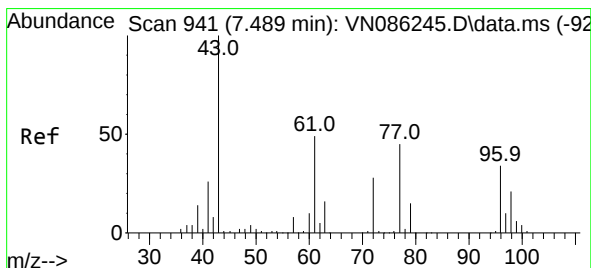
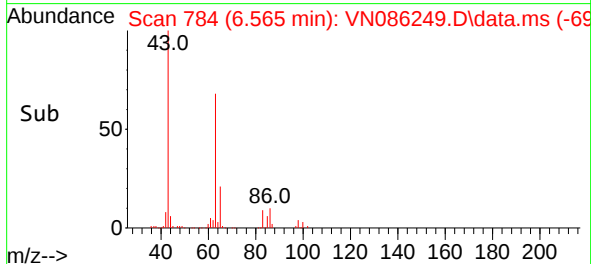
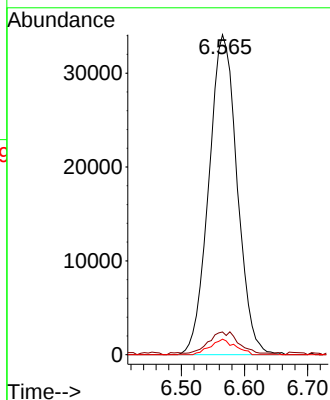
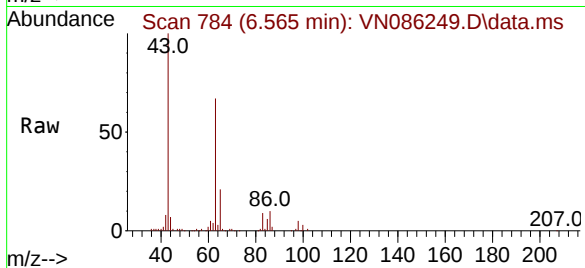




#21
1,1-Dichloroethane
Concen: 21.728 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

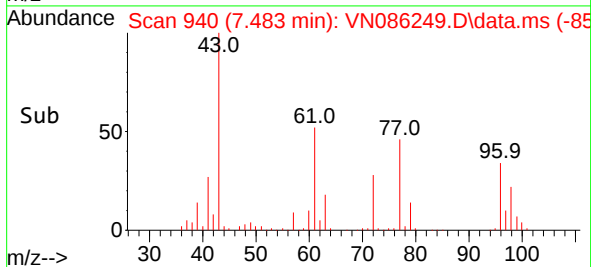
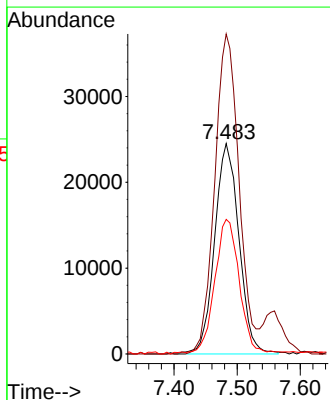
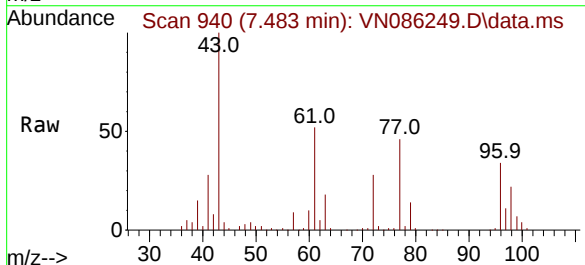
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

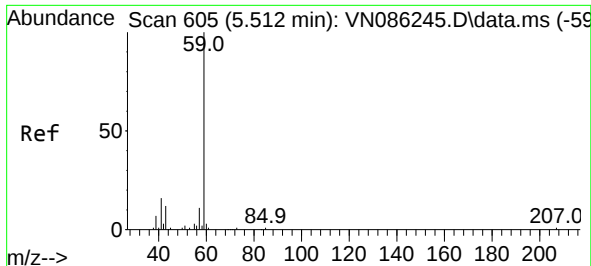
Tgt Ion: 63 Resp: 106184
Ion Ratio Lower Upper
63 100
98 6.5 3.1 9.3
100 4.9 2.3 6.9



#22
cis-1,2-Dichloroethene
Concen: 21.431 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 96 Resp: 65736
Ion Ratio Lower Upper
96 100
61 152.3 119.5 179.3
98 64.7 51.0 76.6

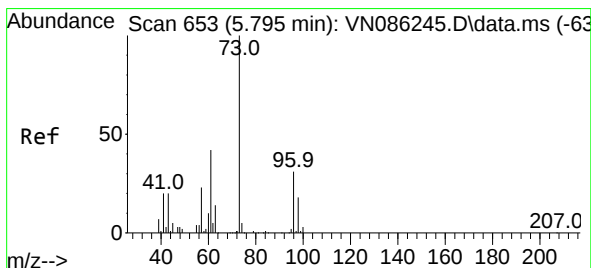
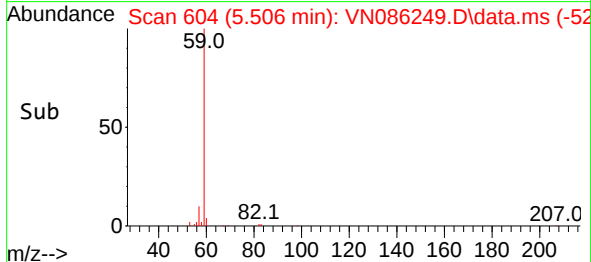
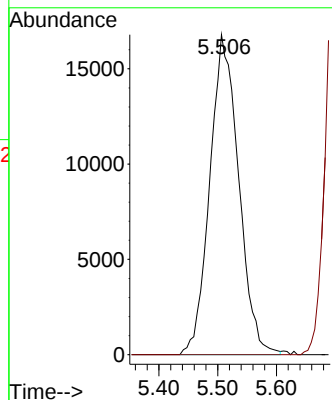
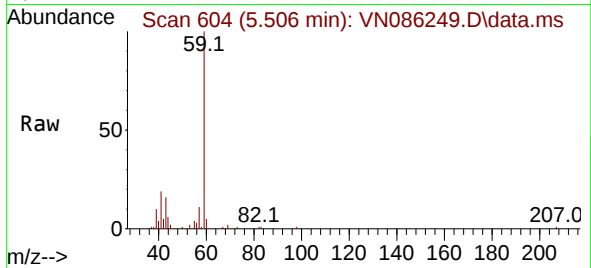




#23
tert-Butyl Alcohol
Concen: 94.827 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

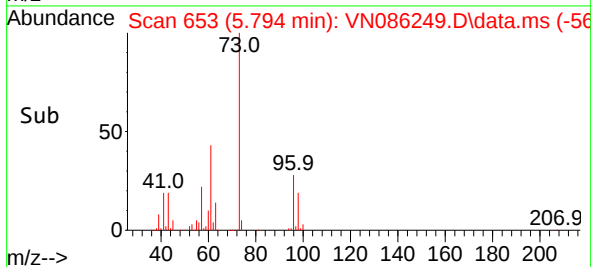
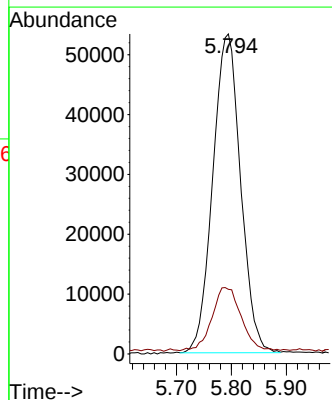
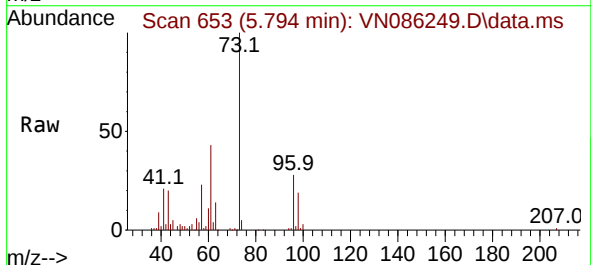
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

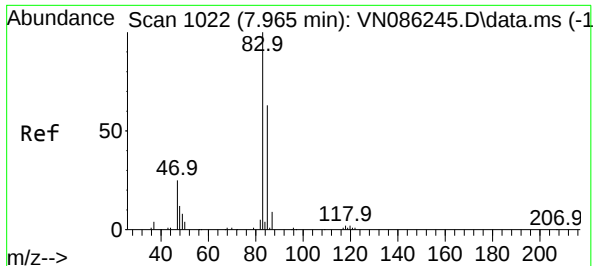
Tgt Ion: 59 Resp: 57260
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.230 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 73 Resp: 187291
Ion Ratio Lower Upper
73 100
43 20.4 16.8 25.2





#25

Chloroform

Concen: 21.684 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

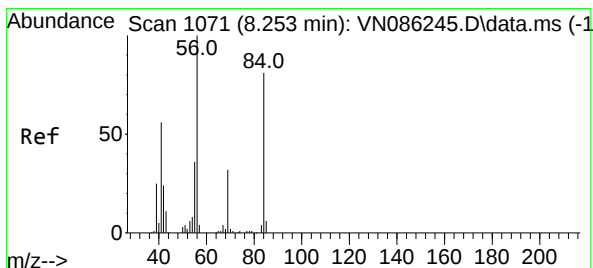
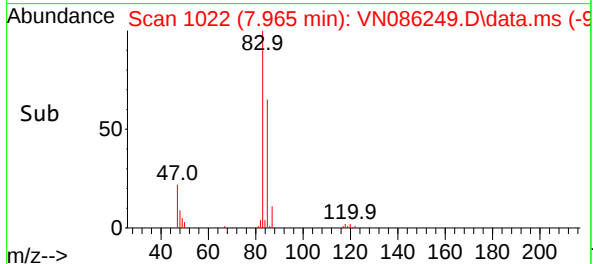
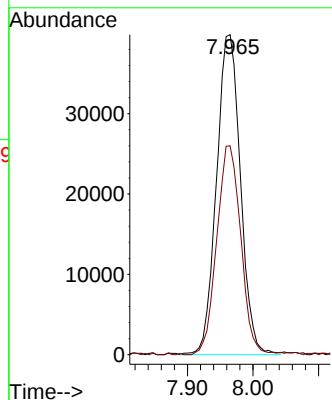
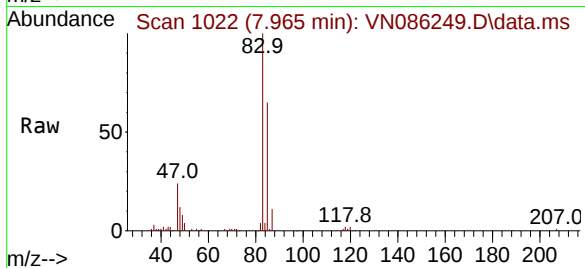
VN0411WBS01

Tgt Ion: 83 Resp: 101051

Ion Ratio Lower Upper

83 100

85 64.8 50.5 75.7



#26

Cyclohexane

Concen: 21.608 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

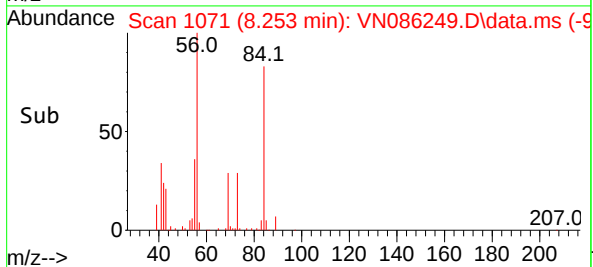
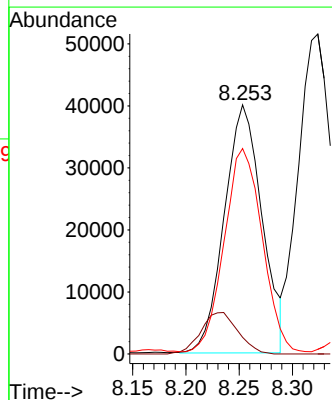
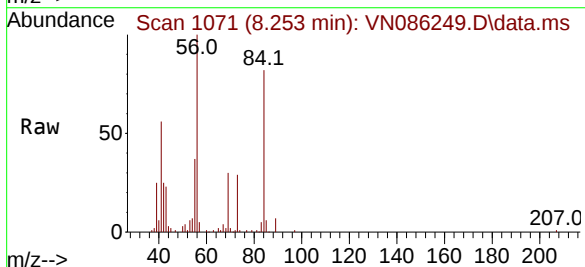
Tgt Ion: 56 Resp: 98792

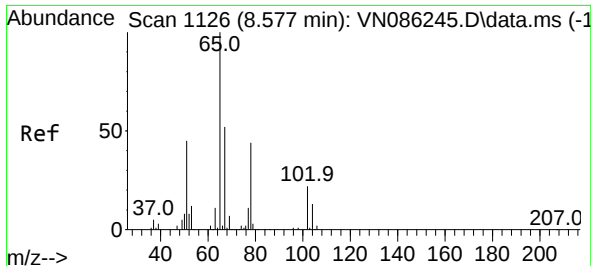
Ion Ratio Lower Upper

56 100

89 16.4 0.0 0.0#

84 84.4 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.539 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

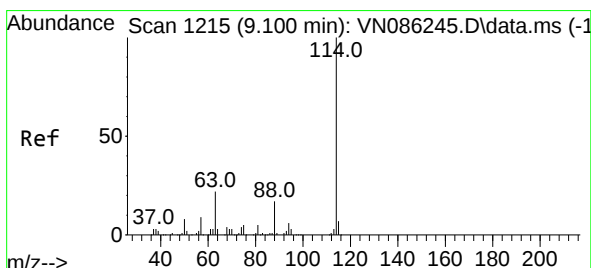
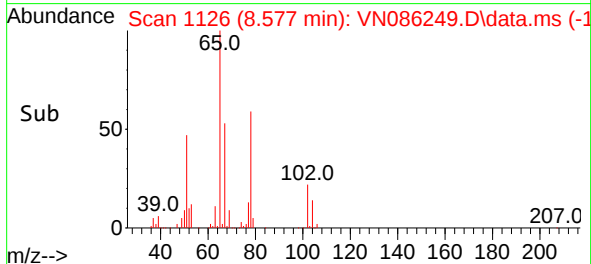
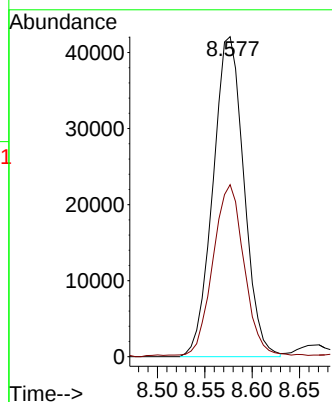
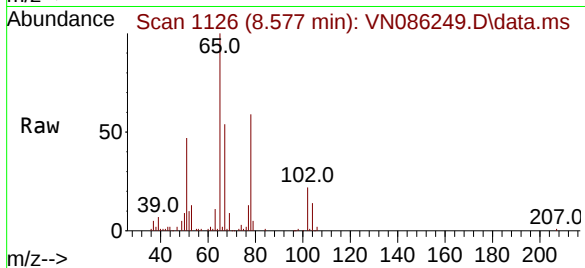
VN0411WBS01

Tgt Ion: 65 Resp: 95625

Ion Ratio Lower Upper

65 100

67 54.6 43.4 65.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

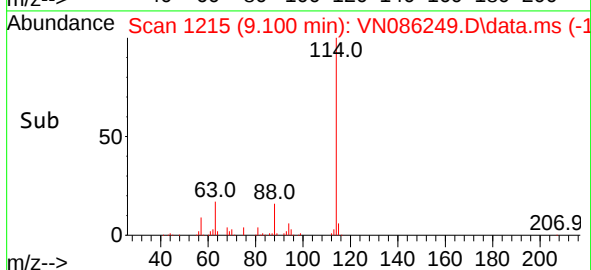
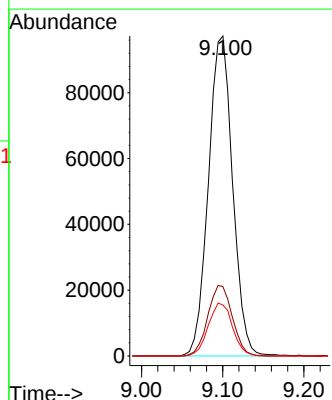
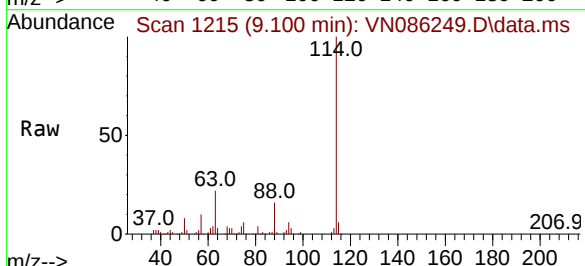
Tgt Ion: 114 Resp: 201467

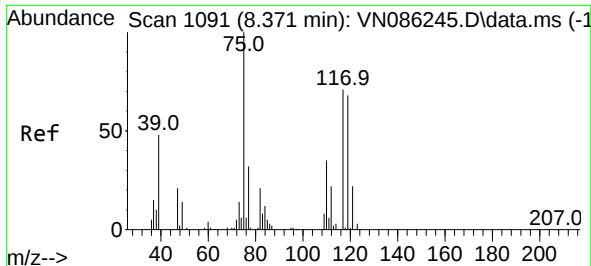
Ion Ratio Lower Upper

114 100

63 22.3 17.8 26.6

88 16.5 13.4 20.2





#29

1,1-Dichloropropene

Concen: 20.848 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

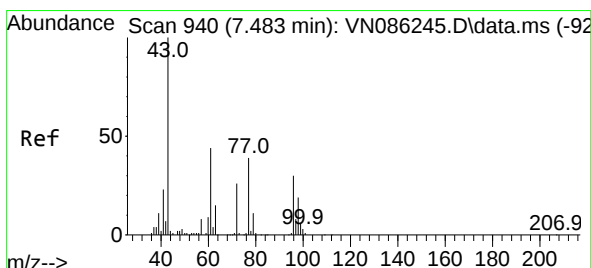
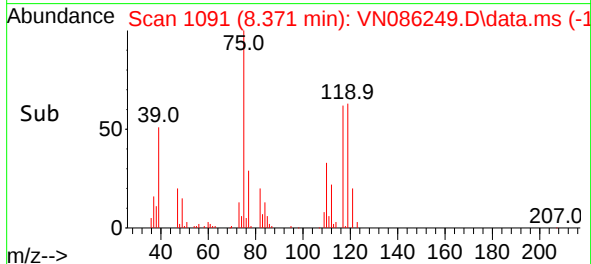
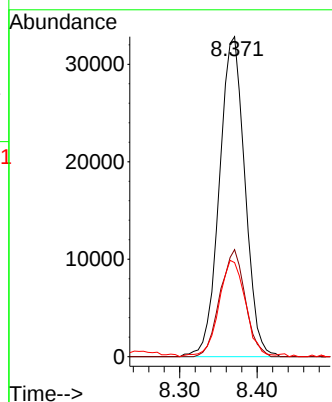
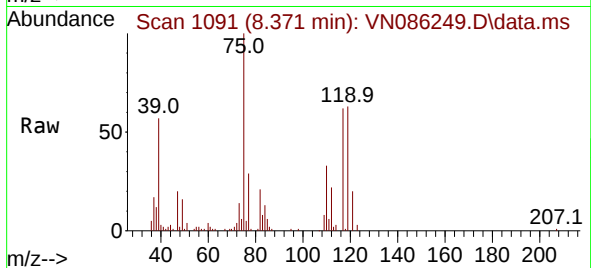
Tgt Ion: 75 Resp: 75242

Ion Ratio Lower Upper

75 100

110 33.1 0.0 68.6

77 31.4 0.0 63.8



#30

2-Butanone

Concen: 96.751 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

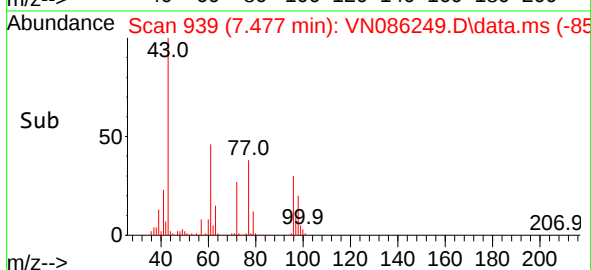
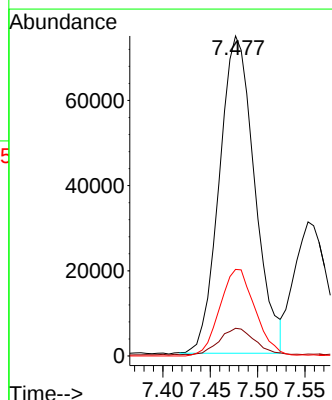
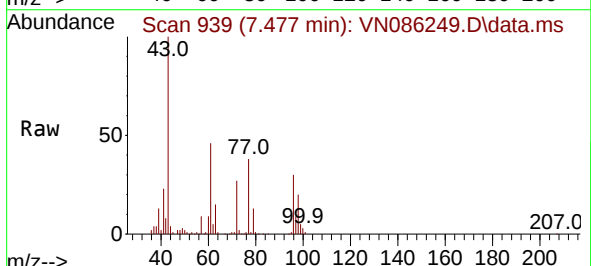
Tgt Ion: 43 Resp: 193486

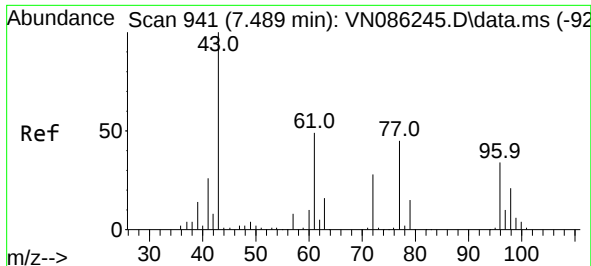
Ion Ratio Lower Upper

43 100

57 8.4 6.4 9.6

72 27.2 21.5 32.3

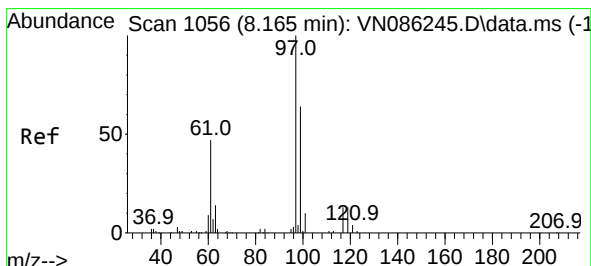
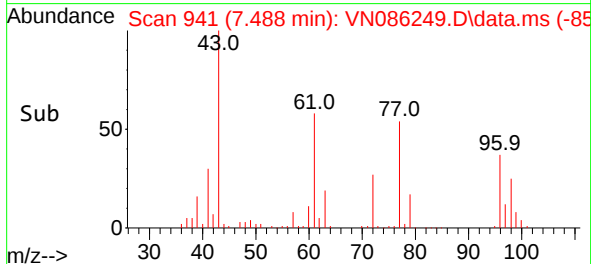
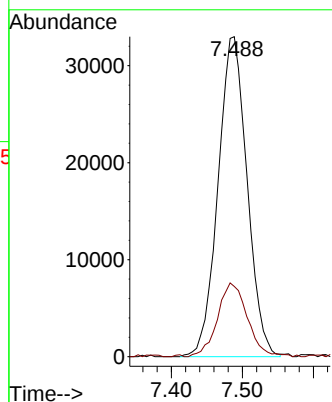
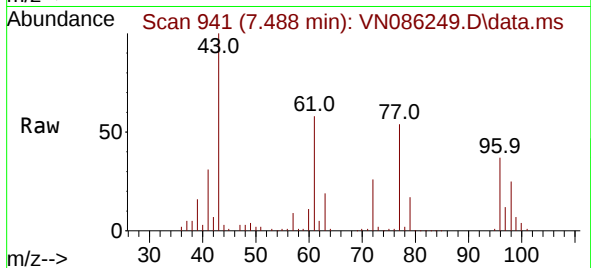




#31
2,2-Dichloropropane
Concen: 21.091 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

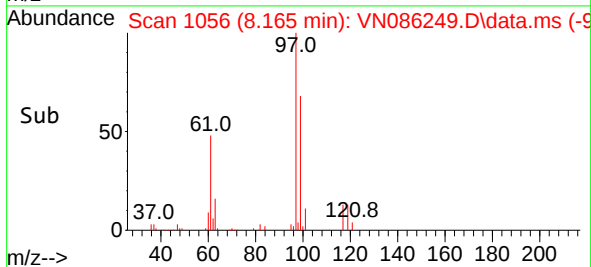
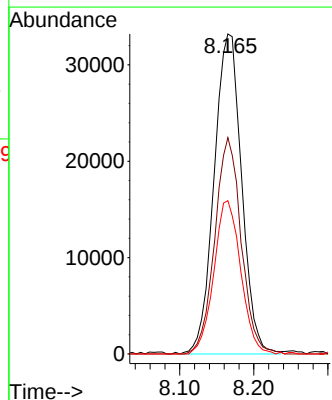
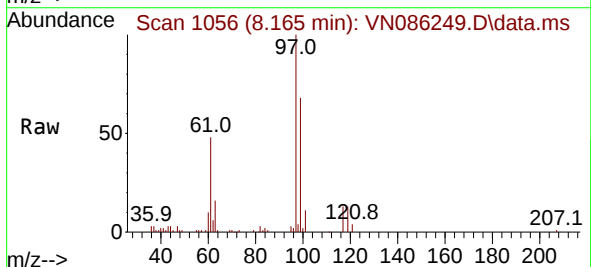
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

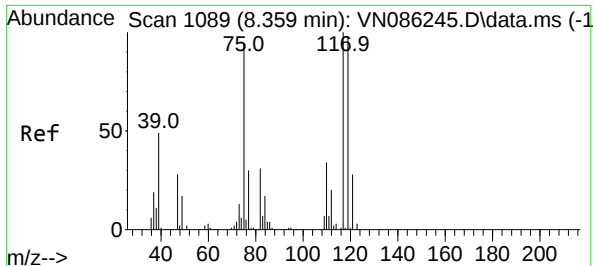
Tgt Ion: 77 Resp: 93697
Ion Ratio Lower Upper
77 100
97 23.5 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 20.651 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 97 Resp: 85736
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 46.7 37.0 55.6

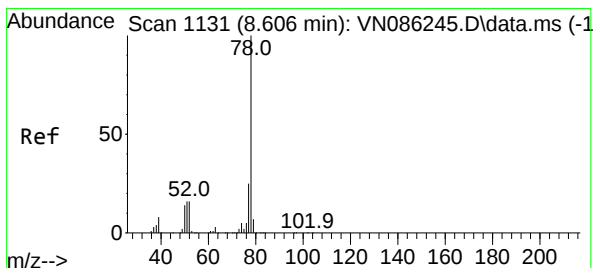
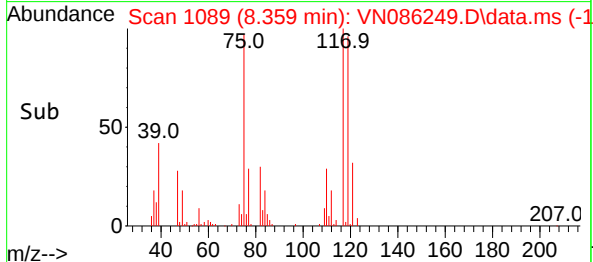
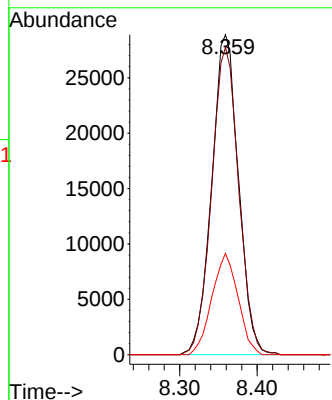
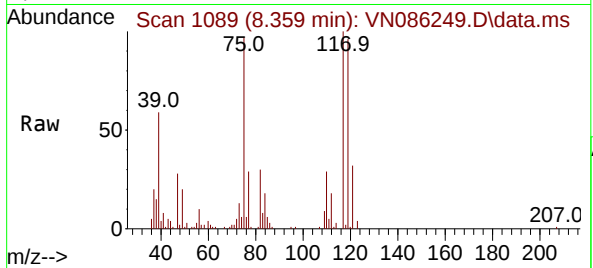




#33
Carbon Tetrachloride
Concen: 20.895 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

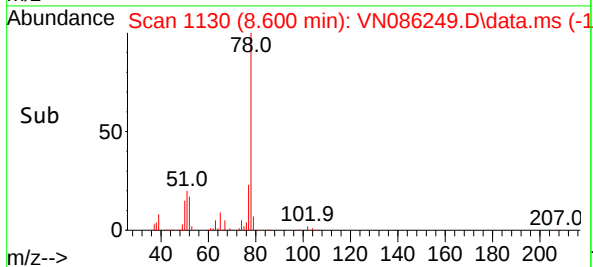
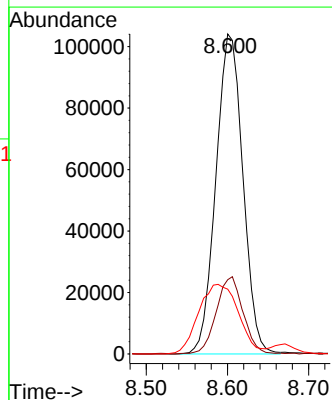
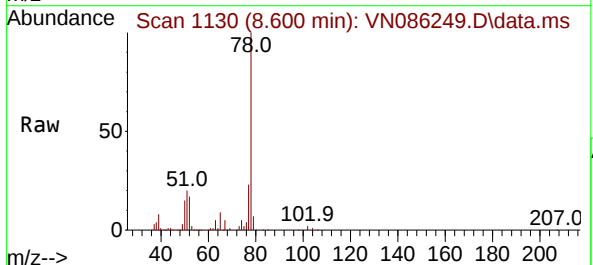
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

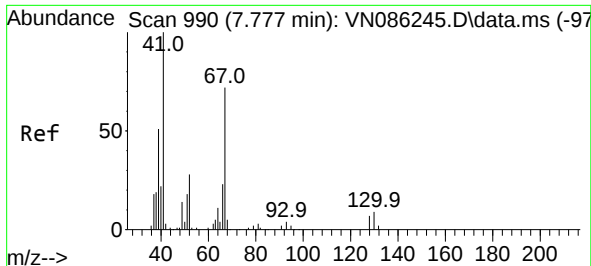
Tgt Ion:117 Resp: 69324
Ion Ratio Lower Upper
117 100
119 96.0 78.3 117.5
121 31.6 22.5 33.7



#34
Benzene
Concen: 20.972 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 78 Resp: 240800
Ion Ratio Lower Upper
78 100
77 23.0 20.0 30.0
51 19.1 12.9 19.3

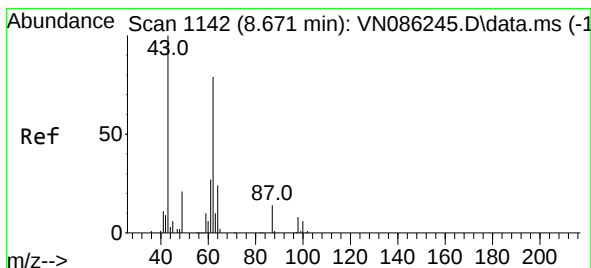
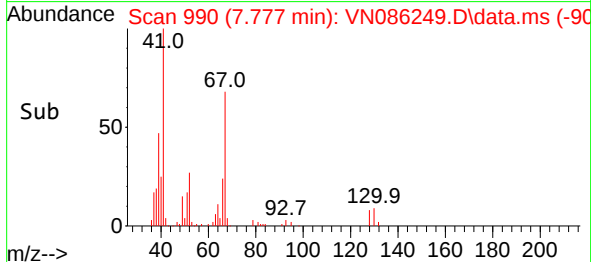
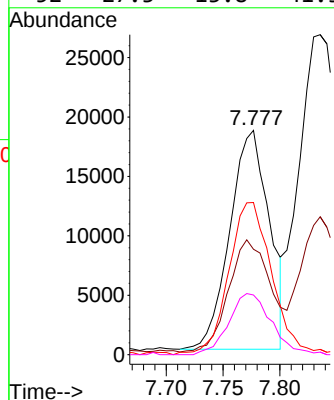
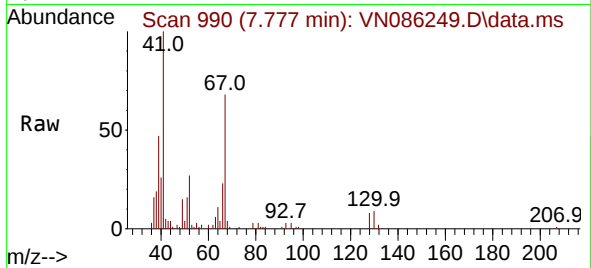




#35
Methacrylonitrile
Concen: 19.760 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

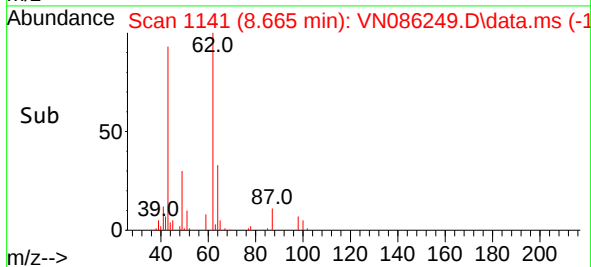
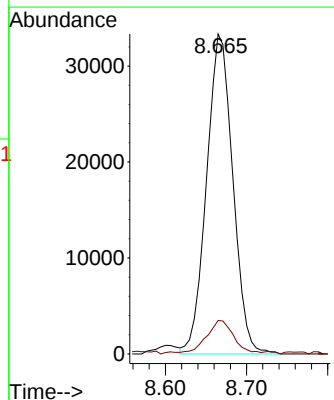
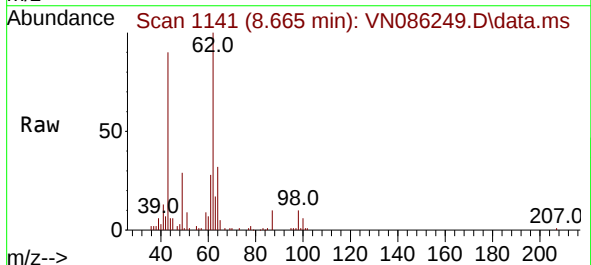
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

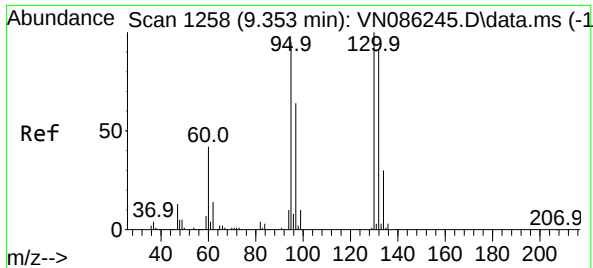
Tgt Ion:	41	Resp:	44549
Ion	Ratio	Lower	Upper
41	100		
39	47.0	25.8	77.3
67	68.5	36.0	108.0
52	27.3	13.8	41.3



#36
1,2-Dichloroethane
Concen: 20.892 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion:	62	Resp:	75064
Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.6	12.8





#37

Trichloroethene

Concen: 20.150 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

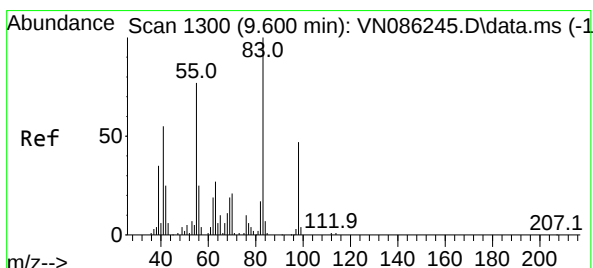
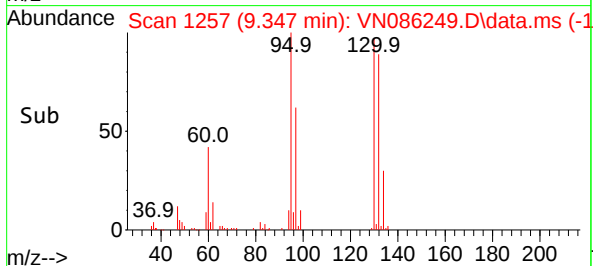
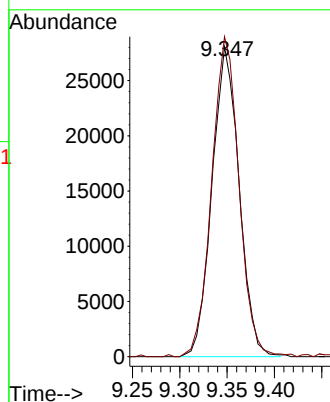
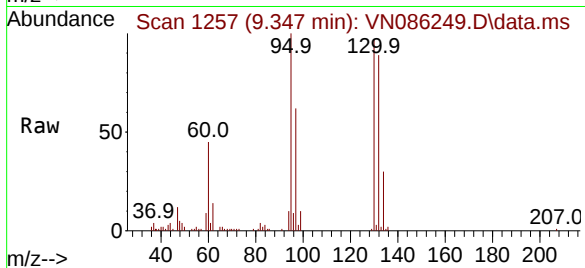
VN0411WBS01

Tgt Ion:130 Resp: 55823

Ion Ratio Lower Upper

130 100

95 103.2 76.4 114.6



#38

Methylcyclohexane

Concen: 20.887 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

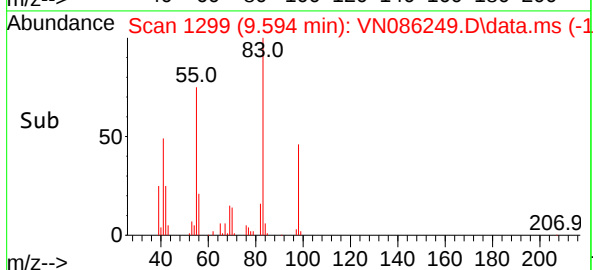
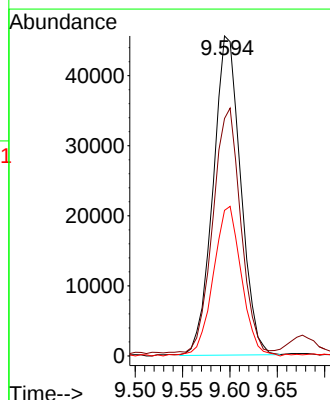
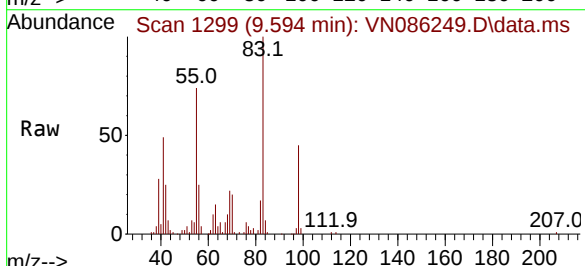
Tgt Ion: 83 Resp: 92449

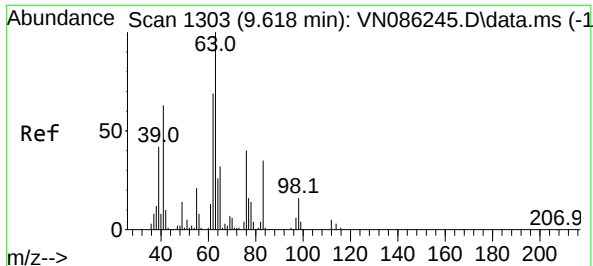
Ion Ratio Lower Upper

83 100

55 77.4 38.5 115.5

98 47.6 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.876 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

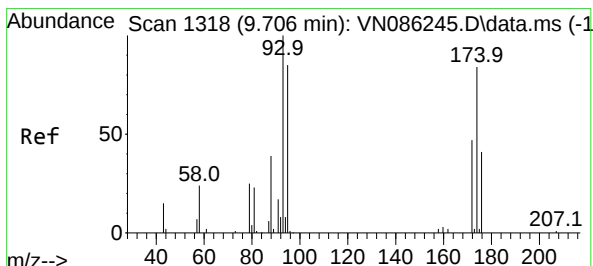
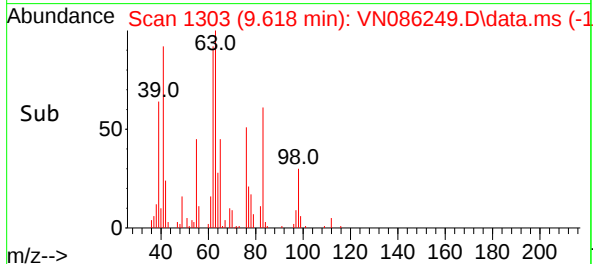
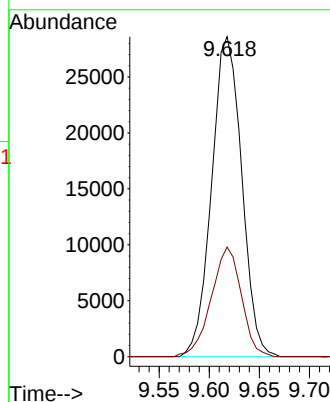
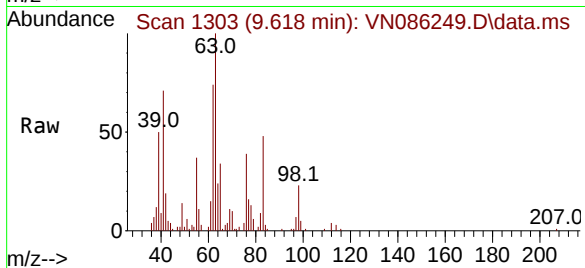
VN0411WBS01

Tgt Ion: 63 Resp: 59643

Ion Ratio Lower Upper

63 100

65 34.2 26.0 39.0



#40

Dibromomethane

Concen: 20.021 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

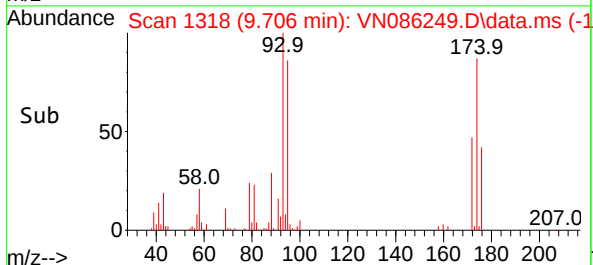
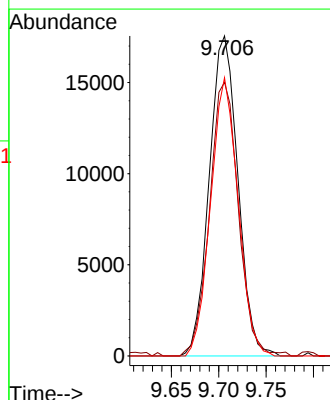
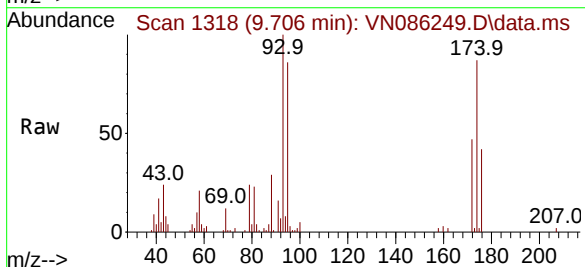
Tgt Ion: 93 Resp: 36945

Ion Ratio Lower Upper

93 100

95 85.6 0.0 169.0

174 83.5 0.0 168.0

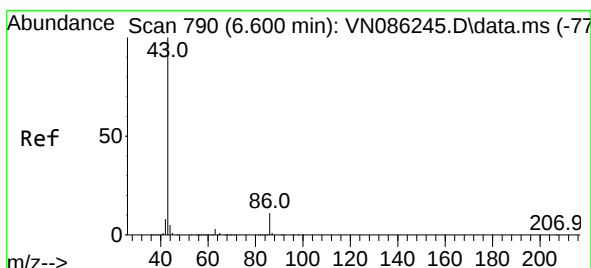
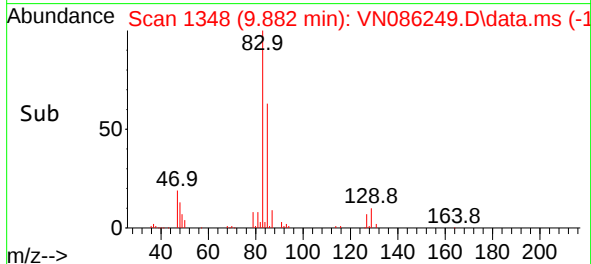
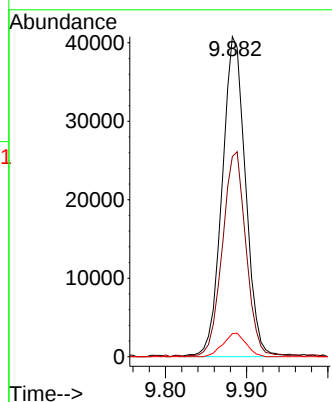
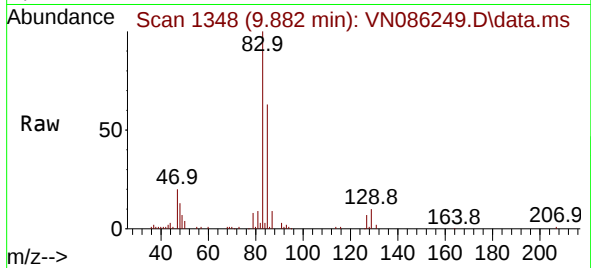




#41
Bromodichloromethane
Concen: 20.598 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

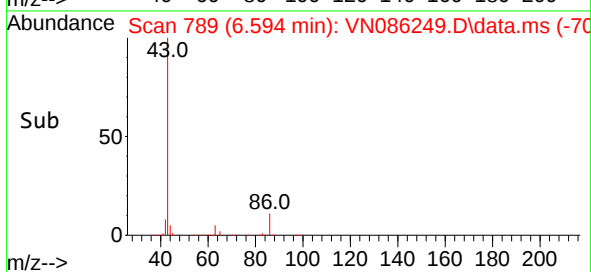
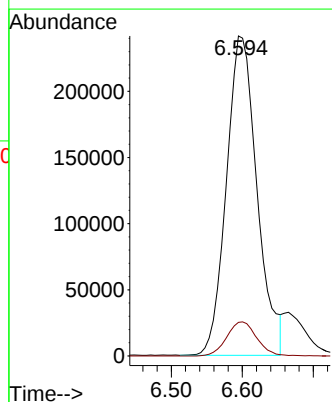
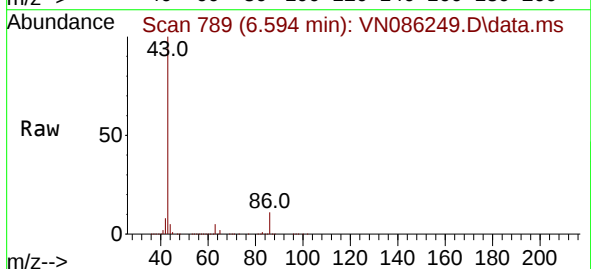
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

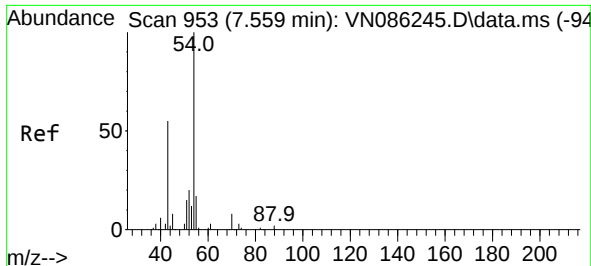
Tgt Ion: 83 Resp: 81655
Ion Ratio Lower Upper
83 100
85 62.1 50.2 75.2
127 7.2 6.2 9.4



#42
Vinyl Acetate
Concen: 106.292 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 43 Resp: 723573
Ion Ratio Lower Upper
43 100
86 10.4 8.4 12.6

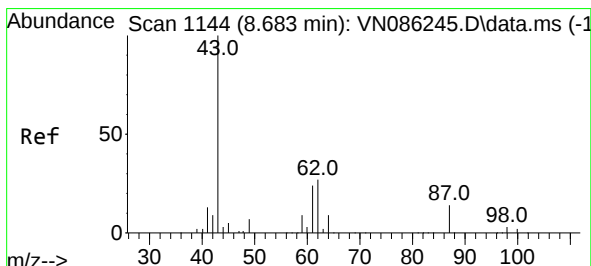
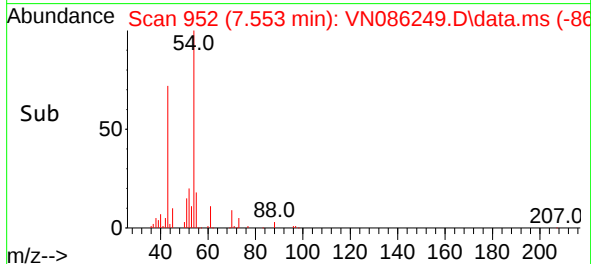
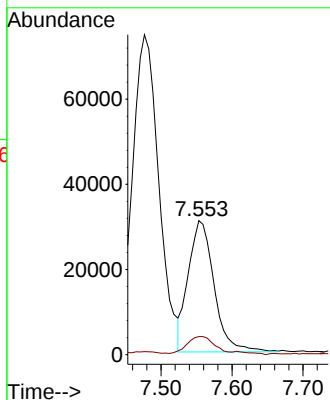
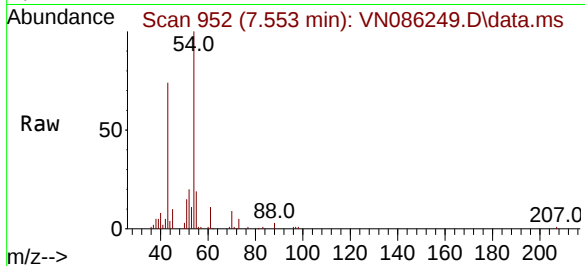




#43
Ethyl Acetate
Concen: 19.328 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

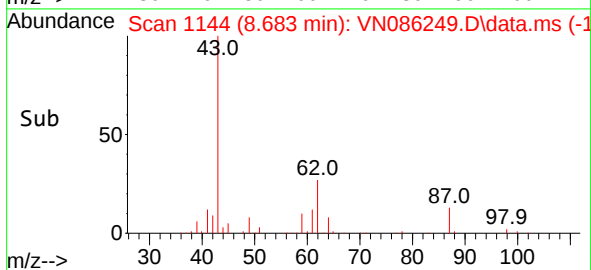
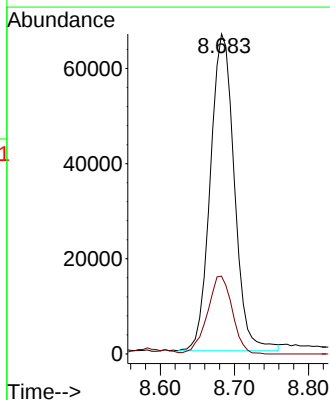
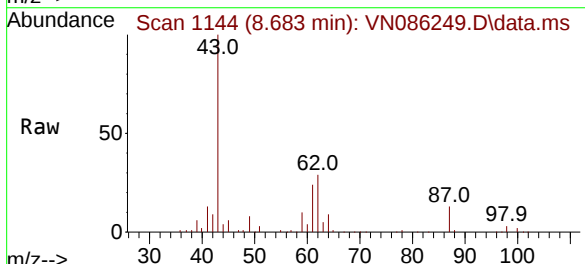
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

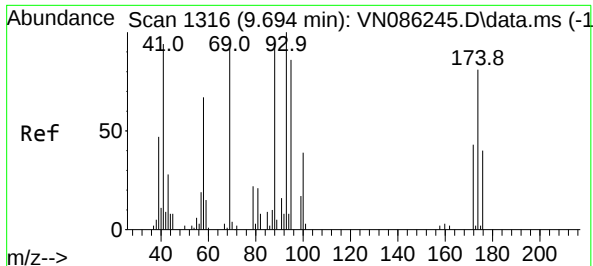
Tgt Ion: 43 Resp: 77965
Ion Ratio Lower Upper
43 100
45 13.2 11.2 16.8



#44
Isopropyl Acetate
Concen: 20.046 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 43 Resp: 150010
Ion Ratio Lower Upper
43 100
61 24.9 20.5 30.7





#45

1,4-Dioxane

Concen: 366.878 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

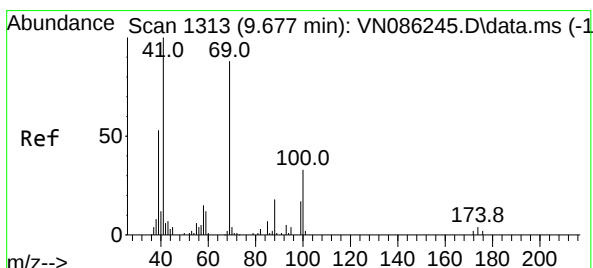
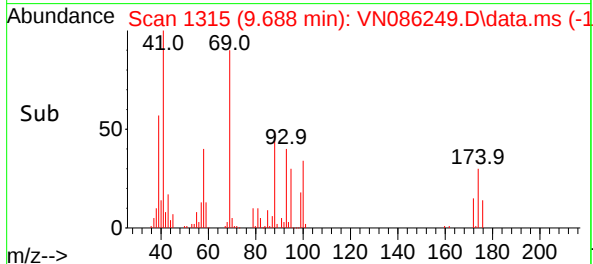
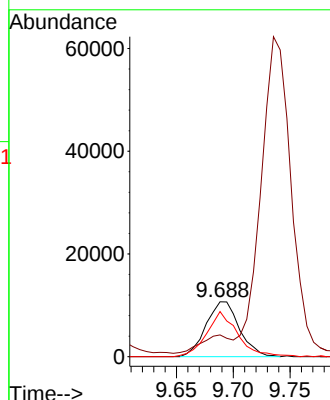
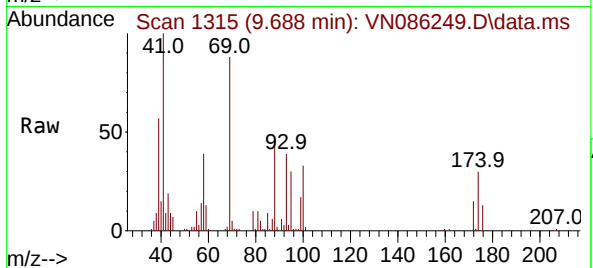
Tgt Ion: 88 Resp: 21831

Ion Ratio Lower Upper

88 100

43 30.1 14.4 21.6#

58 76.8 59.8 89.8



#46

Methyl methacrylate

Concen: 20.193 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

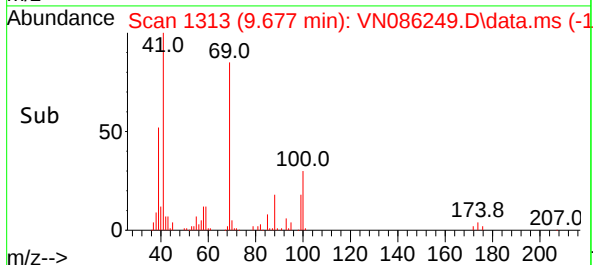
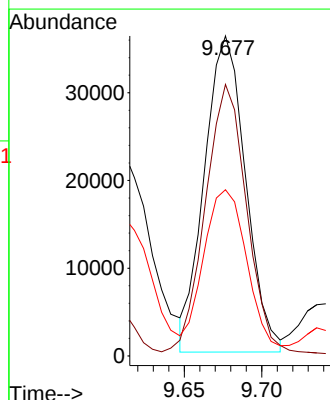
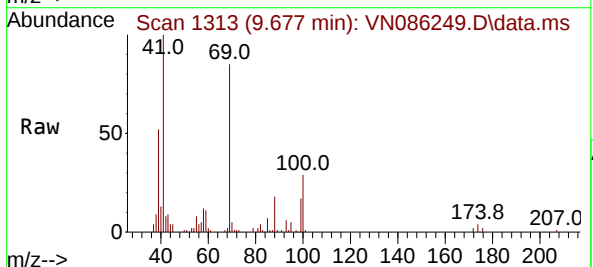
Tgt Ion: 41 Resp: 66579

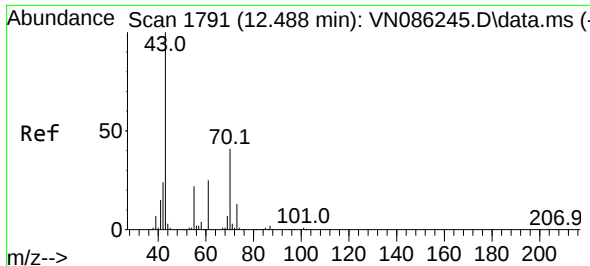
Ion Ratio Lower Upper

41 100

69 85.8 43.2 129.6

39 51.3 26.4 79.0

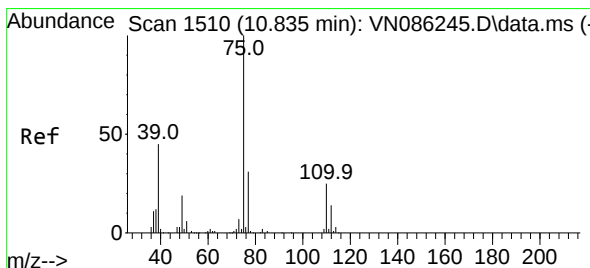
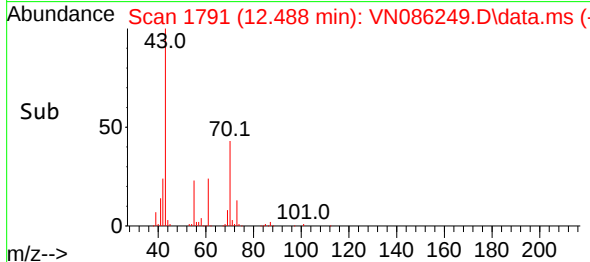
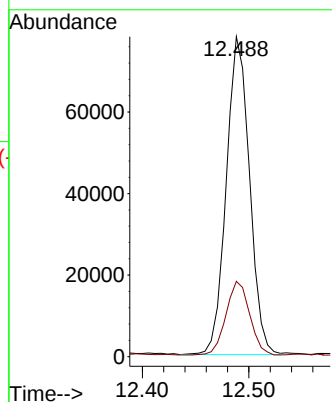
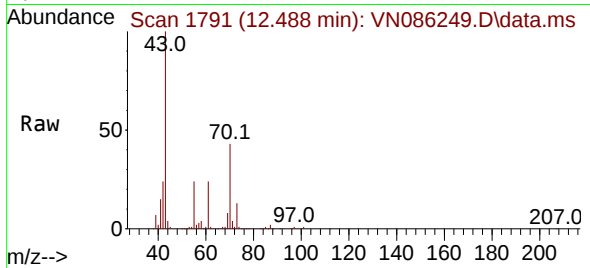




#47
n-amy1 Acetate
Concen: 19.943 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

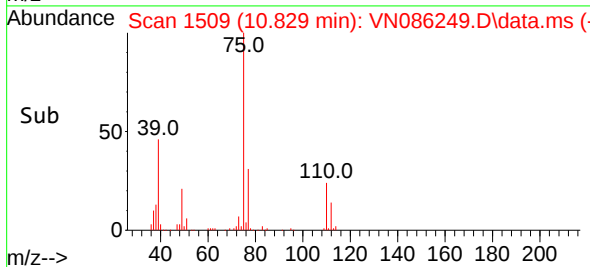
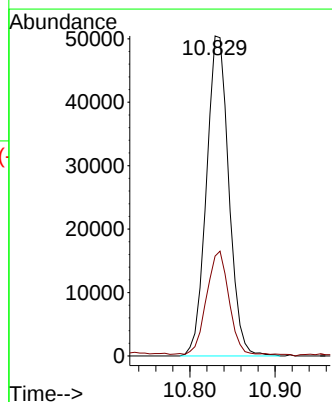
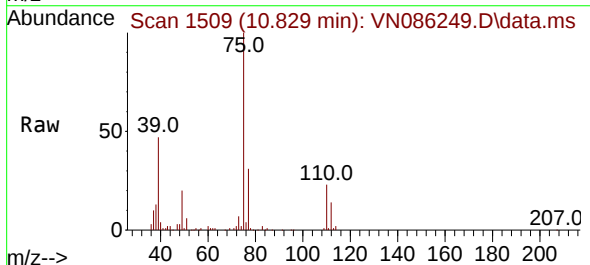
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

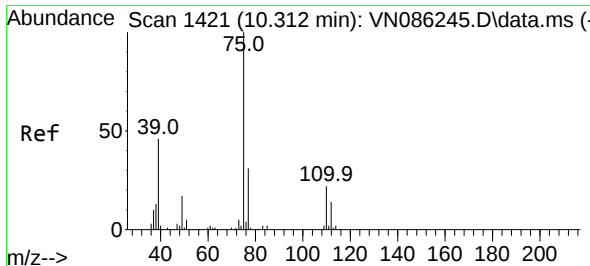
Tgt Ion: 43 Resp: 118327
Ion Ratio Lower Upper
43 100
55 23.5 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 20.541 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 75 Resp: 92056
Ion Ratio Lower Upper
75 100
77 30.7 25.1 37.7

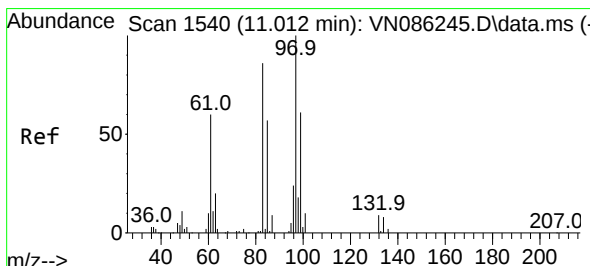
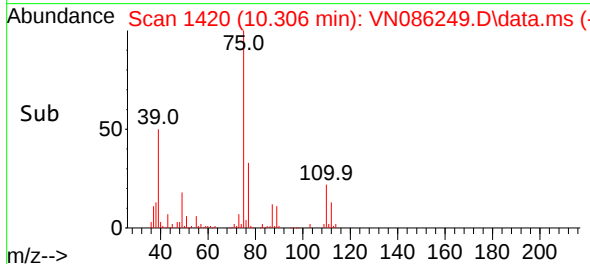
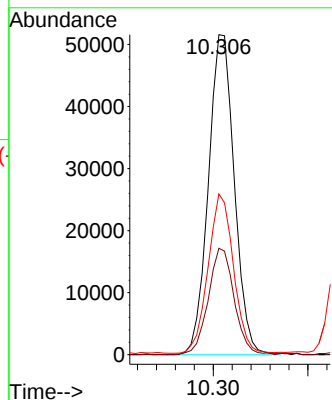
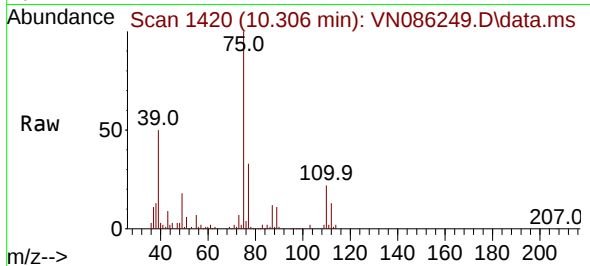




#49
 cis-1,3-Dichloropropene
 Concen: 20.682 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

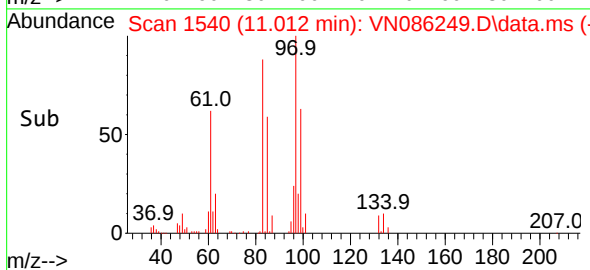
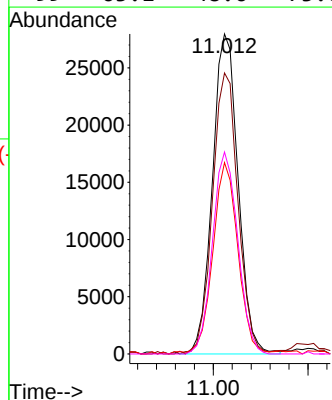
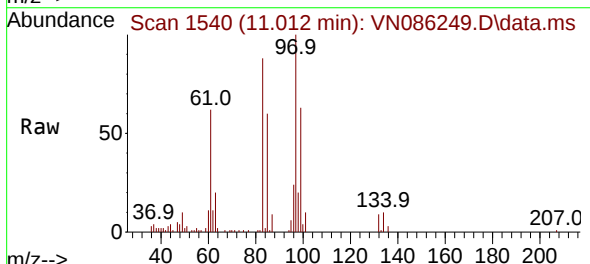
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

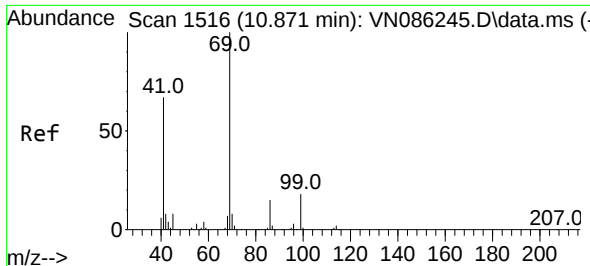
Tgt Ion: 75 Resp: 98100
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.4
 39 49.8 36.7 55.1



#50
 1,1,2-Trichloroethane
 Concen: 20.382 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

Tgt Ion: 97 Resp: 52750
 Ion Ratio Lower Upper
 97 100
 83 87.0 68.6 103.0
 85 59.1 45.9 68.9
 99 63.1 48.6 73.0

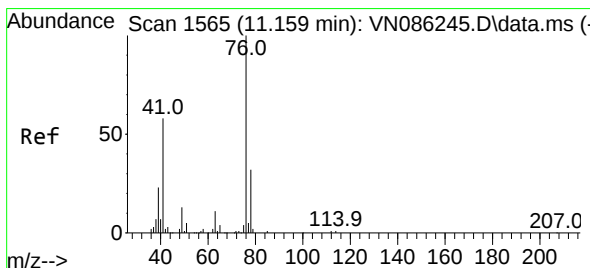
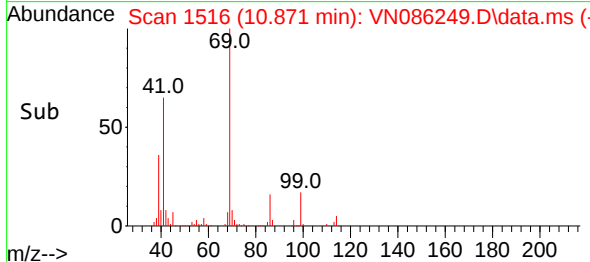
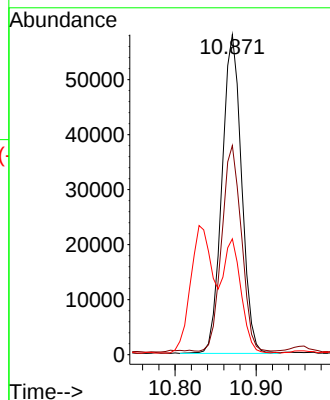
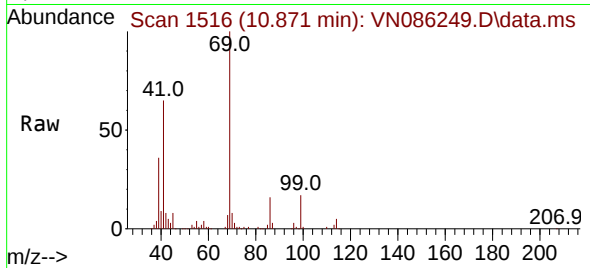




#51
Ethyl methacrylate
Concen: 20.222 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

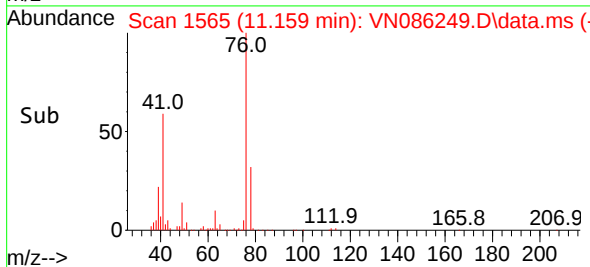
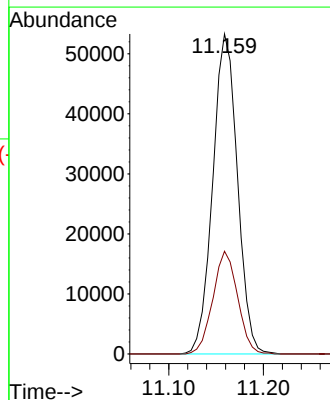
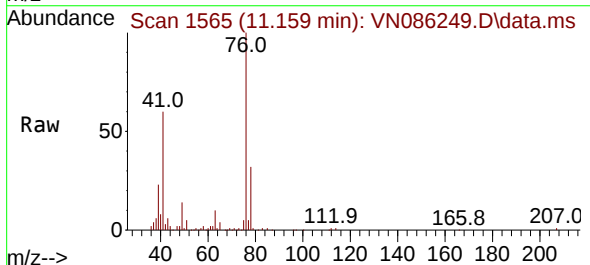
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

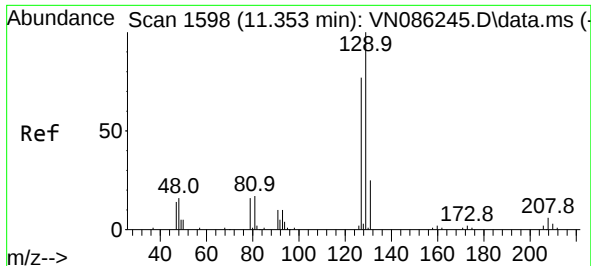
Tgt Ion: 69 Resp: 97258
Ion Ratio Lower Upper
69 100
41 64.3 33.6 100.6
39 35.9 17.8 53.4



#52
1,3-Dichloropropane
Concen: 20.938 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 76 Resp: 96585
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.6

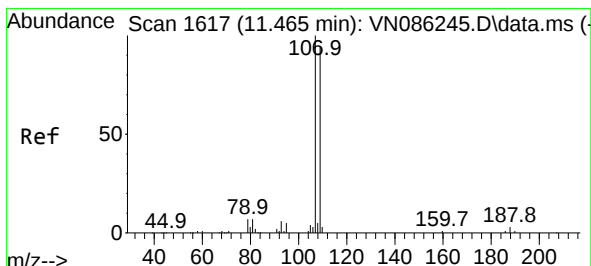
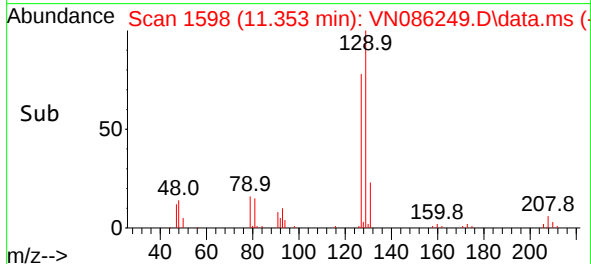
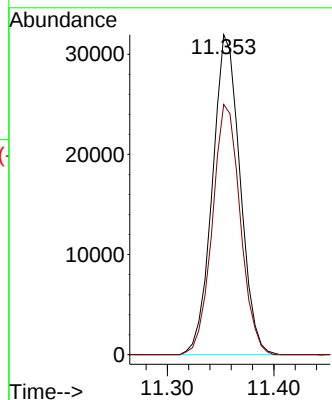
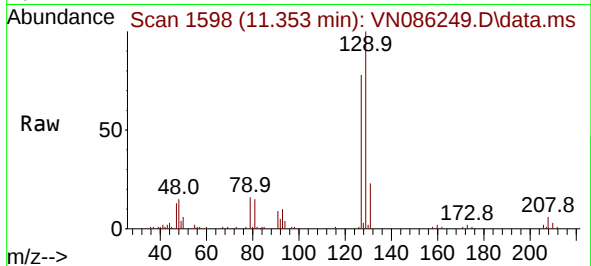




#53
Dibromochloromethane
Concen: 20.369 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

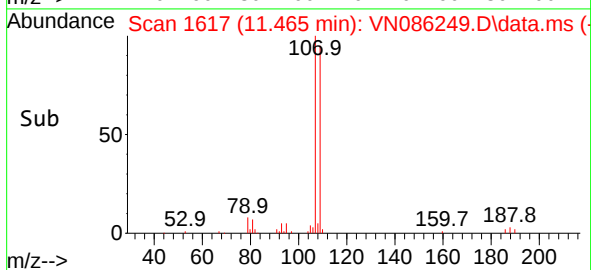
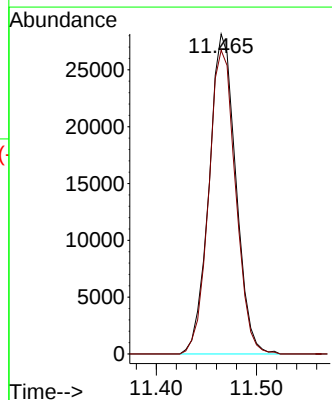
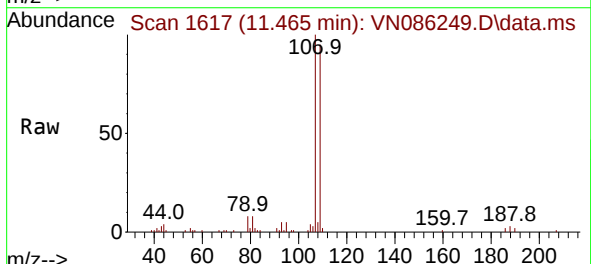
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

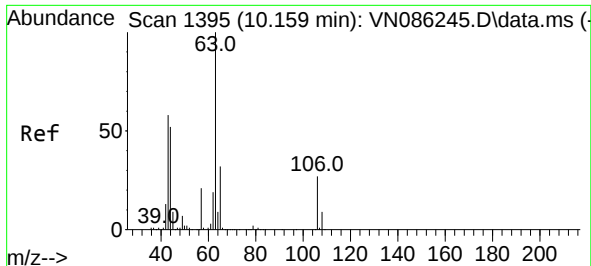
Tgt Ion:129 Resp: 57663
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5



#54
1,2-Dibromoethane
Concen: 20.012 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion:107 Resp: 52283
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

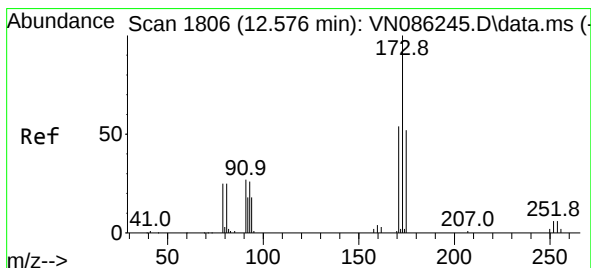
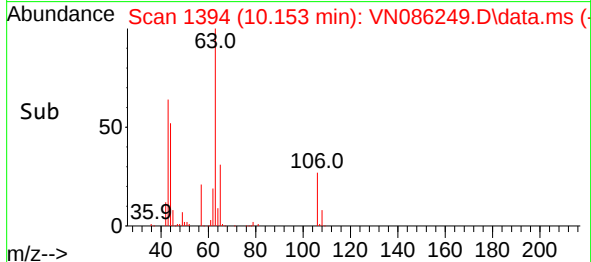
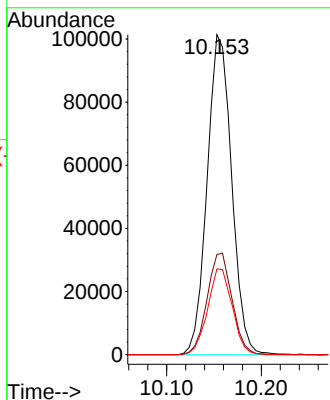
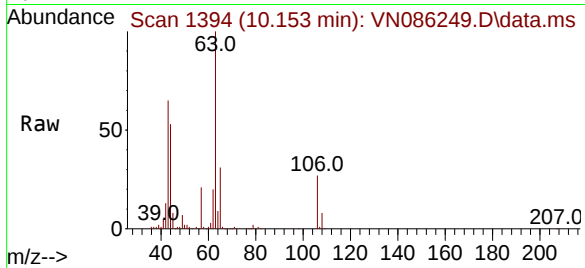




#55
2-Chloroethyl vinyl ether
Concen: 100.309 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

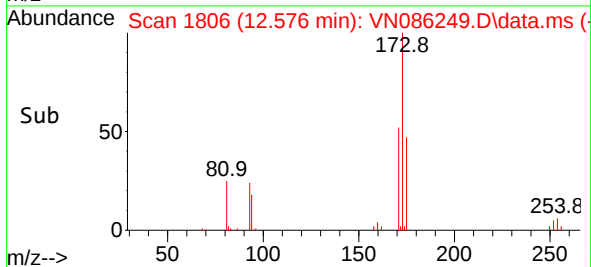
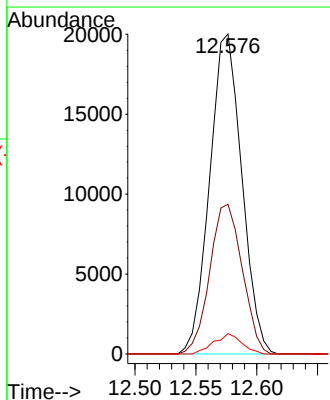
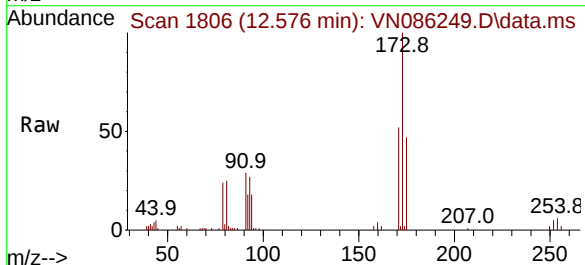
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

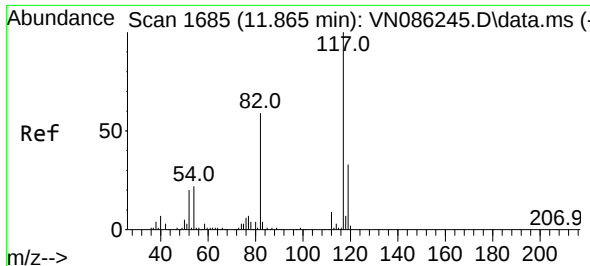
Tgt Ion: 63 Resp: 182299
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.8
106 27.0 21.8 32.8



#56
Bromoform
Concen: 19.864 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 173 Resp: 36790
Ion Ratio Lower Upper
173 100
175 47.3 38.2 57.4
254 5.5 4.5 6.7

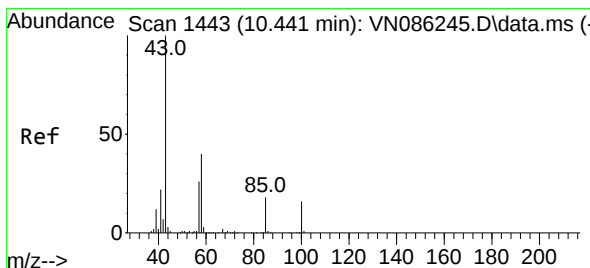
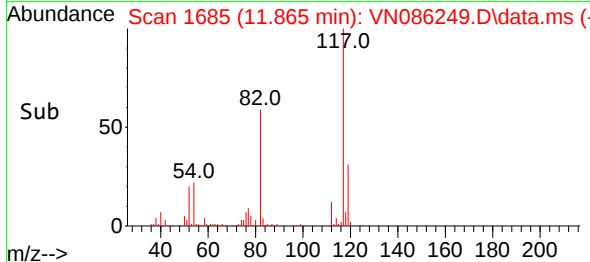
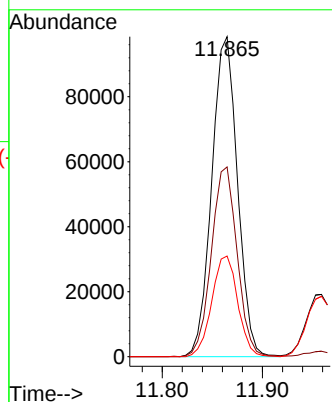
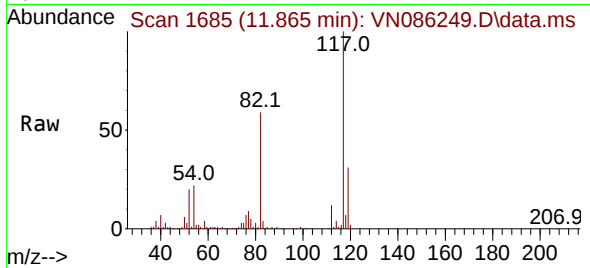




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

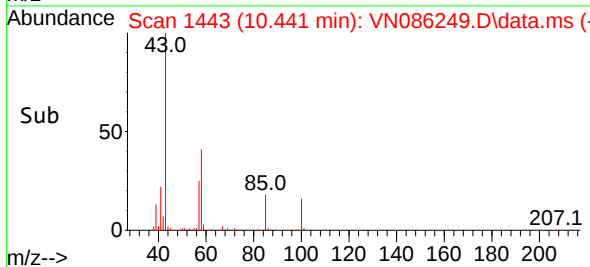
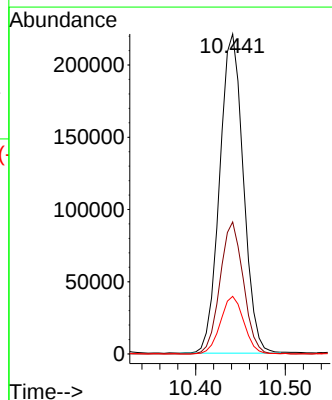
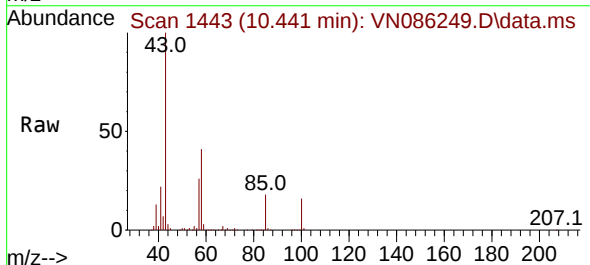
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

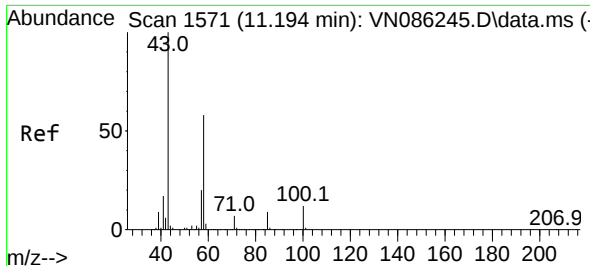
Tgt Ion:117 Resp: 175632
Ion Ratio Lower Upper
117 100
82 59.5 47.3 70.9
119 31.8 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 101.770 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 43 Resp: 405618
Ion Ratio Lower Upper
43 100
58 40.6 32.5 48.7
85 17.9 14.4 21.6

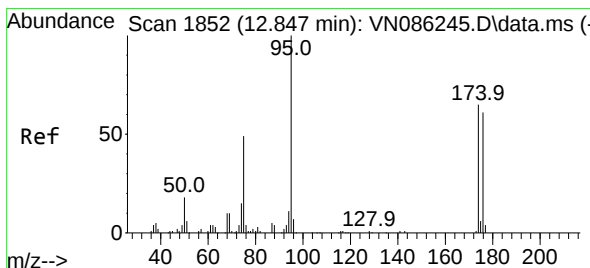
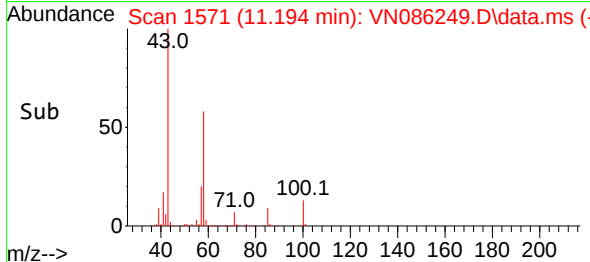
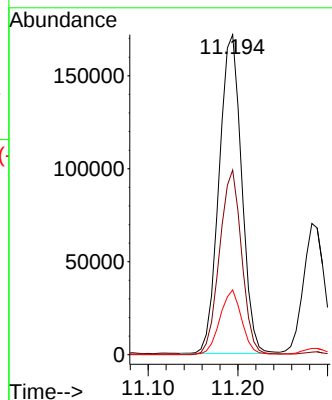
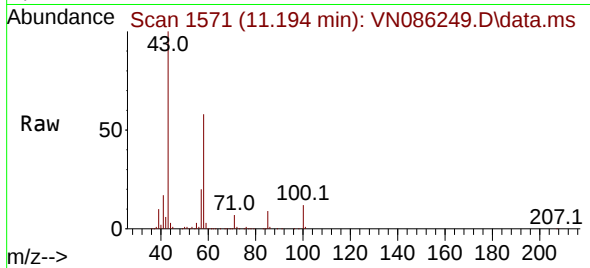




#59
2-Hexanone
Concen: 100.637 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

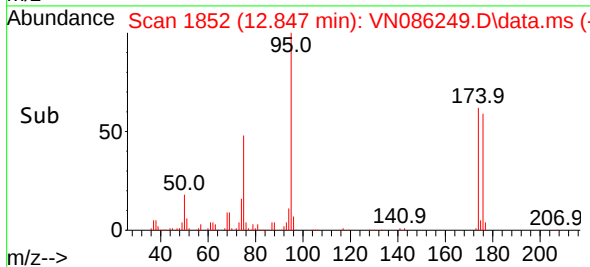
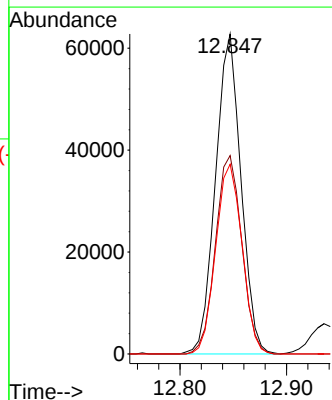
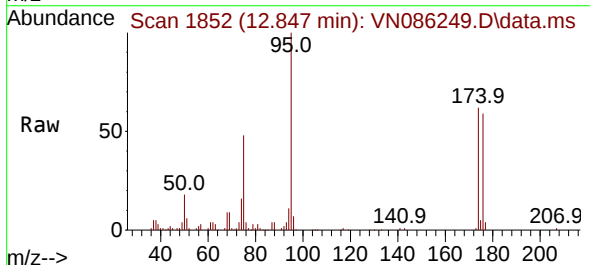
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

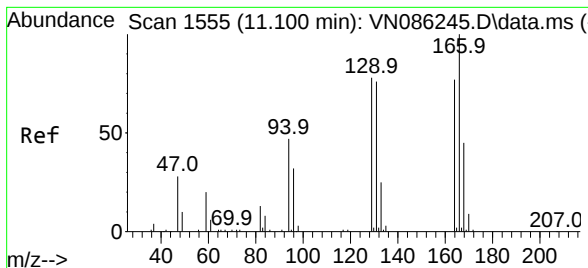
Tgt Ion: 43 Resp: 298673
Ion Ratio Lower Upper
43 100
58 56.8 45.3 67.9
57 19.3 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.838 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 95 Resp: 104335
Ion Ratio Lower Upper
95 100
174 63.9 52.7 79.1
176 61.2 49.8 74.8





#61

Tetrachloroethene

Concen: 20.949 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

Tgt Ion:164 Resp: 54335

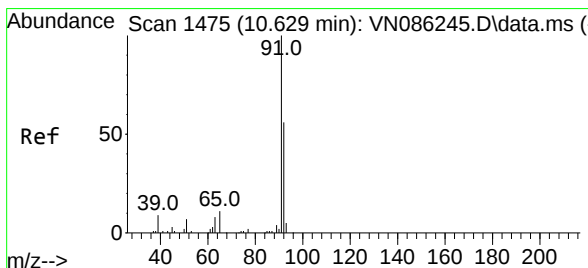
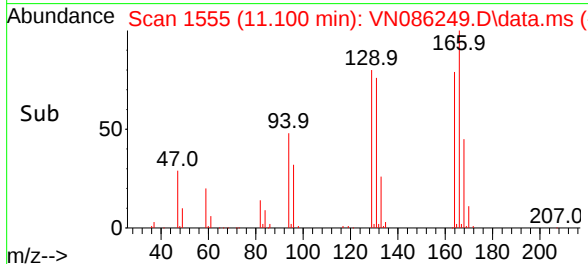
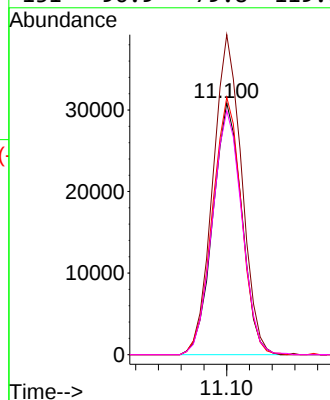
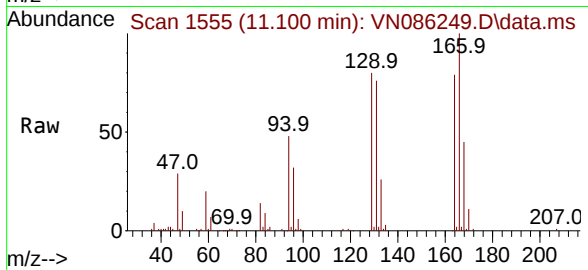
Ion Ratio Lower Upper

164 100

166 127.2 104.5 156.7

129 102.3 81.7 122.5

131 96.9 79.8 119.6



#62

Toluene

Concen: 21.355 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN086249.D

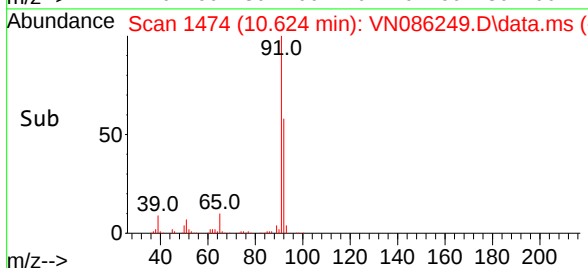
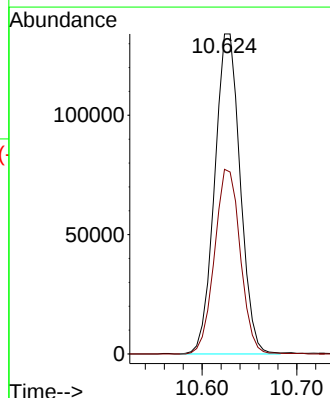
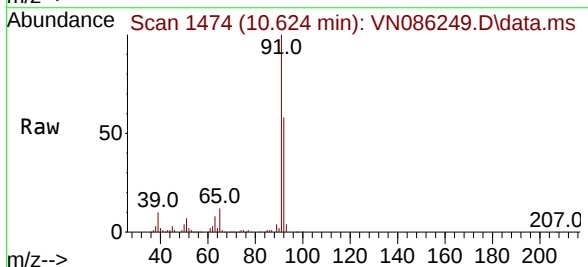
Acq: 11 Apr 2025 14:38

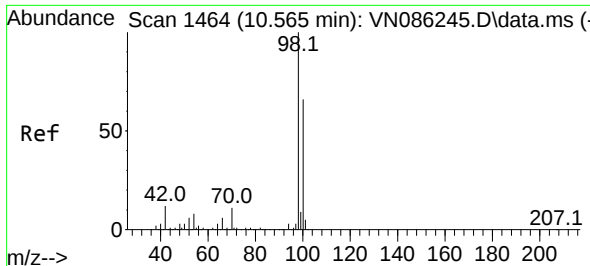
Tgt Ion: 91 Resp: 251566

Ion Ratio Lower Upper

91 100

92 58.1 46.8 70.2

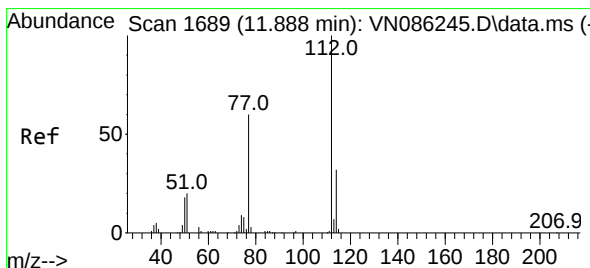
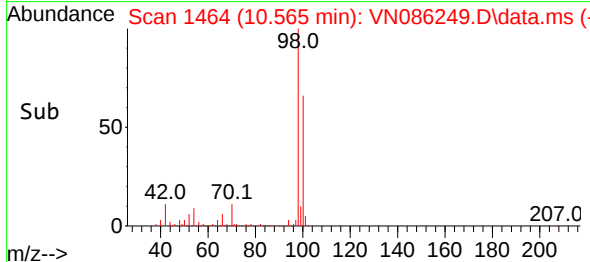
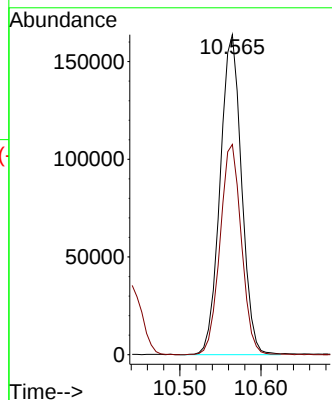
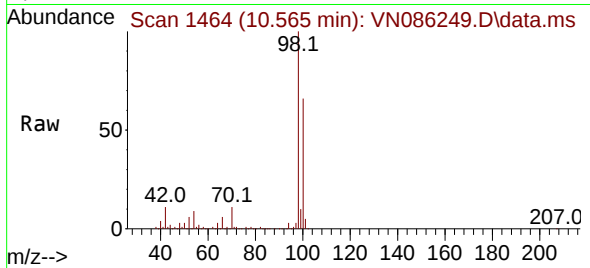




#63
Toluene-d8
Concen: 30.325 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

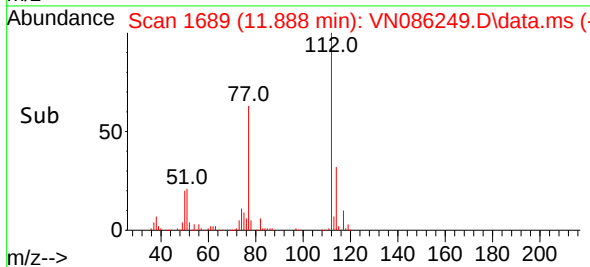
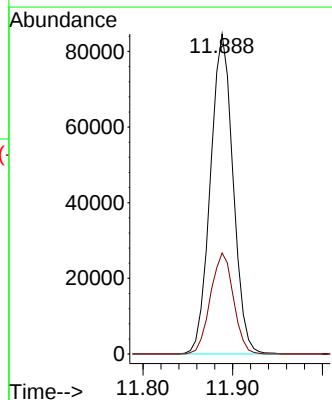
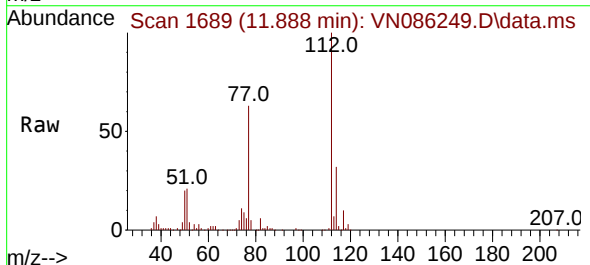
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

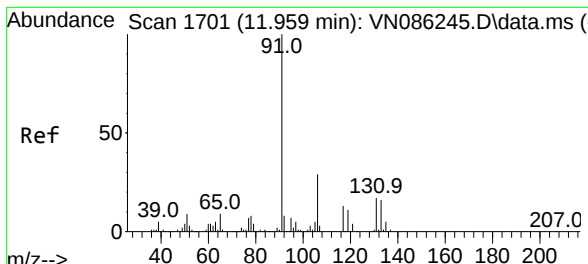
Tgt Ion: 98 Resp: 300690
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#64
Chlorobenzene
Concen: 20.597 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 112 Resp: 148243
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

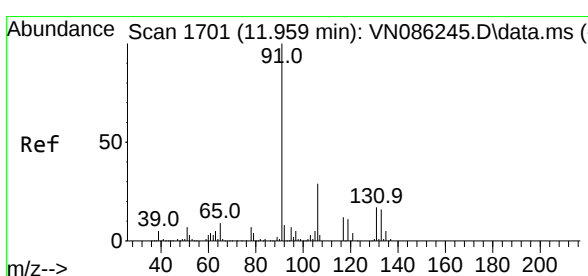
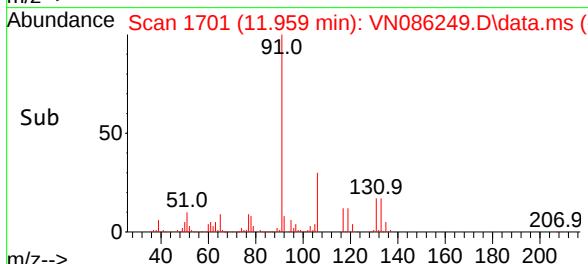
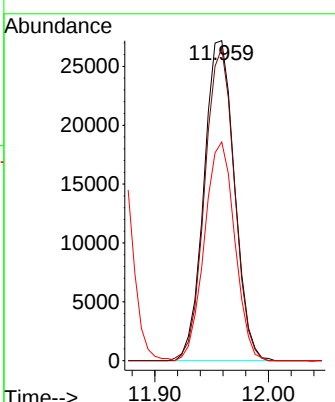
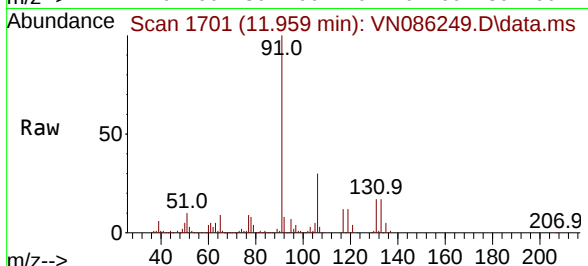




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.344 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

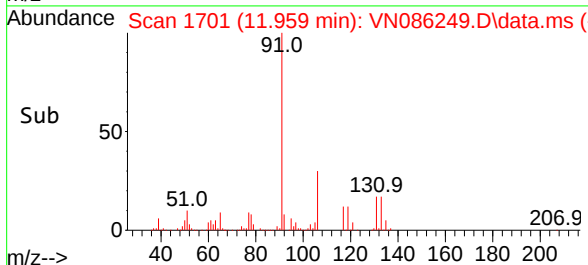
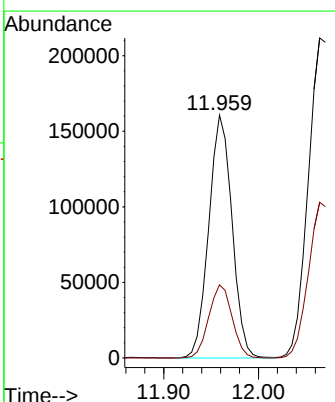
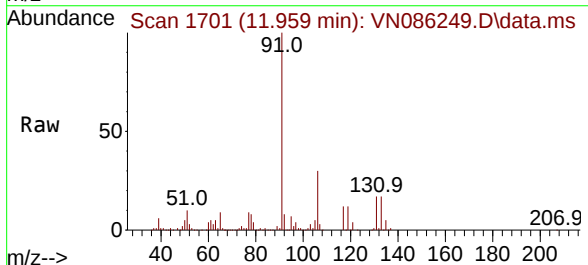
Instrument : MSVOA_N
 ClientSampleId : VN0411WBS01

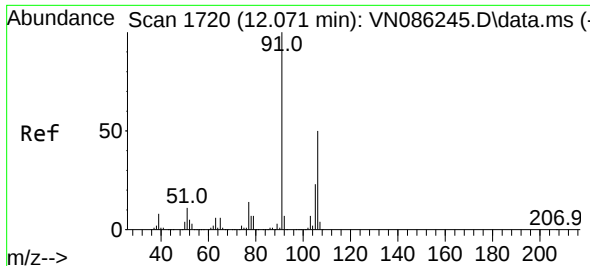
Tgt Ion:	131	Resp:	50696
Ion Ratio	Lower	Upper	
131	100		
133	94.9	0.0	190.4
119	67.7	0.0	135.6



#66
 Ethyl Benzene
 Concen: 20.960 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

Tgt Ion:	91	Resp:	273823
Ion Ratio	Lower	Upper	
91	100		
106	30.1	23.4	35.0

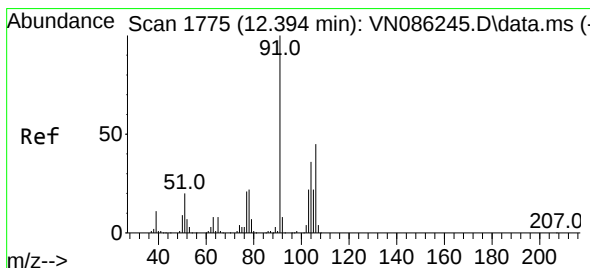
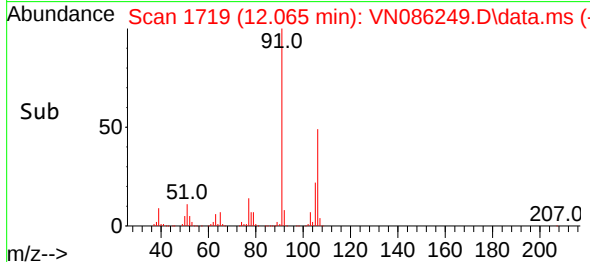
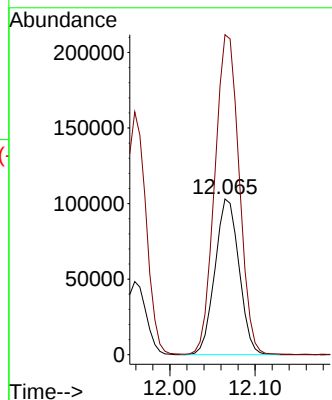
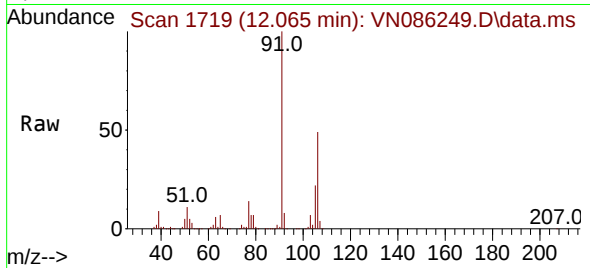




#67
m/p-Xylenes
Concen: 41.705 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

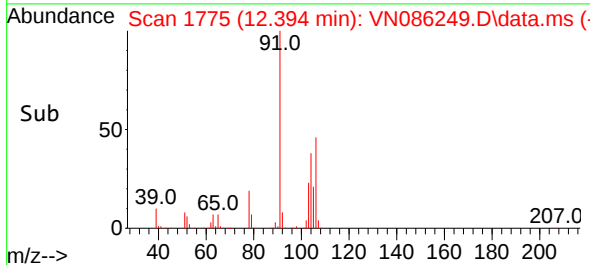
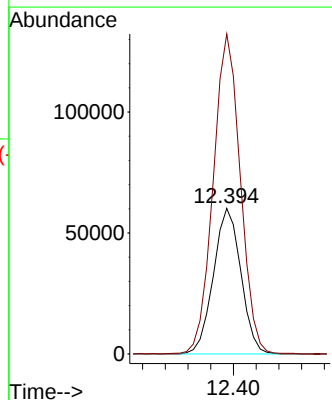
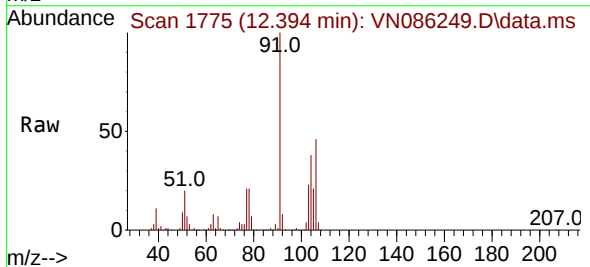
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

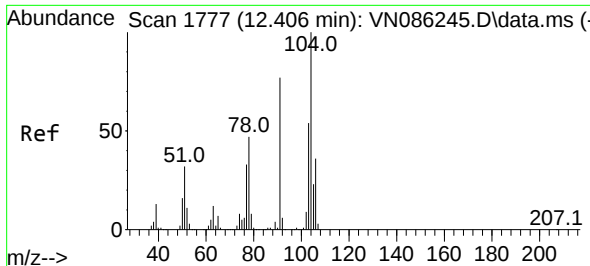
Tgt Ion:106 Resp: 202596
Ion Ratio Lower Upper
106 100
91 208.3 164.5 246.7



#68
o-Xylene
Concen: 21.129 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion:106 Resp: 100957
Ion Ratio Lower Upper
106 100
91 217.4 109.8 329.4

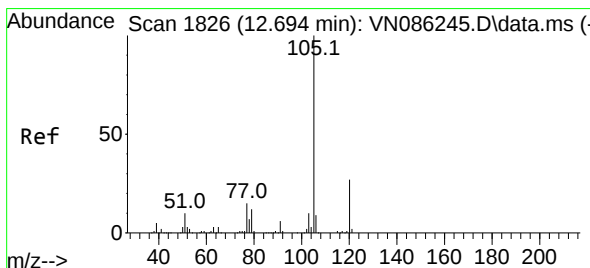
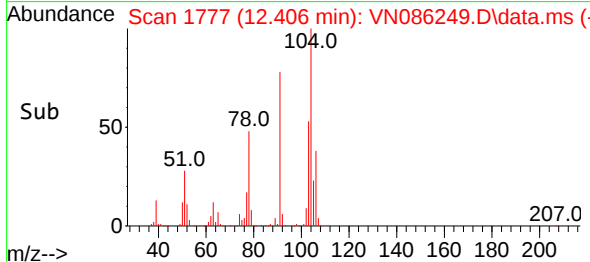
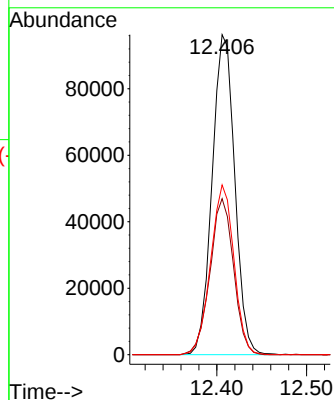
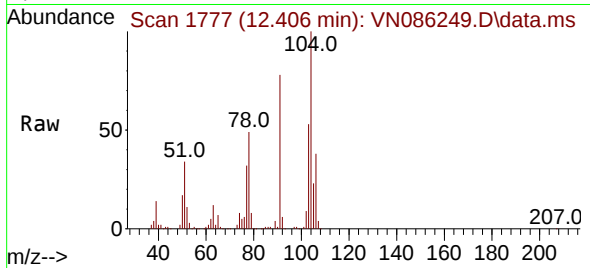




#69
 Styrene
 Concen: 20.929 ug/l
 RT: 12.406 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

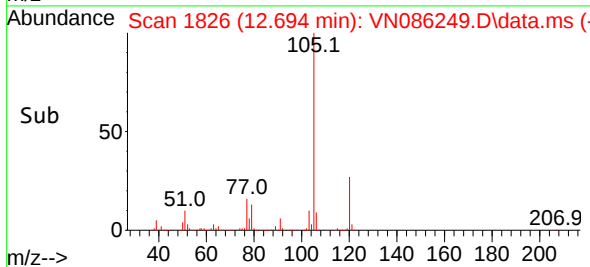
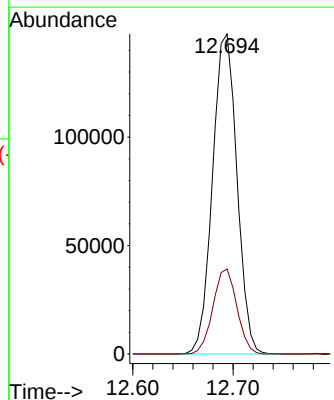
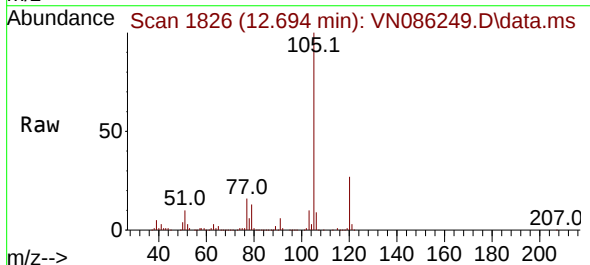
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

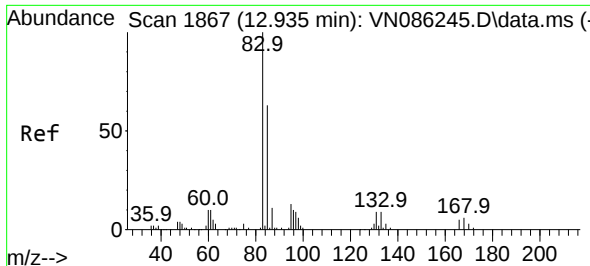
Tgt Ion:104 Resp: 168655
 Ion Ratio Lower Upper
 104 100
 78 50.7 41.4 62.0
 103 54.8 44.2 66.4



#70
 Isopropylbenzene
 Concen: 21.200 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

Tgt Ion:105 Resp: 249762
 Ion Ratio Lower Upper
 105 100
 120 26.0 18.3 34.1

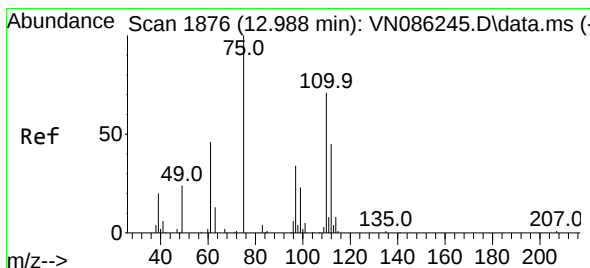
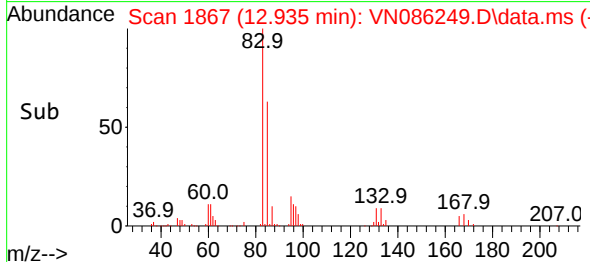
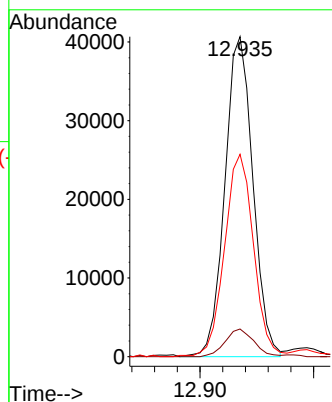
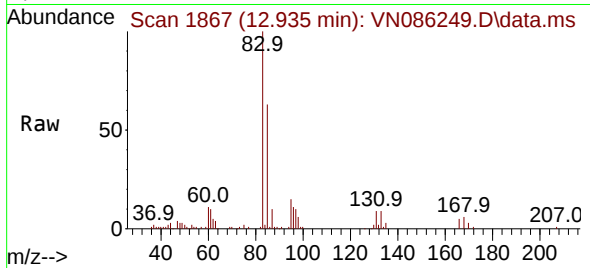




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.801 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

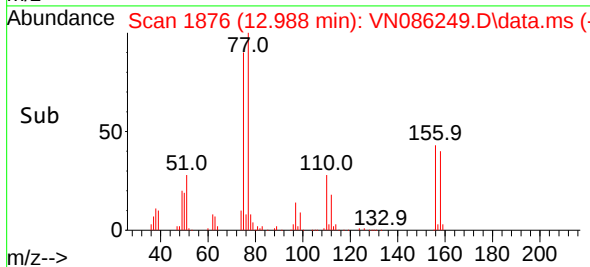
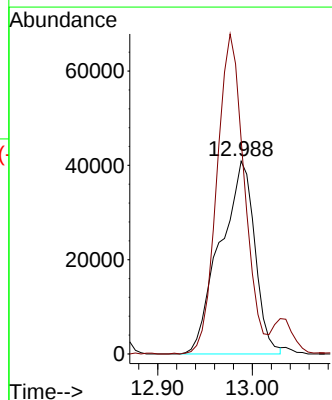
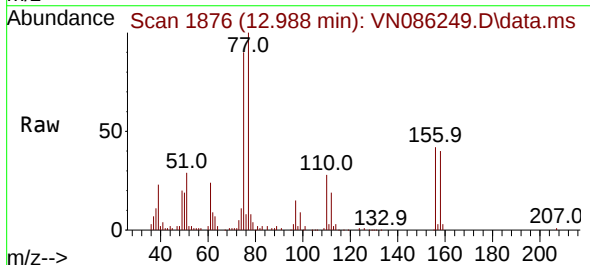
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

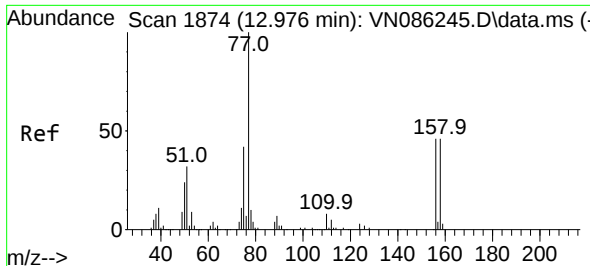
Tgt Ion: 83 Resp: 69753
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.8 14.3
 85 65.3 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 29.748 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

Tgt Ion: 75 Resp: 103838
 Ion Ratio Lower Upper
 75 100
 77 132.3 0.0 380.0

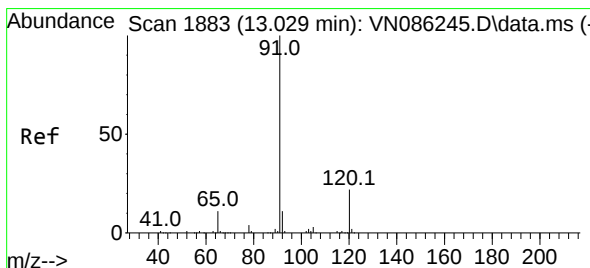
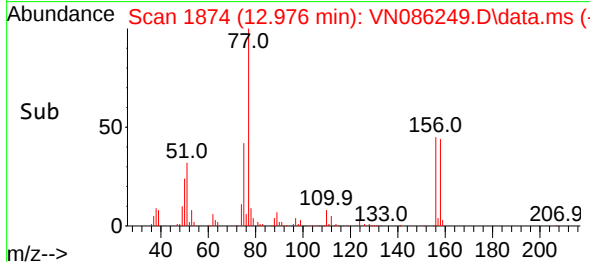
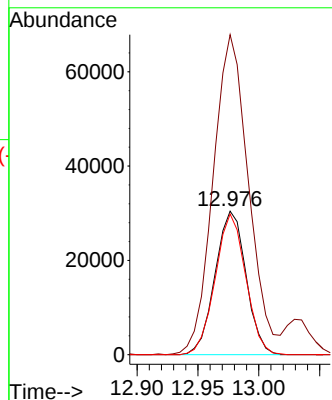
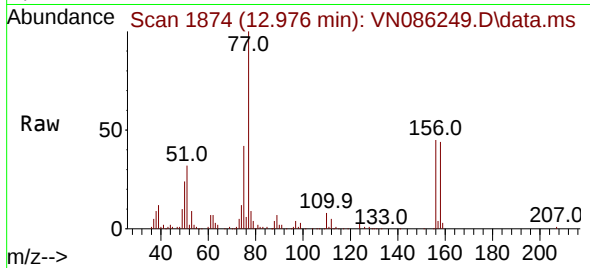




#73
Bromobenzene
Concen: 20.572 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

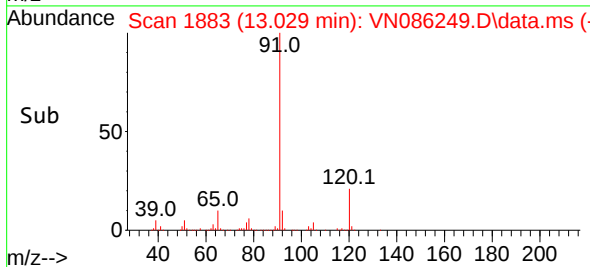
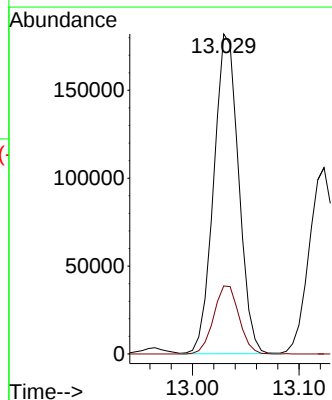
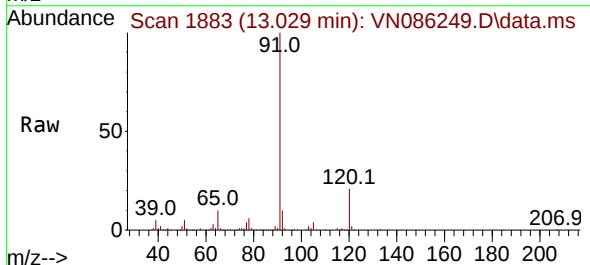
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

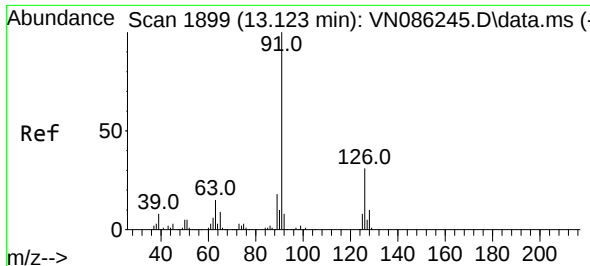
Tgt Ion:156 Resp: 53692
Ion Ratio Lower Upper
156 100
77 255.8 0.0 505.2
158 96.7 0.0 195.0



#74
n-propylbenzene
Concen: 21.231 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 91 Resp: 295354
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.0

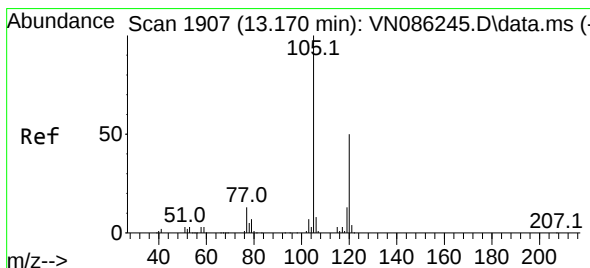
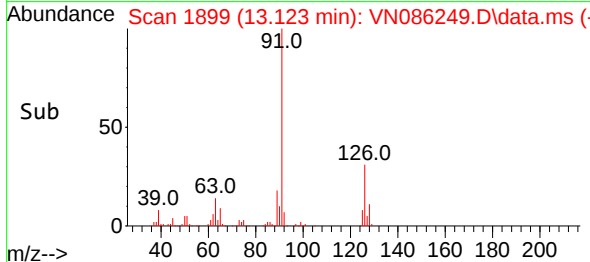
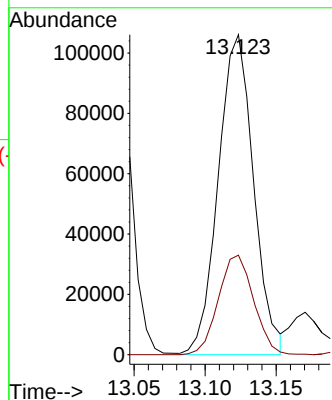
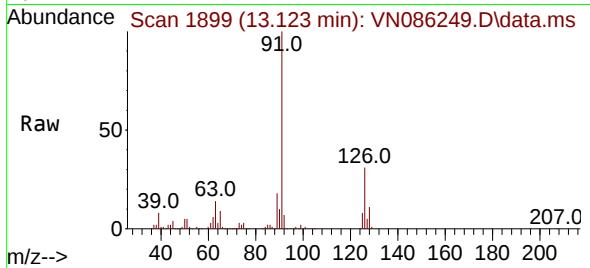




#75
2-Chlorotoluene
Concen: 20.961 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

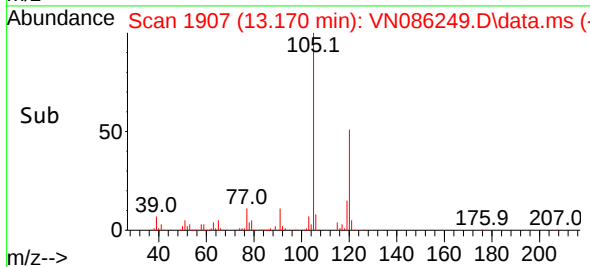
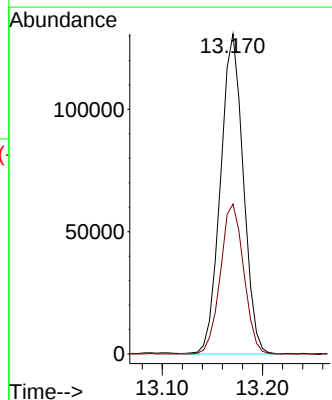
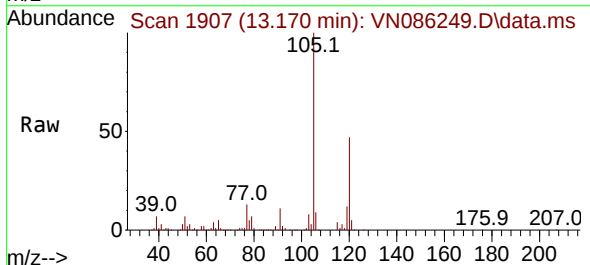
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

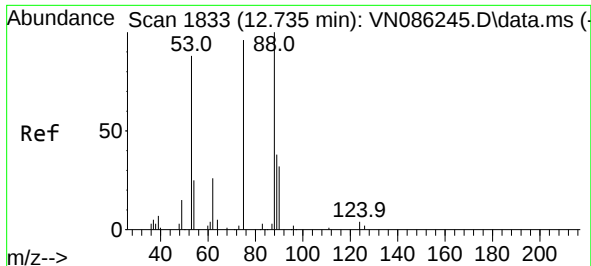
Tgt Ion: 91 Resp: 183287
Ion Ratio Lower Upper
91 100
126 31.0 0.0 63.4



#76
1,3,5-Trimethylbenzene
Concen: 21.352 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 105 Resp: 206643
Ion Ratio Lower Upper
105 100
120 47.8 0.0 98.0

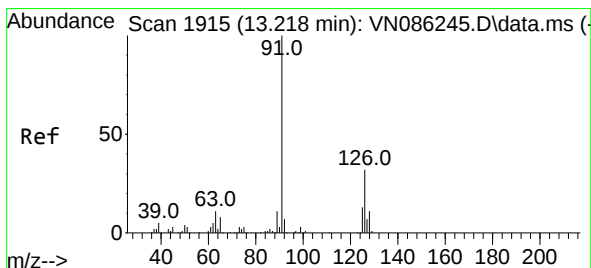
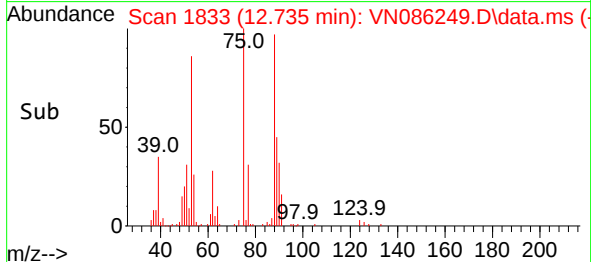
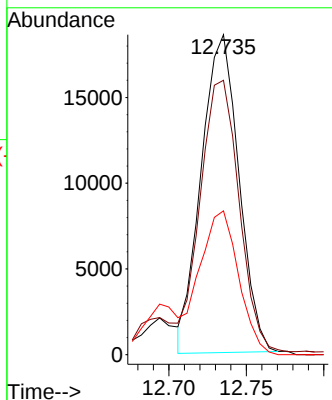
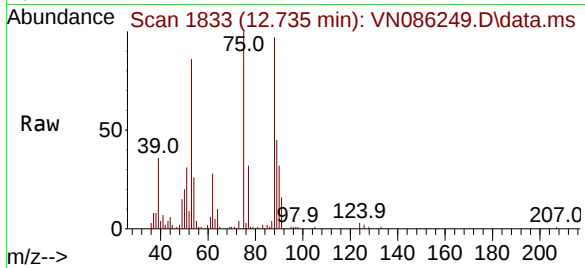




#77
t-1,4-Dichloro-2-butene
Concen: 19.426 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

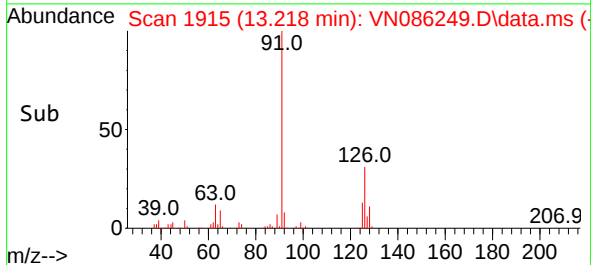
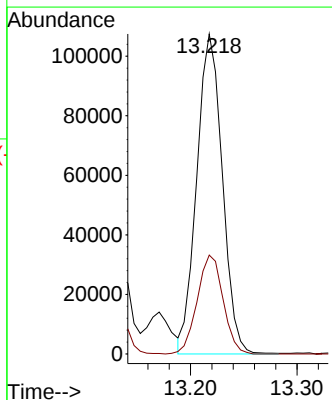
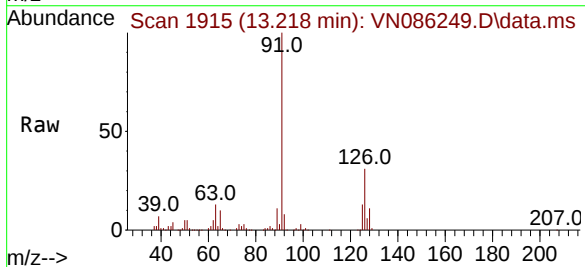
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

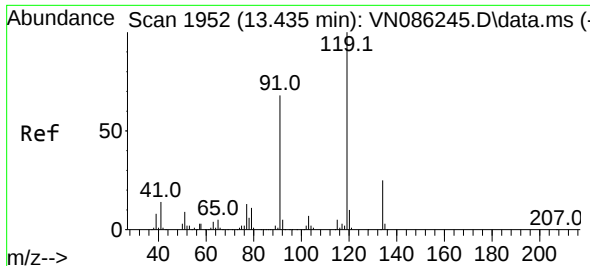
Tgt Ion: 75 Resp: 31266
Ion Ratio Lower Upper
75 100
53 85.1 46.4 139.2
89 45.4 22.5 67.5



#78
4-Chlorotoluene
Concen: 20.589 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 91 Resp: 179801
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.2

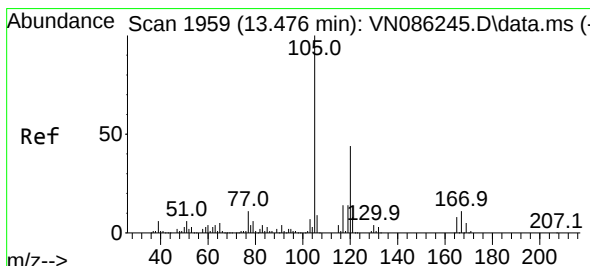
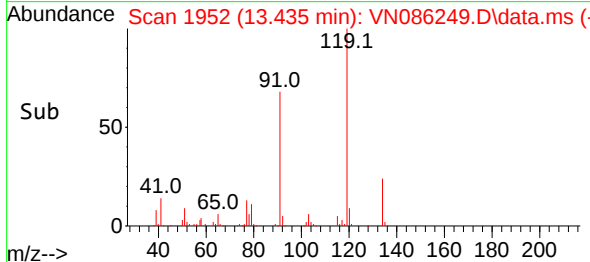
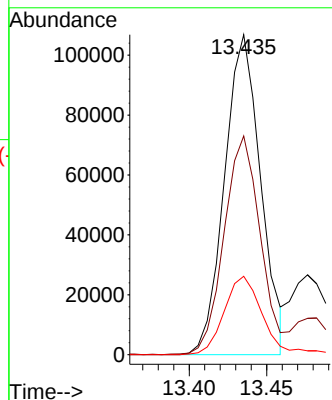
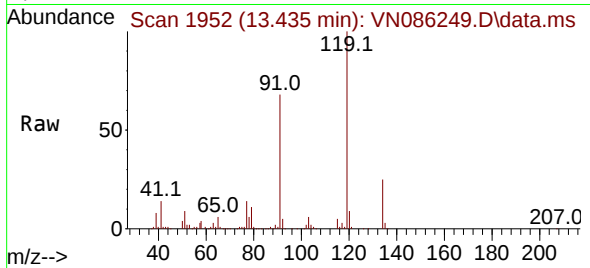




#79
tert-butylbenzene
Concen: 20.714 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

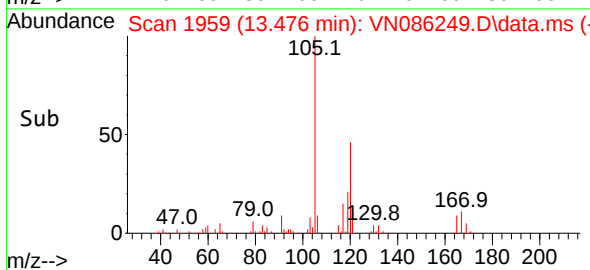
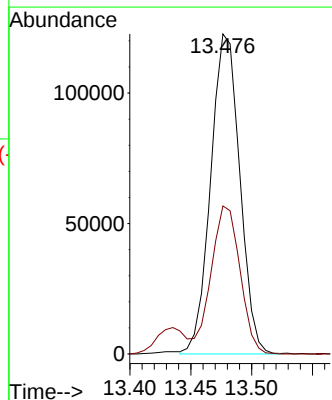
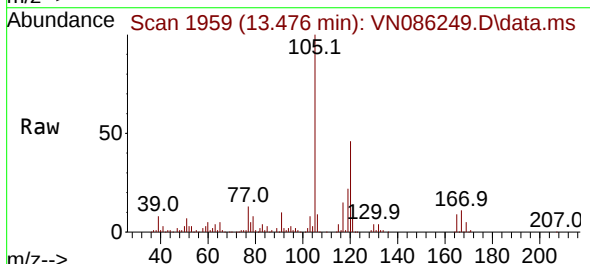
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

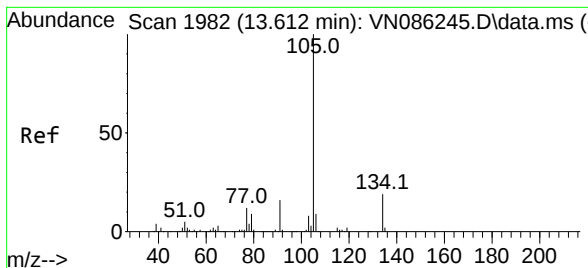
Tgt Ion:119 Resp: 173459
Ion Ratio Lower Upper
119 100
91 67.9 0.0 136.6
134 26.2 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 20.782 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion:105 Resp: 203945
Ion Ratio Lower Upper
105 100
120 46.4 0.0 91.0

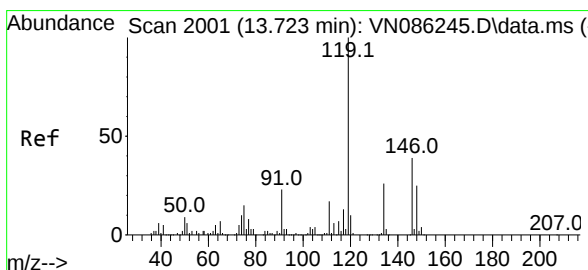
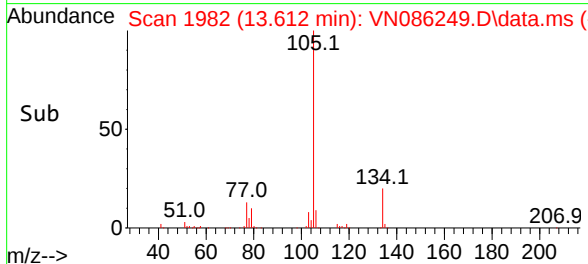
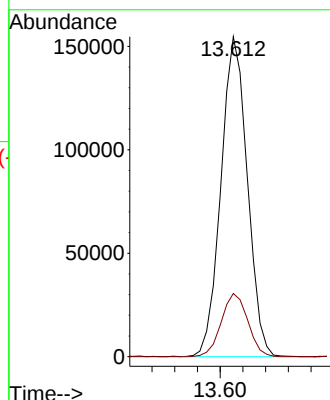
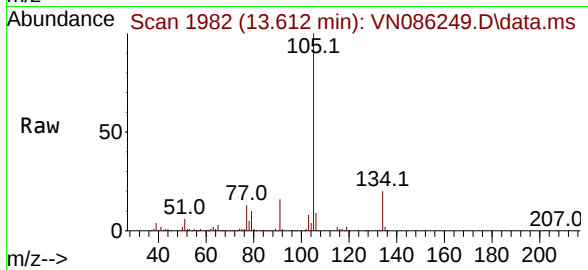




#81
 sec-Butylbenzene
 Concen: 21.354 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

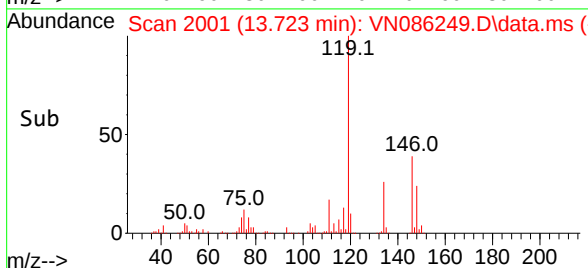
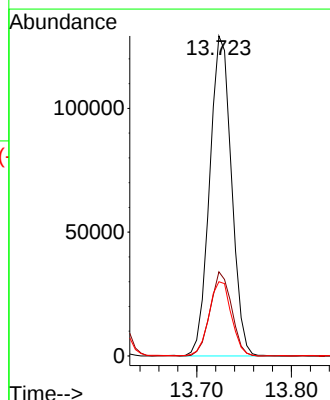
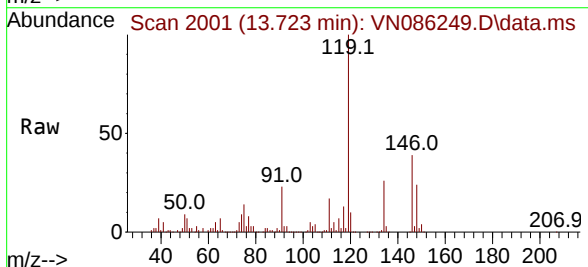
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

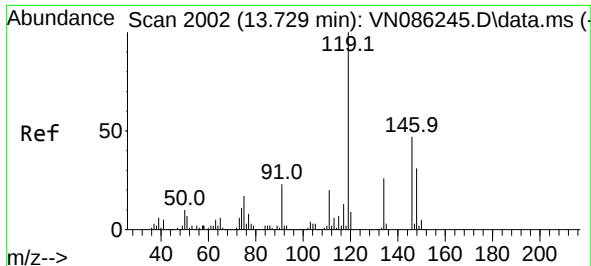
Tgt Ion:105 Resp: 249442
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 21.296 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

Tgt Ion:119 Resp: 207519
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.6
 91 23.9 0.0 48.2

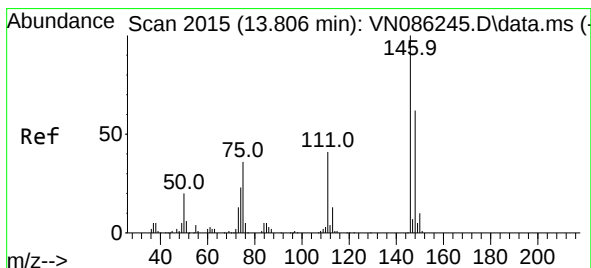
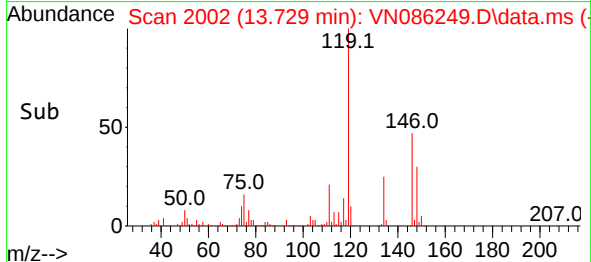
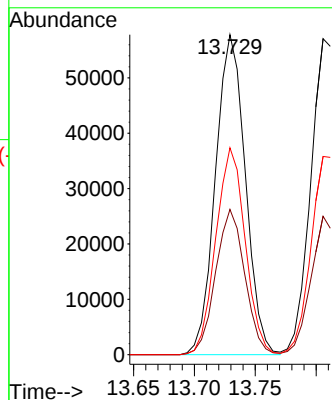
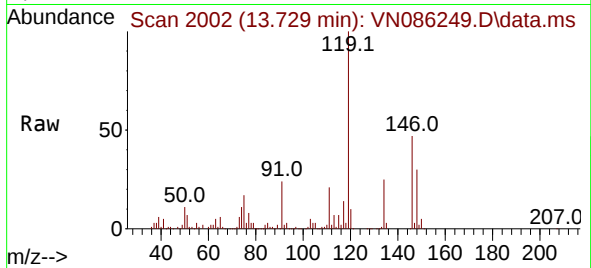




#83
1,3-Dichlorobenzene
Concen: 20.374 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

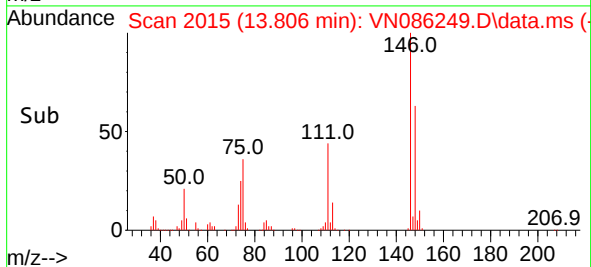
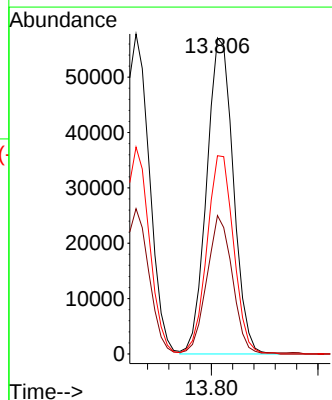
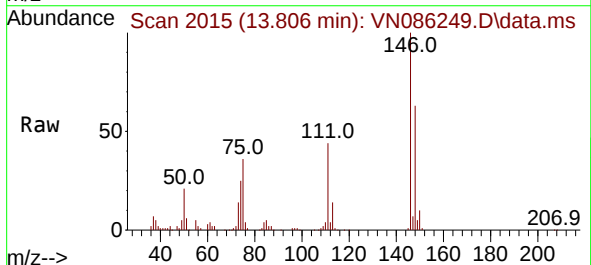
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

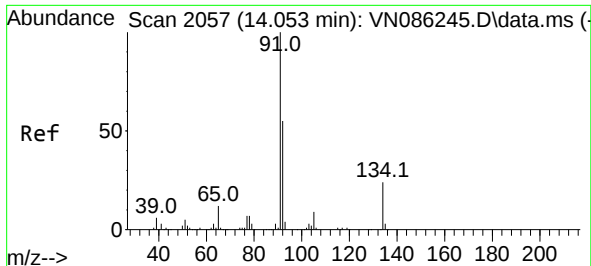
Tgt Ion:146 Resp: 98830
Ion Ratio Lower Upper
146 100
111 44.4 21.7 65.1
148 63.5 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 20.383 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion:146 Resp: 99189
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.4
148 62.9 31.9 95.5

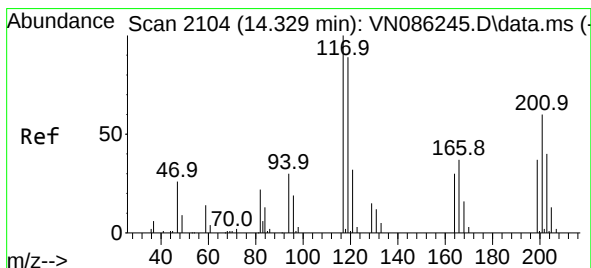
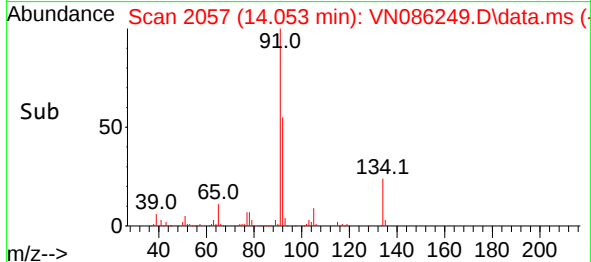
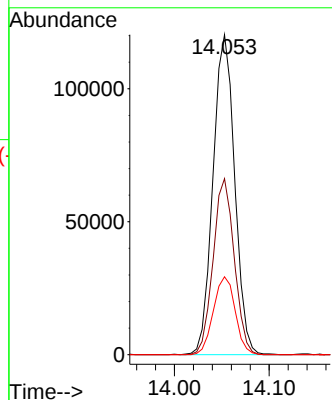
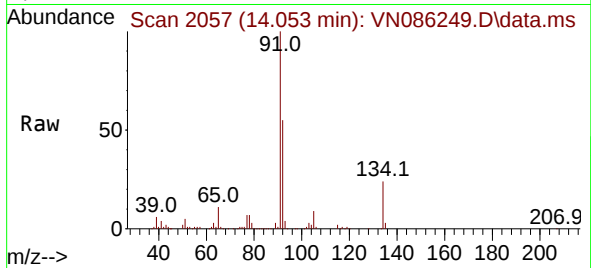




#85
n-Butylbenzene
Concen: 21.761 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

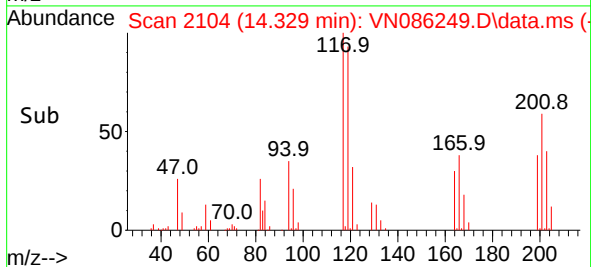
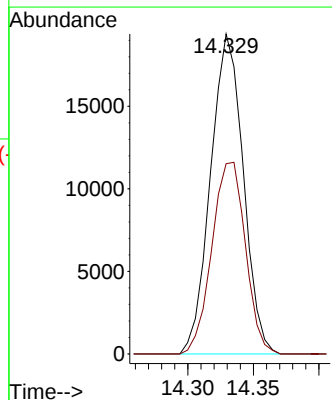
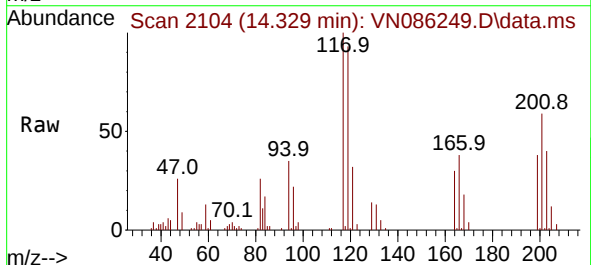
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

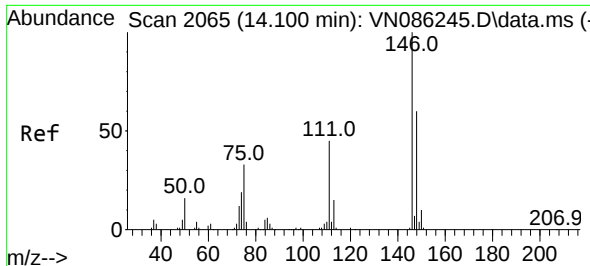
Tgt Ion: 91 Resp: 191298
Ion Ratio Lower Upper
91 100
92 53.6 0.0 109.4
134 24.5 0.0 48.2



#86
Hexachloroethane
Concen: 20.435 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion: 117 Resp: 33590
Ion Ratio Lower Upper
117 100
201 61.5 30.9 92.8

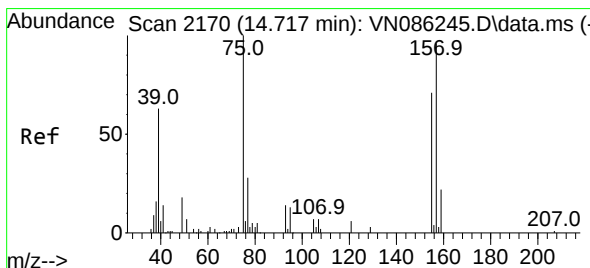
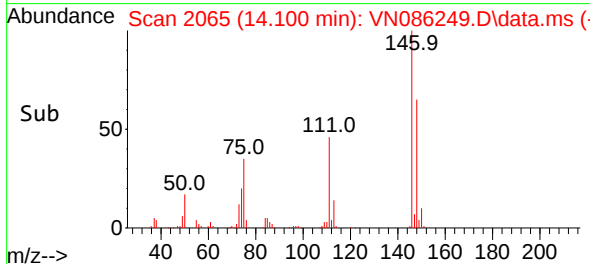
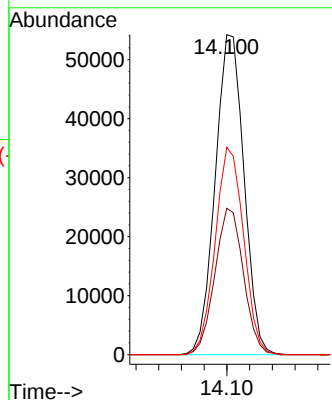
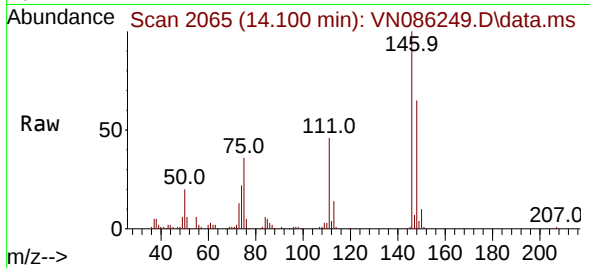




#87
 1,2-Dichlorobenzene
 Concen: 19.953 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

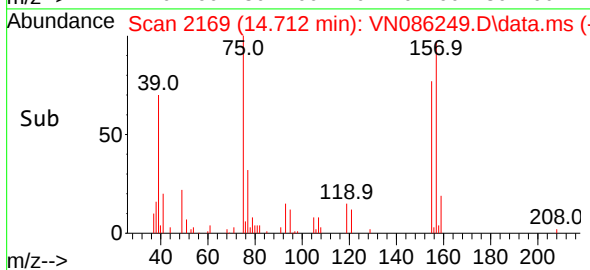
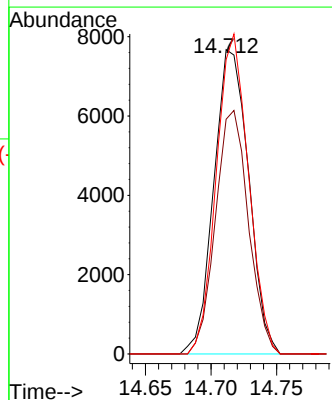
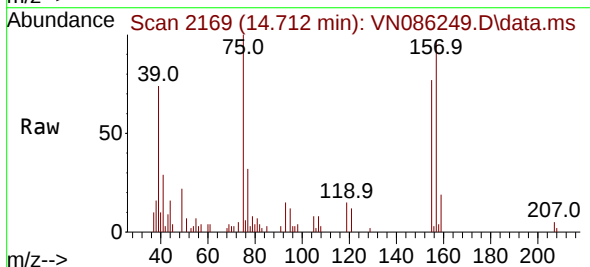
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

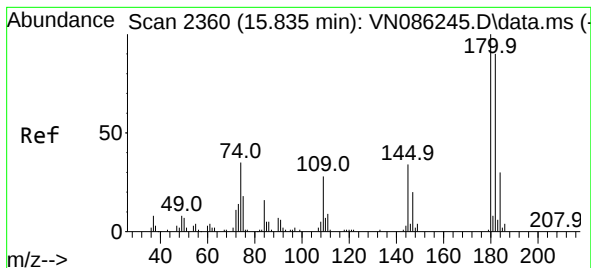
Tgt Ion:146 Resp: 95565
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.7 68.0
 148 64.0 31.8 95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.539 ug/l
 RT: 14.712 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VN086249.D
 Acq: 11 Apr 2025 14:38

Tgt Ion: 75 Resp: 14160
 Ion Ratio Lower Upper
 75 100
 155 75.9 60.3 90.5
 157 97.1 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 19.736 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

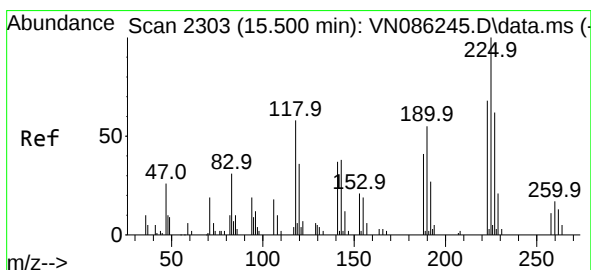
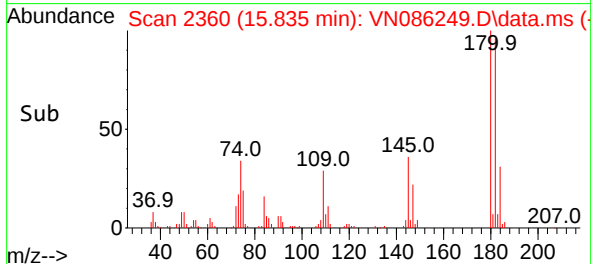
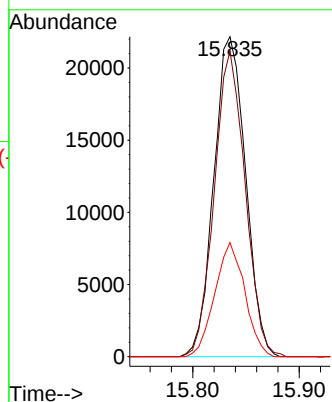
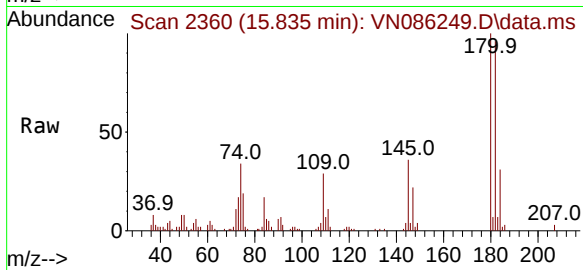
Tgt Ion:180 Resp: 45993

Ion Ratio Lower Upper

180 100

182 92.4 75.1 112.7

145 33.7 27.1 40.7



#90

Hexachlorobutadiene

Concen: 19.154 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086249.D

Acq: 11 Apr 2025 14:38

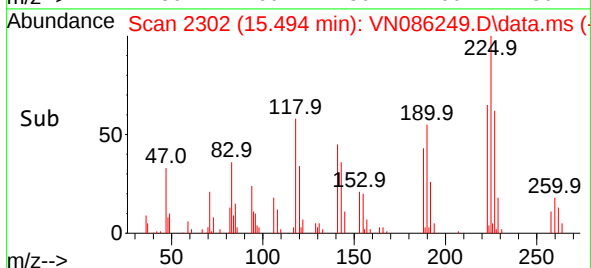
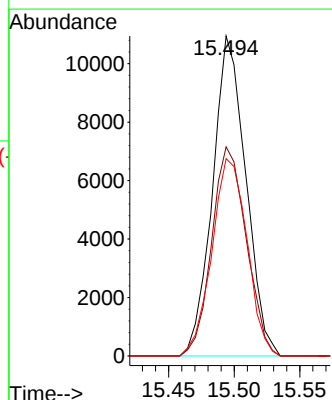
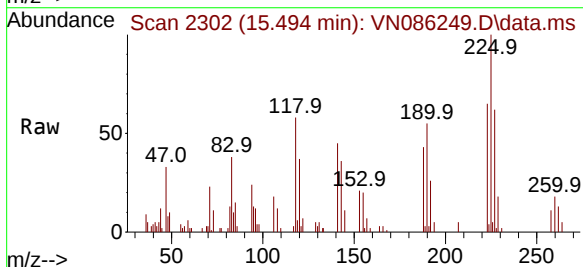
Tgt Ion:225 Resp: 19273

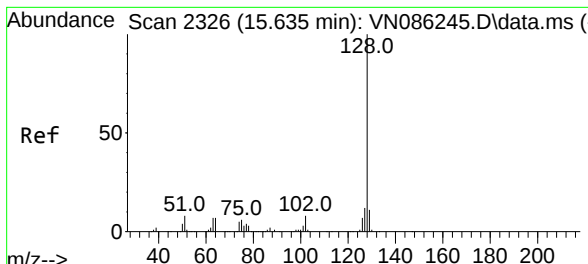
Ion Ratio Lower Upper

225 100

223 67.9 0.0 130.0

227 65.2 0.0 123.2

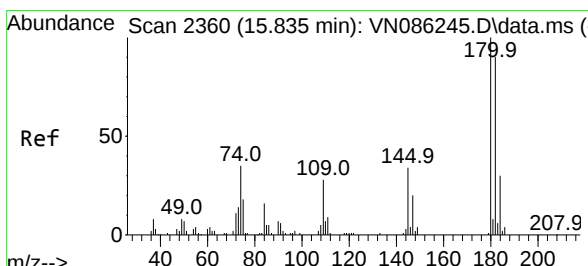
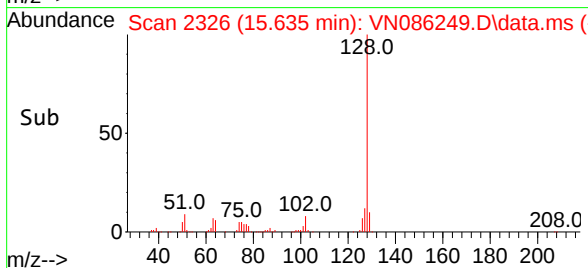
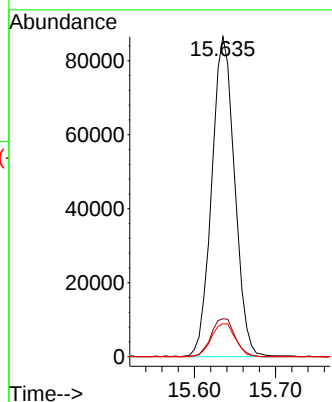
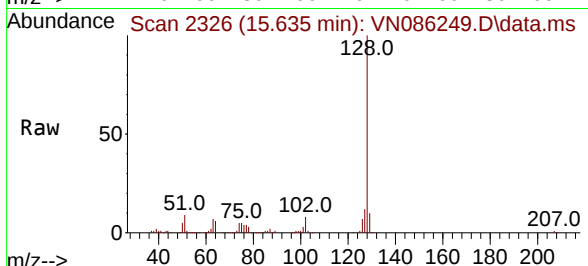




#91
Naphthalene
Concen: 18.449 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion:	128	Resp:	169515
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.2
129	10.9	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.736 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086249.D
Acq: 11 Apr 2025 14:38

Tgt Ion:	180	Resp:	45993
Ion Ratio	Lower	Upper	
180	100		
182	92.4	0.0	187.8
145	33.7	0.0	67.8

