

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086244.D
 Acq On : 11 Apr 2025 11:52
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Apr 12 00:19:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 00:09:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	34719	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	212849	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	191848	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	101225	29.892	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.633%
60) 4-Bromofluorobenzene	12.847	95	116379	30.469	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.567%
63) Toluene-d8	10.565	98	321243	29.660	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.867%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159577	57.365	ug/l	99
3) Chloromethane	2.359	50	209307	54.440	ug/l	98
4) Vinyl Chloride	2.512	62	204553	55.856	ug/l	98
5) Bromomethane	2.953	94	94764	51.877	ug/l	93
6) Chloroethane	3.118	64	126545	54.720	ug/l	98
7) Trichlorofluoromethane	3.495	101	224704	56.563	ug/l	99
8) Diethyl Ether	3.959	74	100444	54.826	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	137760	56.236	ug/l	97
10) 1,1-Dichloroethene	4.342	96	142552	53.920	ug/l	95
11) Methyl Iodide	4.583	142	172223	56.678	ug/l	98
12) Methyl Acetate	5.024	43	216174	57.904	ug/l	98
13) Acrolein	4.177	56	95048	223.977	ug/l	99
14) Acrylonitrile	5.712	53	435610	276.391	ug/l	98
15) Acetone	4.424	58	112588	281.504	ug/l	93
16) Carbon Disulfide	4.712	76	388287	51.220	ug/l	99
17) Allyl chloride	5.018	41	250898	54.451	ug/l	99
18) Methylene Chloride	5.277	84	160052	53.099	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	147953	62.042	ug/l	98
20) Diisopropyl ether	6.671	45	559920	56.516	ug/l	97
21) 1,1-Dichloroethane	6.571	63	294059	55.639	ug/l	98
22) cis-1,2-Dichloroethene	7.482	96	179457	54.098	ug/l	97
23) tert-Butyl Alcohol	5.512	59	185093	283.431	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	526838	55.313	ug/l	98
25) Chloroform	7.965	83	279630	55.484	ug/l	96
26) Cyclohexane	8.253	56	278241	56.272	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	210025	55.081	ug/l	99
30) 2-Butanone	7.477	43	596520	282.334	ug/l	99
31) 2,2-Dichloropropane	7.488	77	260037	55.404	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	240887	54.920	ug/l	99
33) Carbon Tetrachloride	8.359	117	199323	56.865	ug/l	97
34) Benzene	8.606	78	666877	54.974	ug/l	98
35) Methacrylonitrile	7.777	41	129688	54.448	ug/l	99
36) 1,2-Dichloroethane	8.665	62	209738	55.252	ug/l	97
37) Trichloroethene	9.347	130	164224	56.109	ug/l	90
38) Methylcyclohexane	9.600	83	253415	54.191	ug/l	99
39) 1,2-Dichloropropane	9.618	63	168378	55.783	ug/l	98
40) Dibromomethane	9.706	93	106697	54.730	ug/l	99
41) Bromodichloromethane	9.888	83	225600	53.865	ug/l	97
42) Vinyl Acetate	6.600	43	1937093	269.341	ug/l	100

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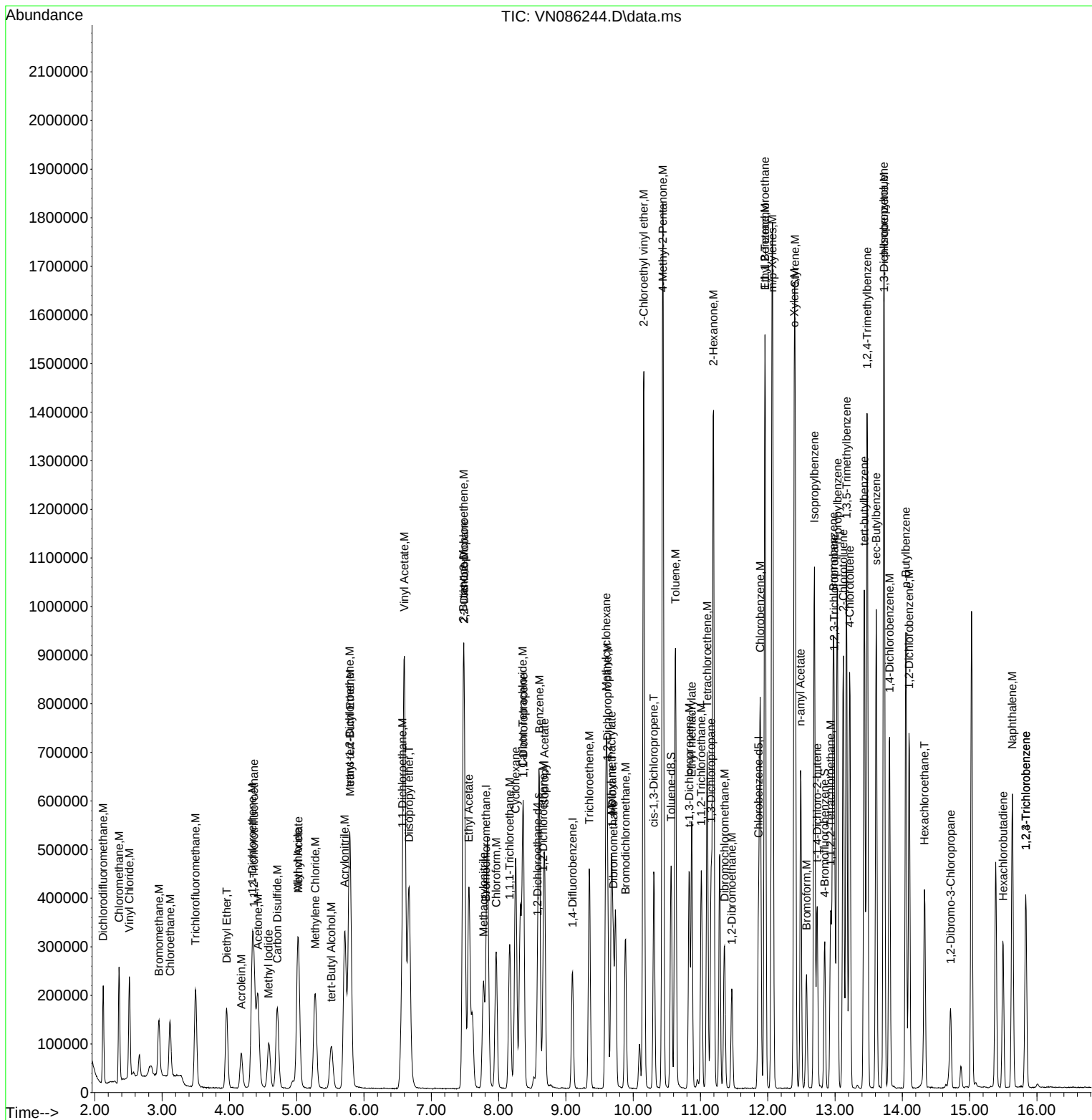
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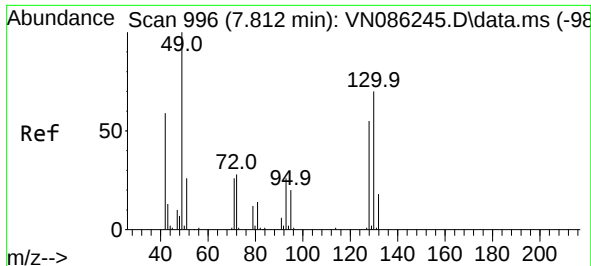
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	233433	54.775	ug/l	98
44) Isopropyl Acetate	8.682	43	419280	53.034	ug/l	99
45) 1,4-Dioxane	9.688	88	71351	1134.960	ug/l #	95
46) Methyl methacrylate	9.676	41	197782	56.778	ug/l	99
47) n-amyl Acetate	12.488	43	354004	55.417	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	264279	55.817	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	277506	55.377	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	149001	54.493	ug/l	98
51) Ethyl methacrylate	10.871	69	283112	55.717	ug/l	96
52) 1,3-Dichloropropane	11.159	76	271010	55.609	ug/l	100
53) Dibromochloromethane	11.359	129	166341	55.616	ug/l	99
54) 1,2-Dibromoethane	11.465	107	152197	55.141	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	685916	357.238	ug/l	99
56) Bromoform	12.576	173	110623	56.534	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	1212140	278.421	ug/l	99
59) 2-Hexanone	11.194	43	912206	281.386	ug/l	99
61) Tetrachloroethene	11.100	164	160227	56.555	ug/l	98
62) Toluene	10.629	91	709533	55.140	ug/l	100
64) Chlorobenzene	11.888	112	434051	55.211	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	145468	56.068	ug/l	99
66) Ethyl Benzene	11.959	91	797966	55.917	ug/l	97
67) m/p-Xylenes	12.070	106	600484	113.164	ug/l	100
68) o-Xylene	12.394	106	294512	56.428	ug/l	99
69) Styrene	12.406	104	499886	56.790	ug/l	99
70) Isopropylbenzene	12.694	105	727241	56.511	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	194327	53.052	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	316585	61.048	ug/l	59
73) Bromobenzene	12.976	156	161325	56.588	ug/l	99
74) n-propylbenzene	13.035	91	865912	56.817	ug/l	100
75) 2-Chlorotoluene	13.123	91	539350	56.468	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	596201	56.398	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	100158	56.970	ug/l	92
78) 4-Chlorotoluene	13.217	91	541691	56.787	ug/l	100
79) tert-butylbenzene	13.435	119	506518	55.374	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	611389	57.035	ug/l	99
81) sec-Butylbenzene	13.612	105	714247	55.977	ug/l	99
82) p-Isopropyltoluene	13.723	119	604494	56.791	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	306241	57.795	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	303615	57.117	ug/l	100
85) n-Butylbenzene	14.053	91	536941	55.917	ug/l	99
86) Hexachloroethane	14.329	117	102084	56.854	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	301390	57.607	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	47464	56.890	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	140271	55.103	ug/l	98
90) Hexachlorobutadiene	15.500	225	56236	51.165	ug/l	99
91) Naphthalene	15.635	128	561578	55.953	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	140271	55.103	ug/l	98

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

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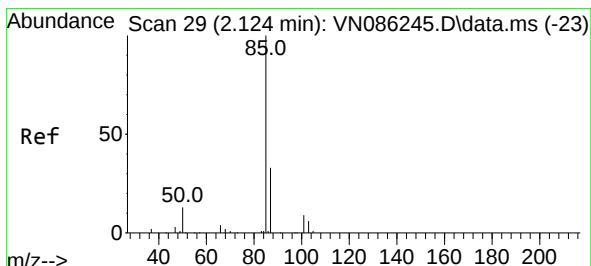
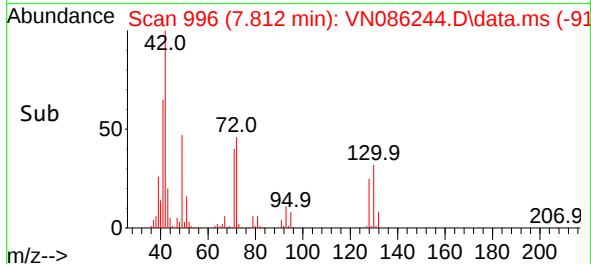
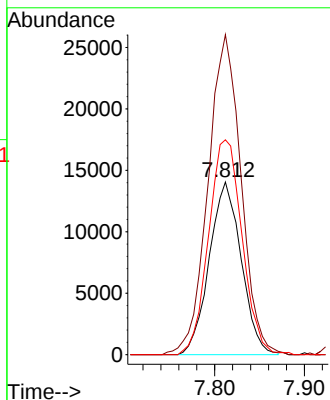
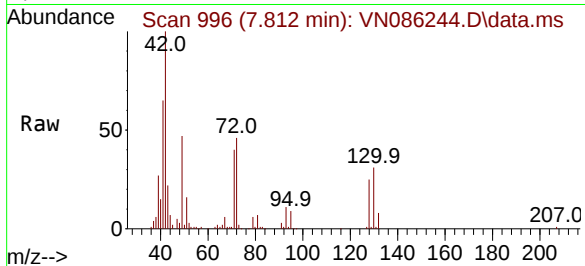




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086244.D
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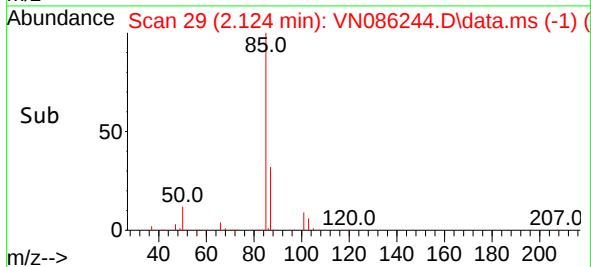
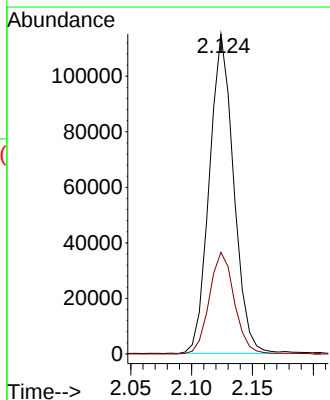
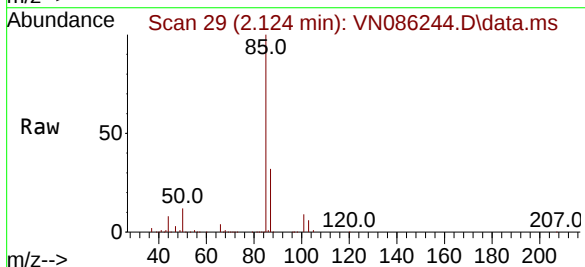
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ClientSampleId :
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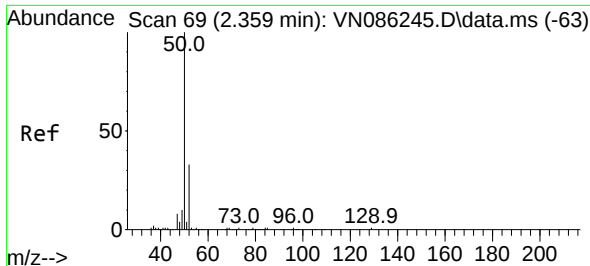
Tgt Ion:128 Resp: 34719
Ion Ratio Lower Upper
128 100
49 191.4 0.0 452.5
130 130.4 0.0 315.0



#2
Dichlorodifluoromethane
Concen: 57.365 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 85 Resp: 159577
Ion Ratio Lower Upper
85 100
87 31.8 16.3 48.9

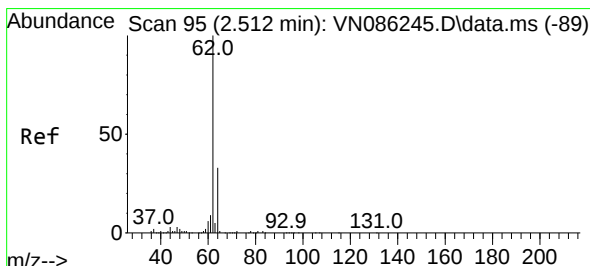
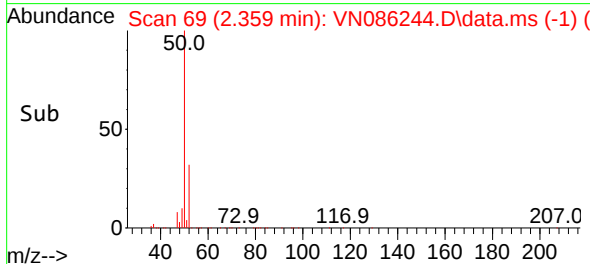
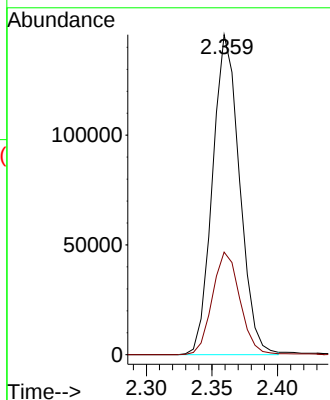
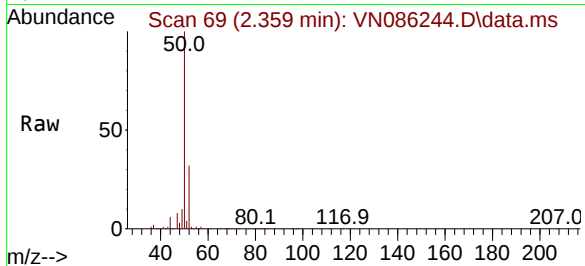




#3
Chloromethane
Concen: 54.440 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

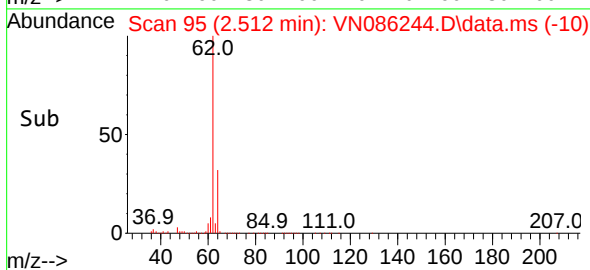
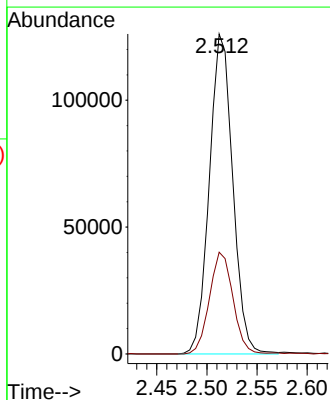
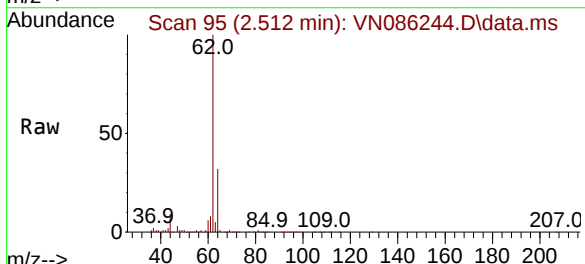
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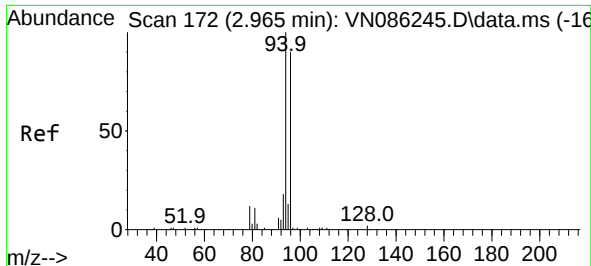
Tgt Ion: 50 Resp: 209307
Ion Ratio Lower Upper
50 100
52 32.1 26.4 39.6



#4
Vinyl Chloride
Concen: 55.856 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 62 Resp: 204553
Ion Ratio Lower Upper
62 100
64 31.8 26.3 39.5

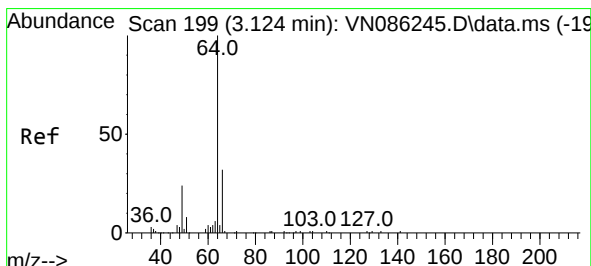
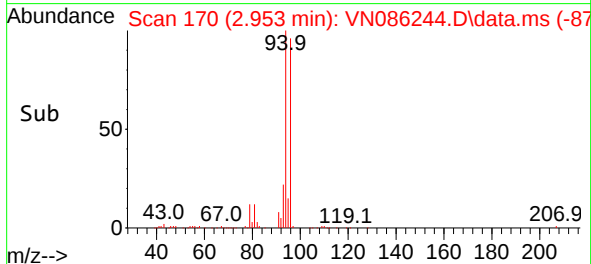
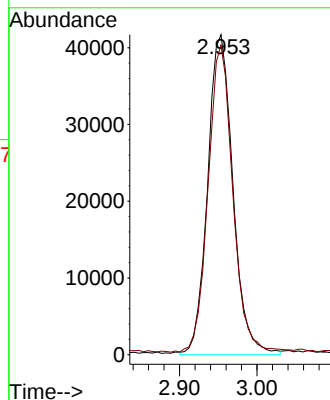
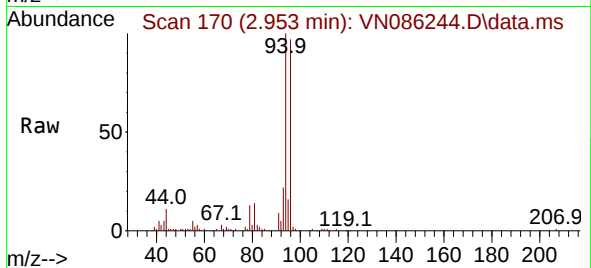




#5
Bromomethane
Concen: 51.877 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

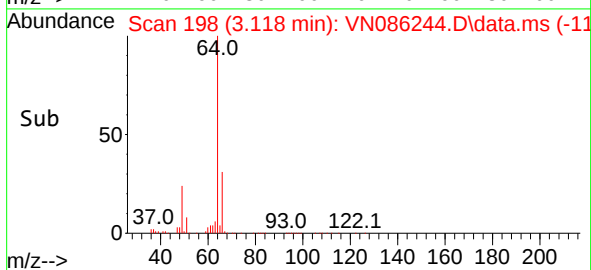
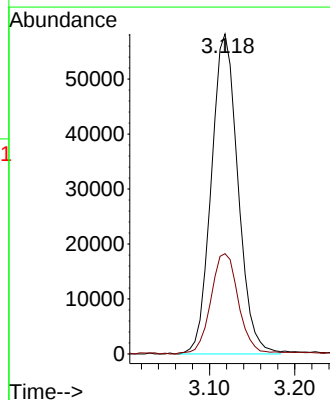
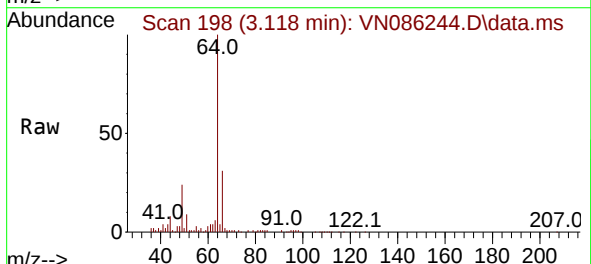
Instrument :
MSVOA_N
ClientSampleId :
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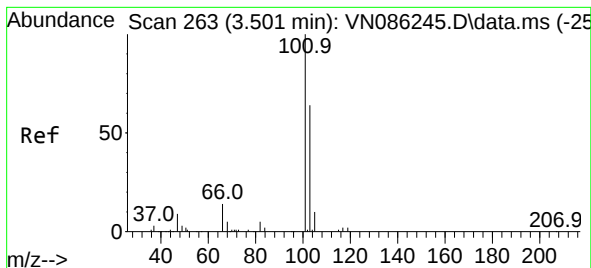
Tgt Ion: 94 Resp: 94764
Ion Ratio Lower Upper
94 100
96 96.6 72.2 108.2



#6
Chloroethane
Concen: 54.720 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 64 Resp: 126545
Ion Ratio Lower Upper
64 100
66 31.0 25.7 38.5

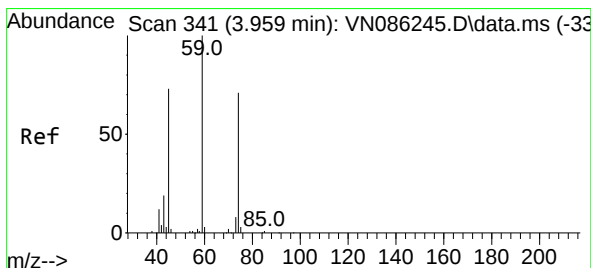
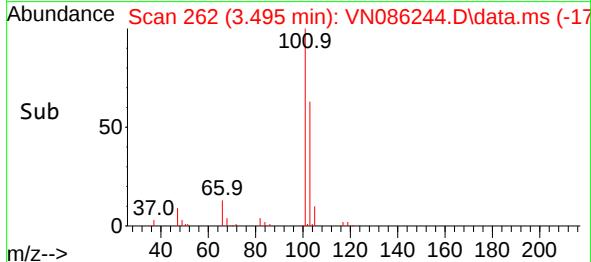
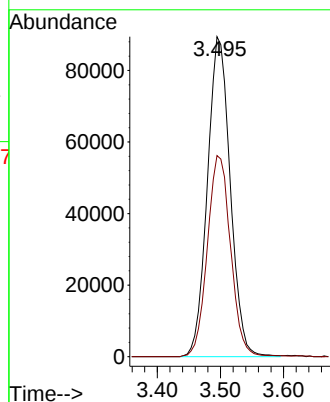
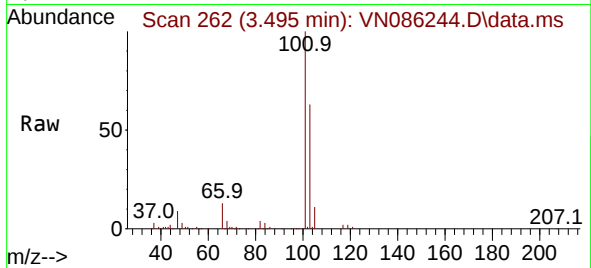




#7
 Trichlorofluoromethane
 Concen: 56.563 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN086244.D
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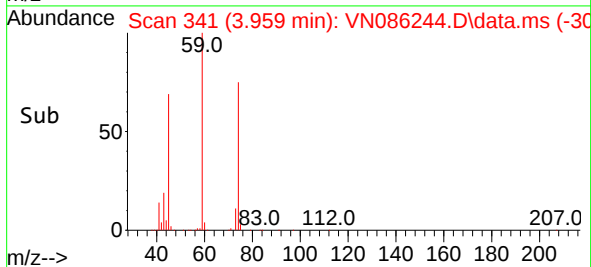
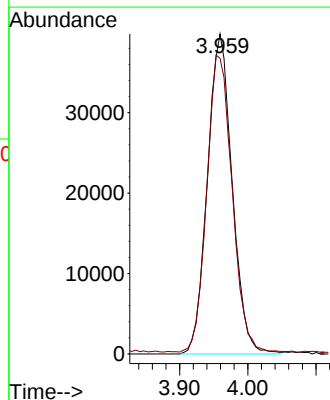
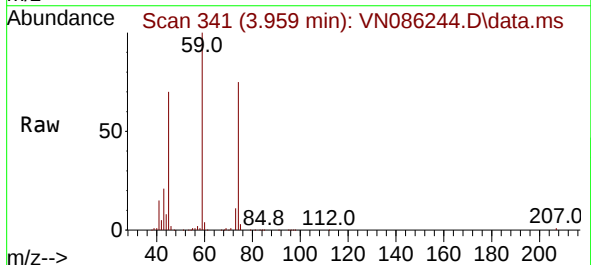
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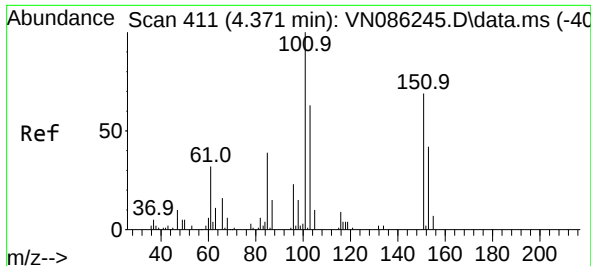
Tgt Ion:101 Resp: 224704
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.2 76.8



#8
 Diethyl Ether
 Concen: 54.826 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

Tgt Ion: 74 Resp: 100444
 Ion Ratio Lower Upper
 74 100
 45 94.8 19.2 173.2

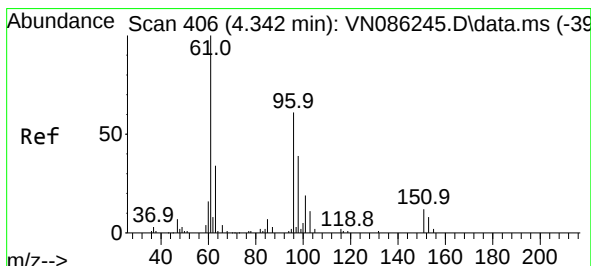
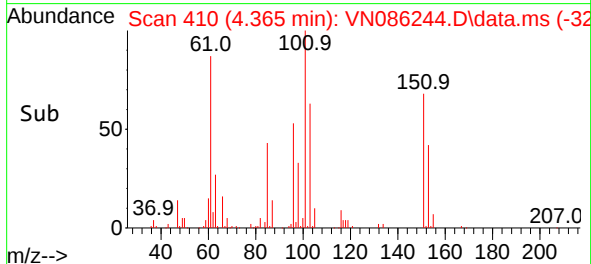
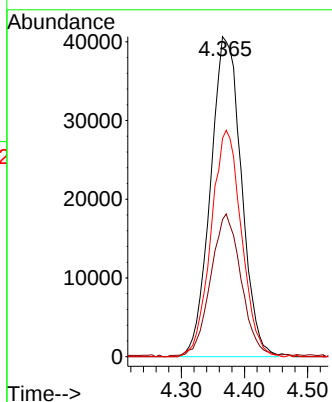
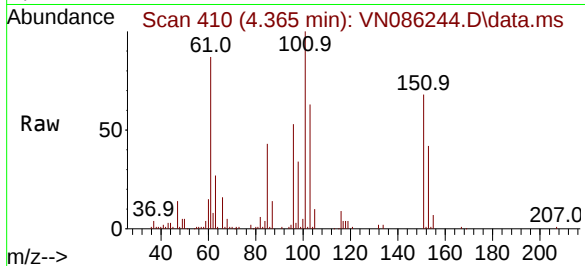




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 56.236 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN086244.D
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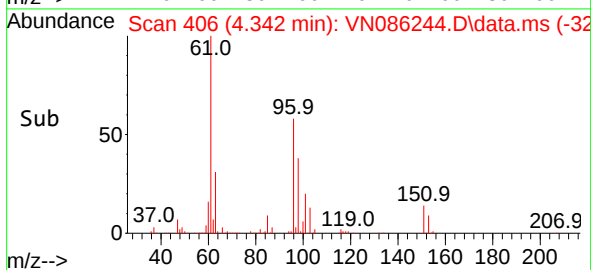
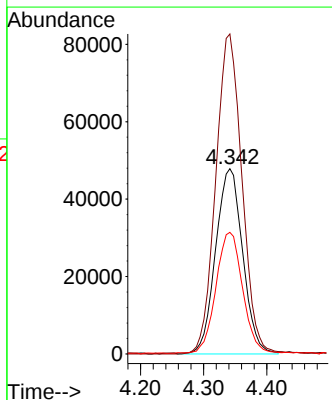
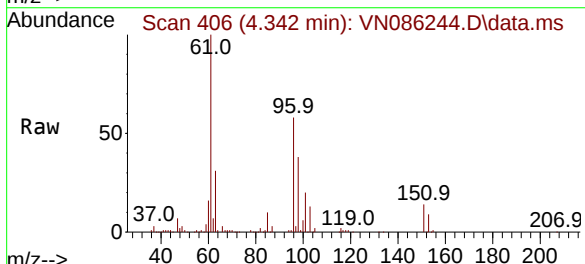
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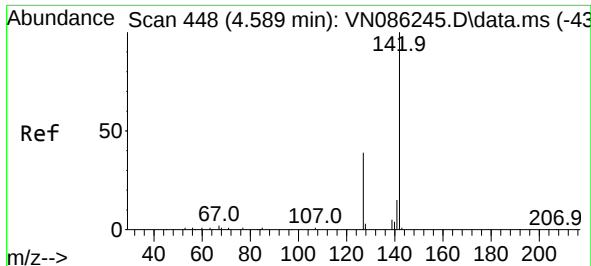
Tgt Ion:101 Resp: 137760
 Ion Ratio Lower Upper
 101 100
 85 43.0 0.0 93.0
 151 69.8 0.0 138.6



#10
 1,1-Dichloroethene
 Concen: 53.920 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

Tgt Ion: 96 Resp: 142552
 Ion Ratio Lower Upper
 96 100
 61 172.7 131.1 196.7
 98 64.9 51.6 77.4

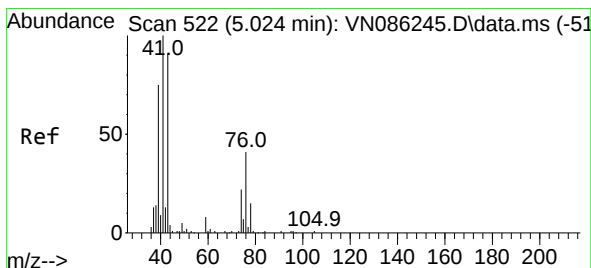
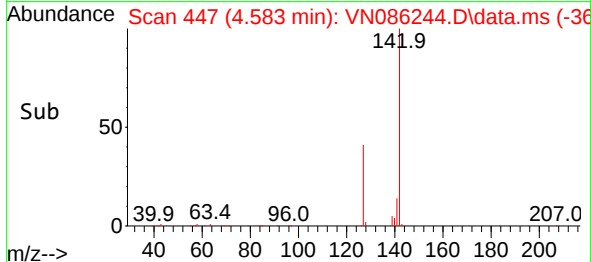
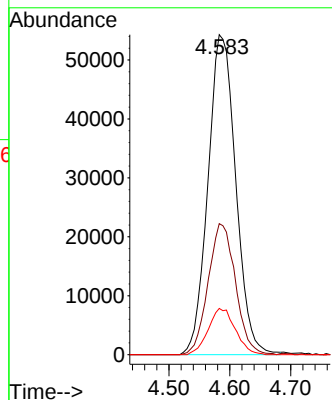
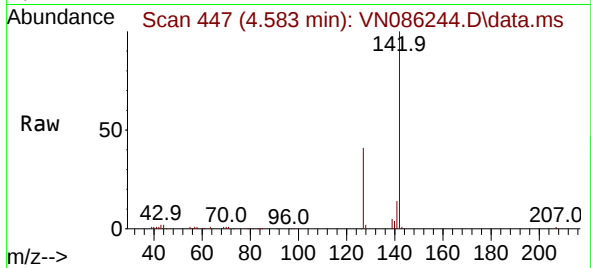




#11
Methyl Iodide
Concen: 56.678 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

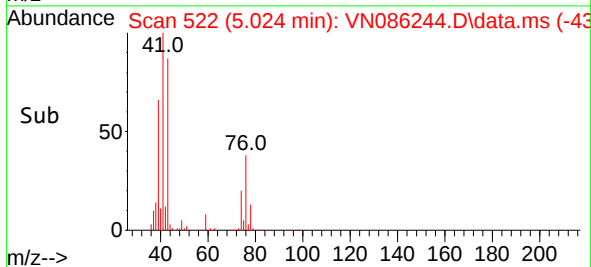
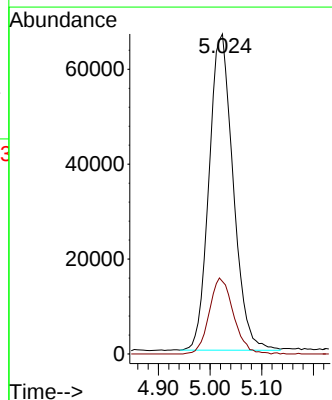
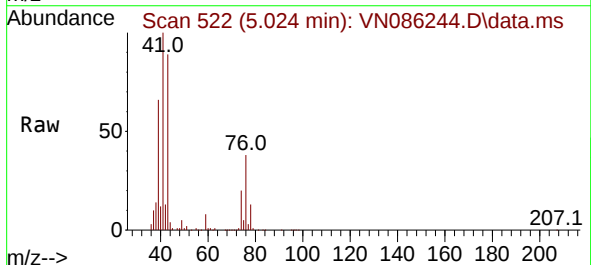
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

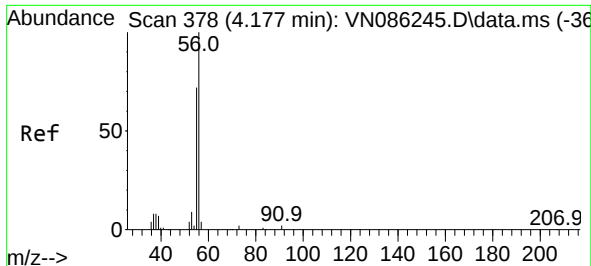
Tgt Ion:142 Resp: 172223
Ion Ratio Lower Upper
142 100
127 41.0 19.6 58.8
141 14.5 7.3 21.9



#12
Methyl Acetate
Concen: 57.904 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 43 Resp: 216174
Ion Ratio Lower Upper
43 100
74 22.9 19.1 28.7





#13

Acrolein

Concen: 223.977 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

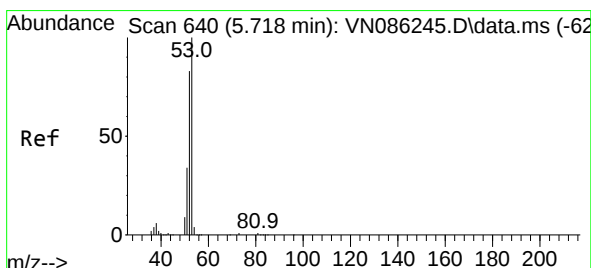
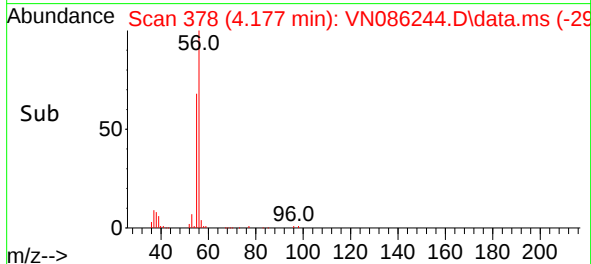
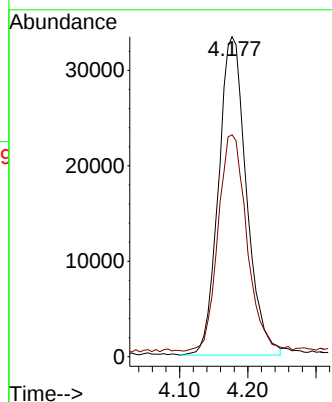
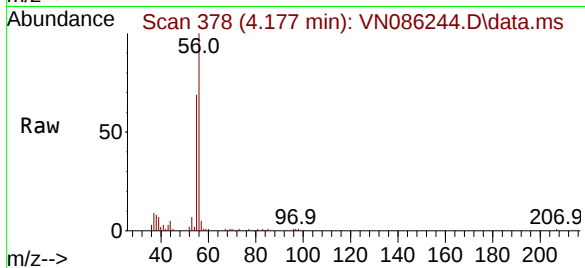
VSTDICC050

Tgt Ion: 56 Resp: 95048

Ion Ratio Lower Upper

56 100

55 69.9 56.5 84.7



#14

Acrylonitrile

Concen: 276.391 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

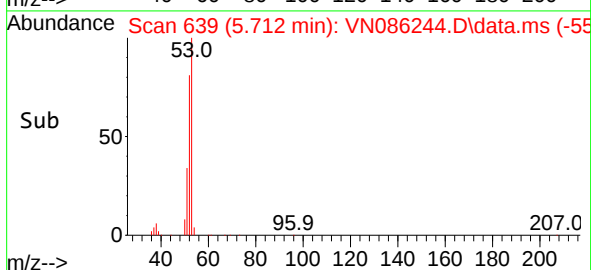
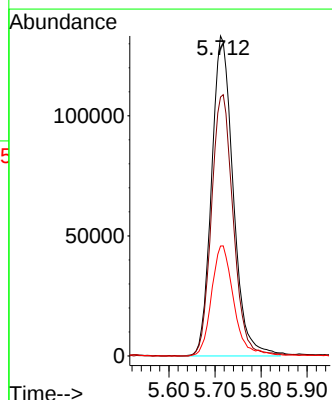
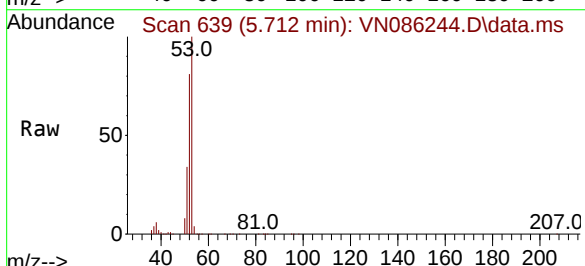
Tgt Ion: 53 Resp: 435610

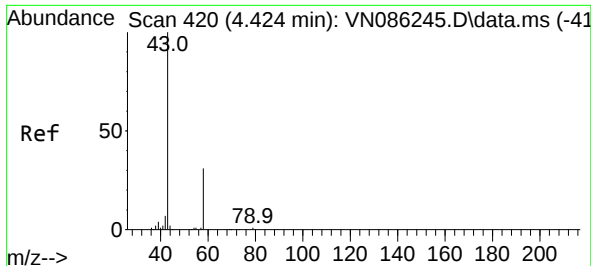
Ion Ratio Lower Upper

53 100

52 82.0 40.2 120.6

51 34.5 17.5 52.6

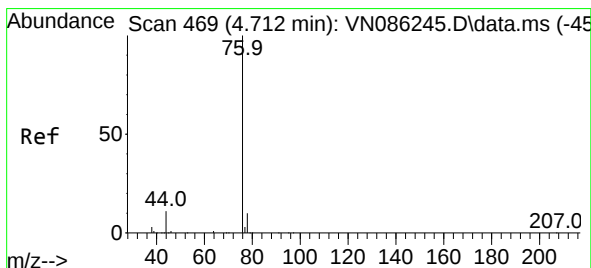
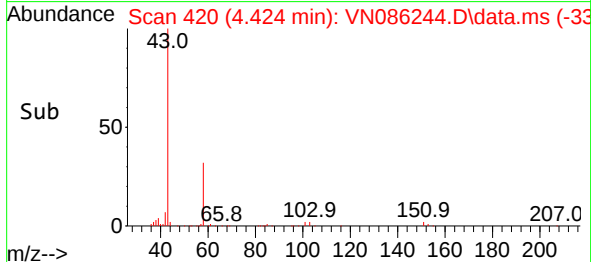
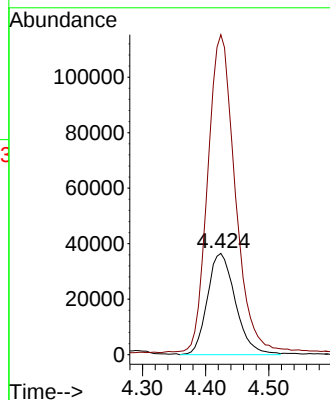
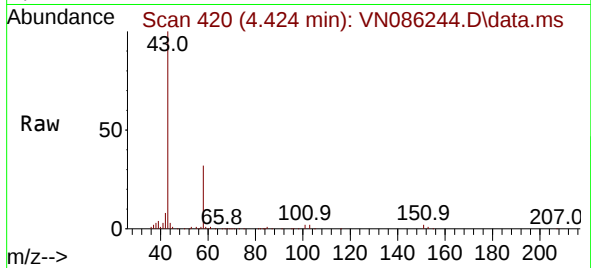




#15
Acetone
Concen: 281.504 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

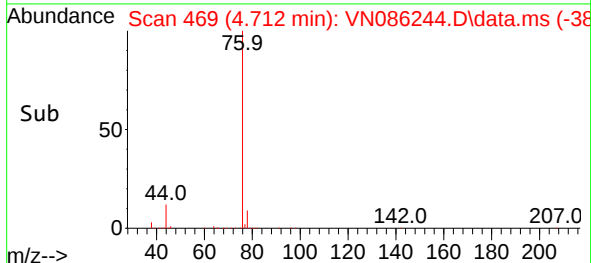
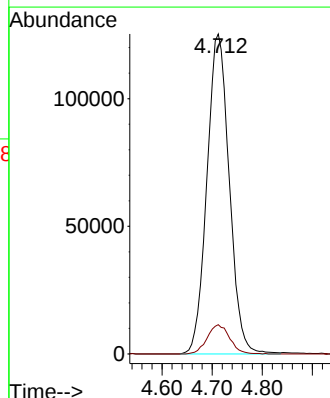
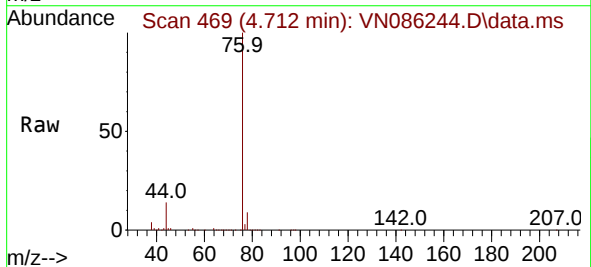
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

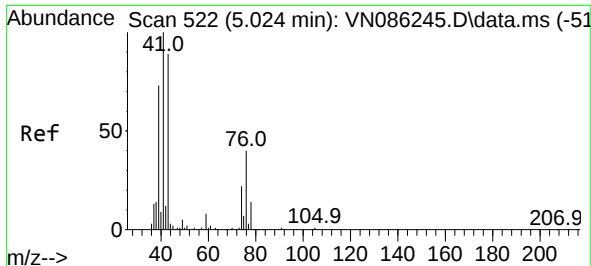
Tgt Ion: 58 Resp: 112588
Ion Ratio Lower Upper
58 100
43 312.3 261.8 392.8



#16
Carbon Disulfide
Concen: 51.220 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 76 Resp: 388287
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

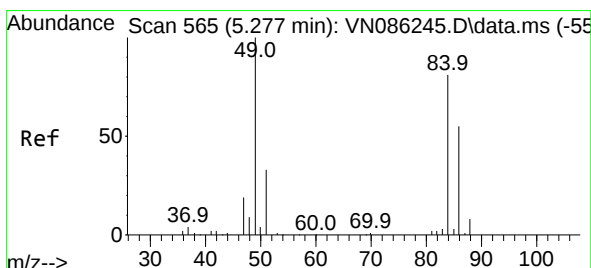
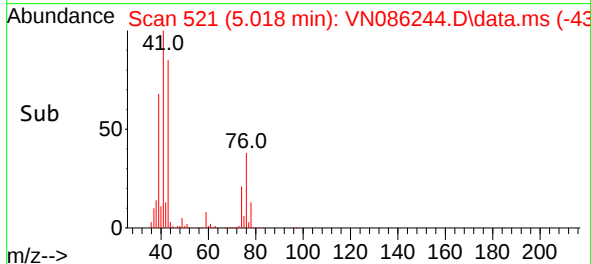
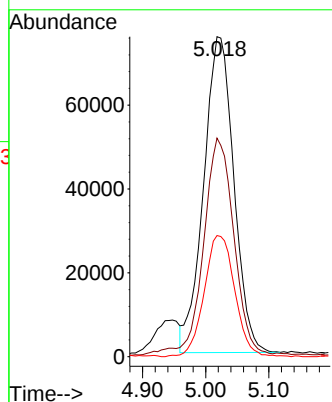
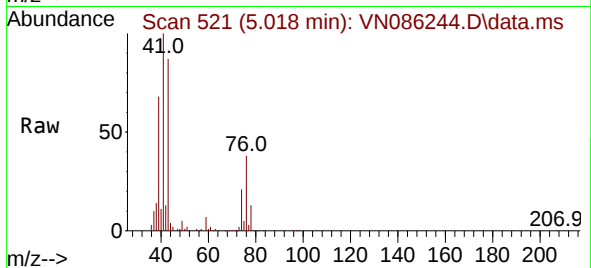




#17
 Allyl chloride
 Concen: 54.451 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

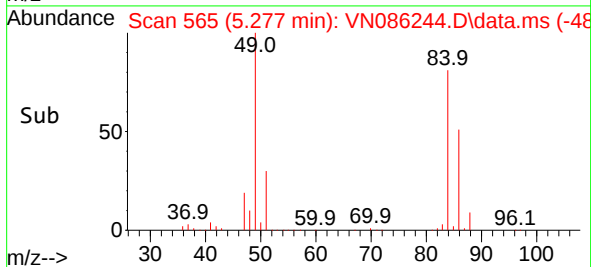
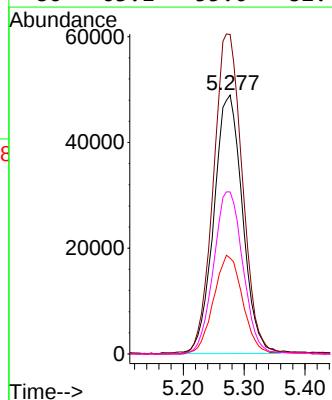
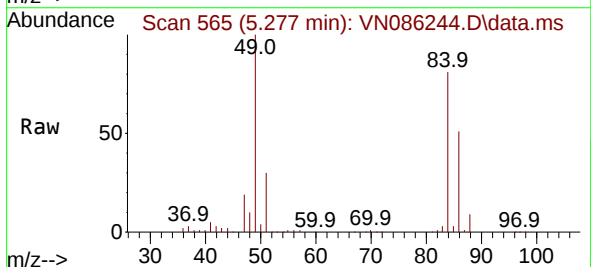
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

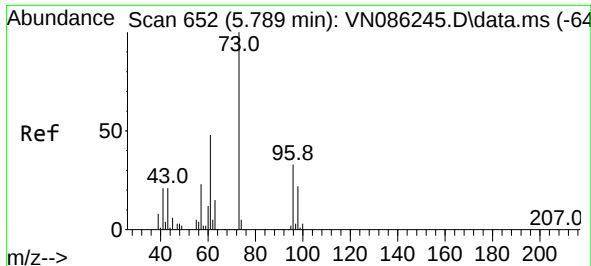
Tgt Ion: 41 Resp: 250898
 Ion Ratio Lower Upper
 41 100
 39 68.2 34.4 103.2
 76 38.1 18.8 56.3



#18
 Methylene Chloride
 Concen: 53.099 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

Tgt Ion: 84 Resp: 160052
 Ion Ratio Lower Upper
 84 100
 49 124.3 99.1 148.7
 51 37.3 32.3 48.5
 86 63.1 55.0 82.4

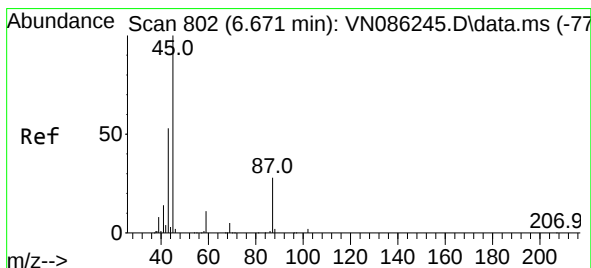
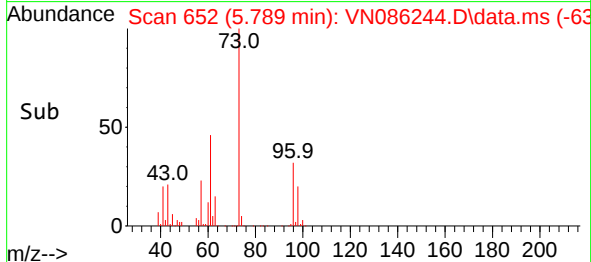
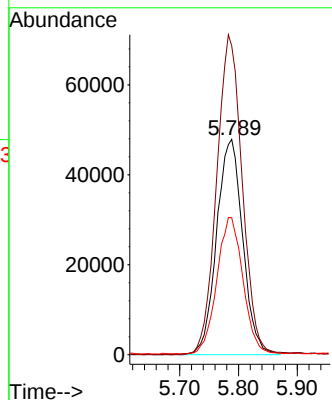
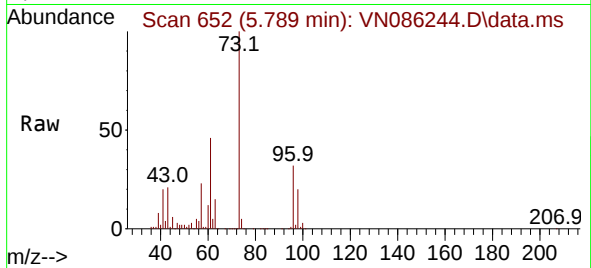




#19
trans-1,2-Dichloroethene
Concen: 62.042 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

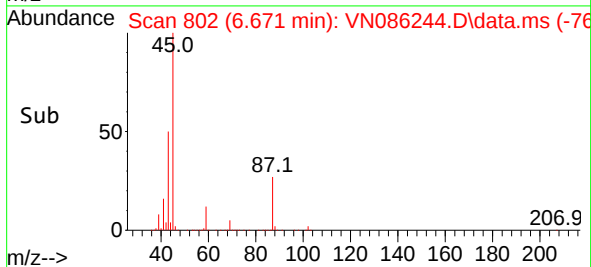
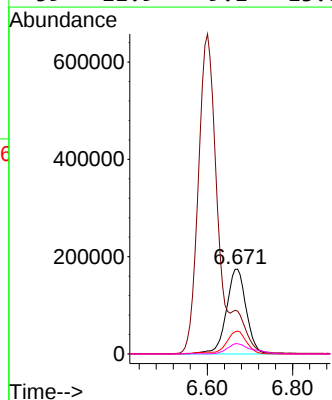
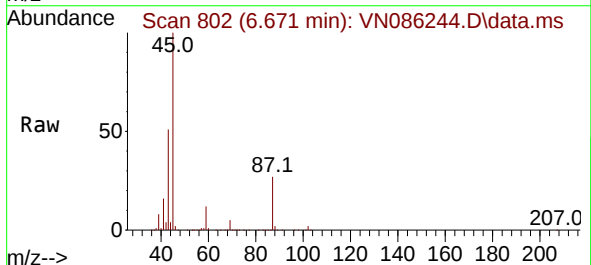
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

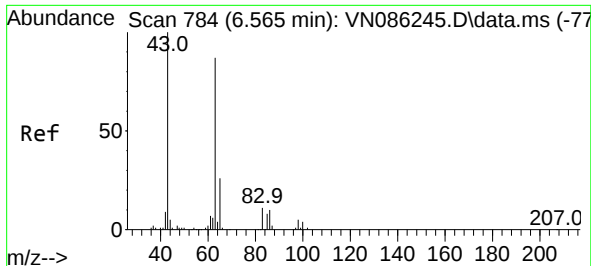
Tgt Ion: 96 Resp: 147953
Ion Ratio Lower Upper
96 100
61 143.4 115.9 173.9
98 63.2 52.1 78.1



#20
Diisopropyl ether
Concen: 56.516 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 45 Resp: 559920
Ion Ratio Lower Upper
45 100
43 49.4 42.3 63.5
87 27.1 22.2 33.4
59 11.9 9.1 13.7





#21

1,1-Dichloroethane

Concen: 55.639 ug/l

RT: 6.571 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

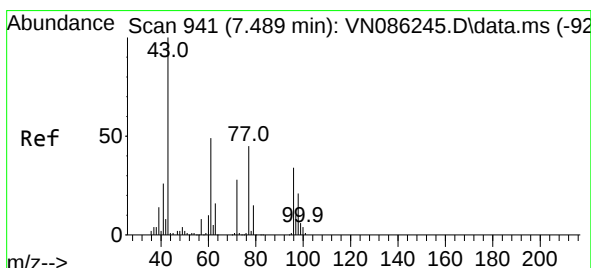
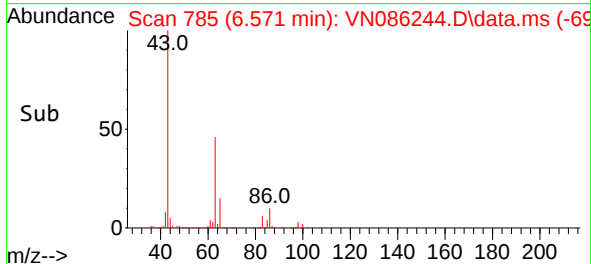
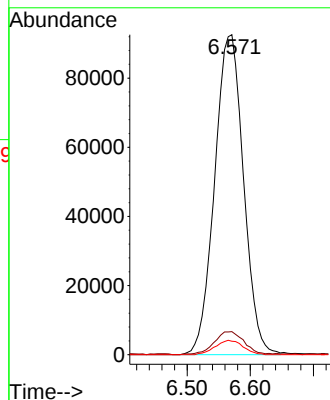
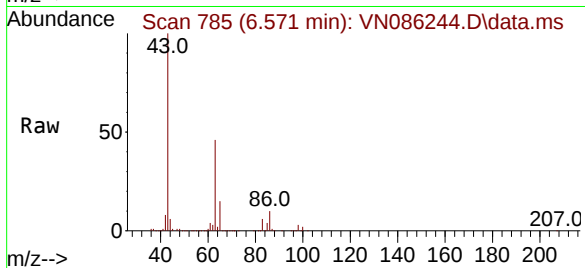
Tgt Ion: 63 Resp: 294059

Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.3

100 4.2 2.3 6.9



#22

cis-1,2-Dichloroethene

Concen: 54.098 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

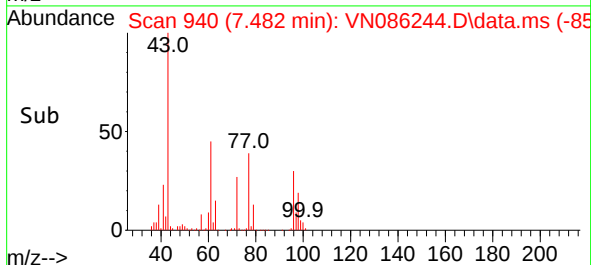
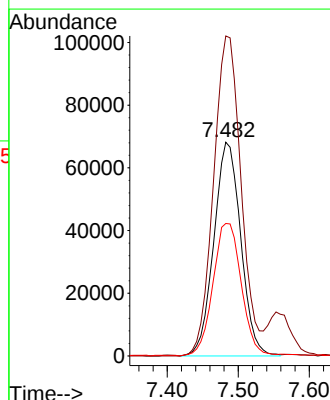
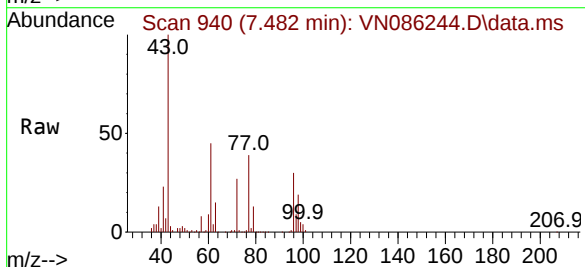
Tgt Ion: 96 Resp: 179457

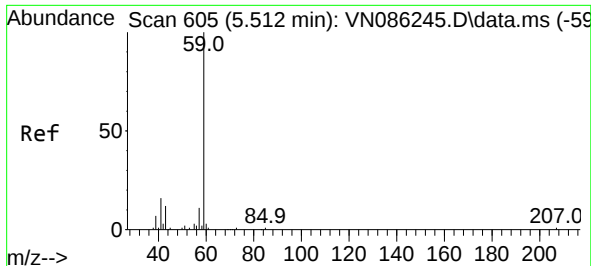
Ion Ratio Lower Upper

96 100

61 153.7 119.5 179.3

98 65.1 51.0 76.6

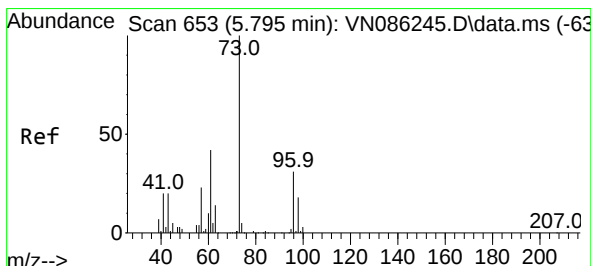
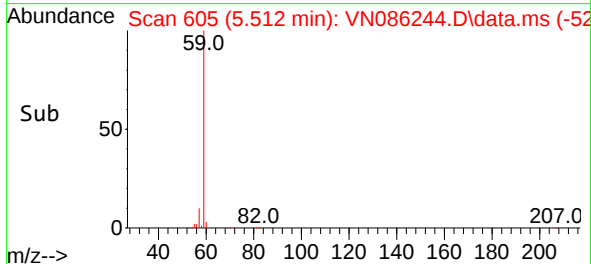
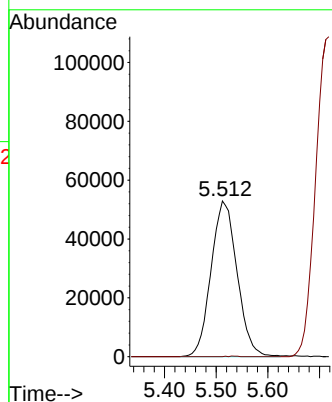
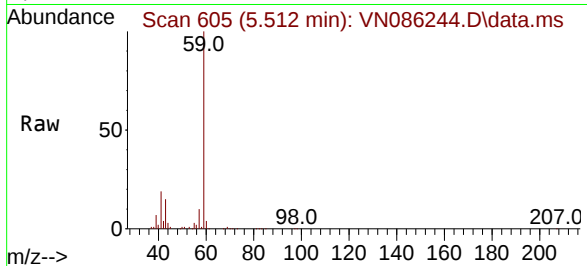




#23
tert-Butyl Alcohol
Concen: 283.431 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

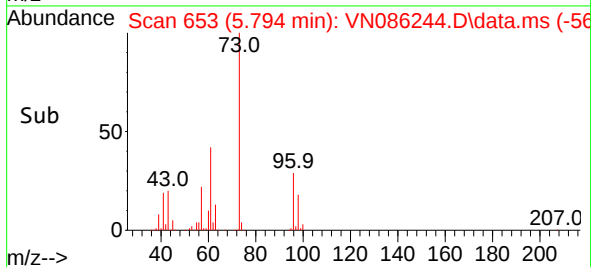
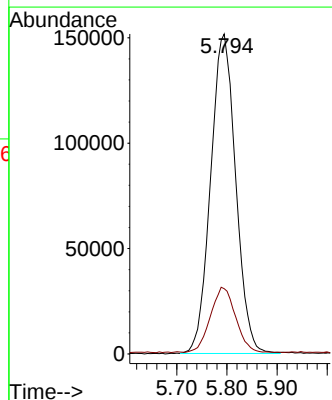
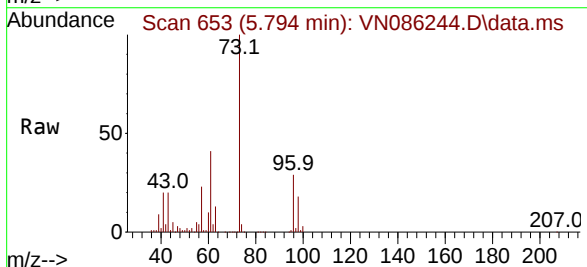
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

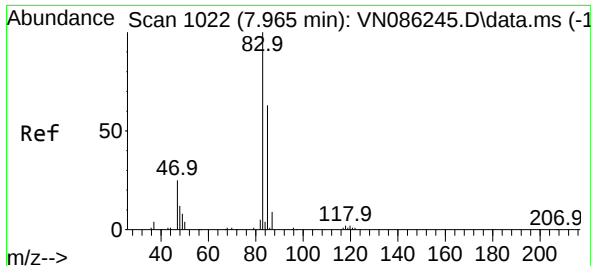
Tgt Ion: 59 Resp: 185093
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 55.313 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 73 Resp: 526838
Ion Ratio Lower Upper
73 100
43 20.3 16.8 25.2

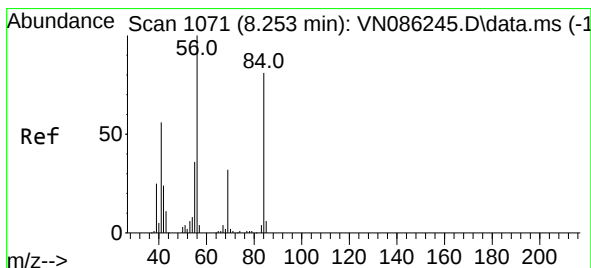
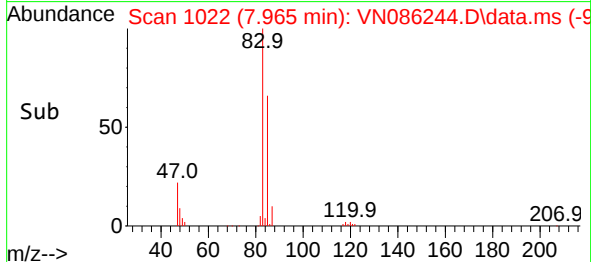
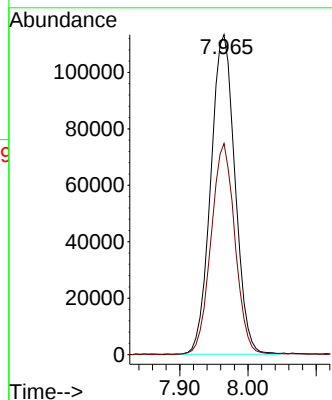
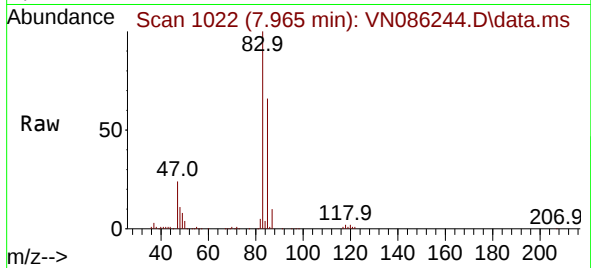




#25
Chloroform
Concen: 55.484 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

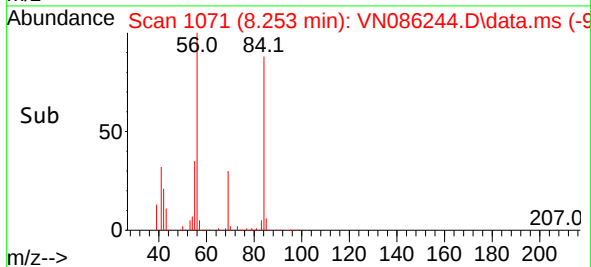
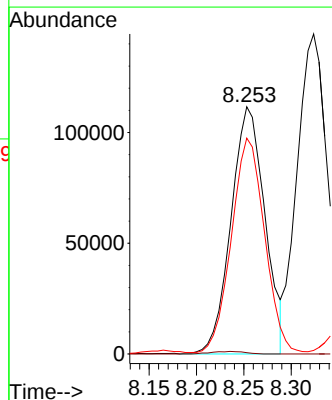
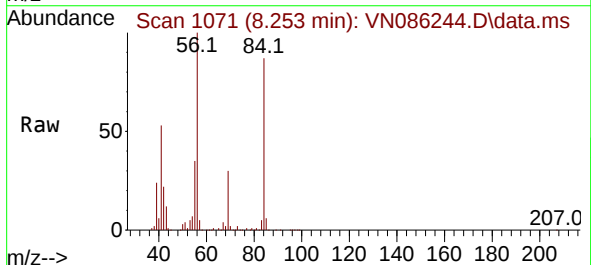
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

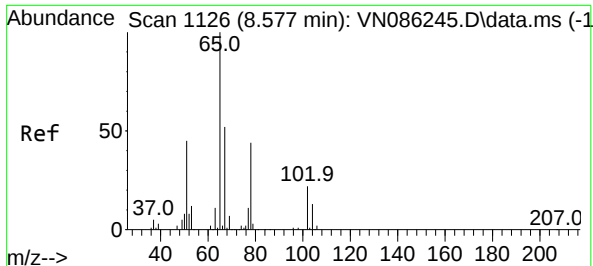
Tgt Ion: 83 Resp: 279630
Ion Ratio Lower Upper
83 100
85 65.9 50.5 75.7



#26
Cyclohexane
Concen: 56.272 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 56 Resp: 278241
Ion Ratio Lower Upper
56 100
89 1.0 0.0 0.0#
84 86.0 69.0 103.4

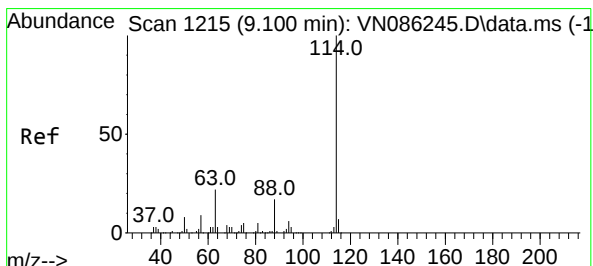
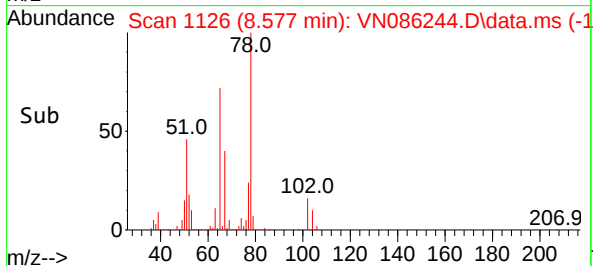
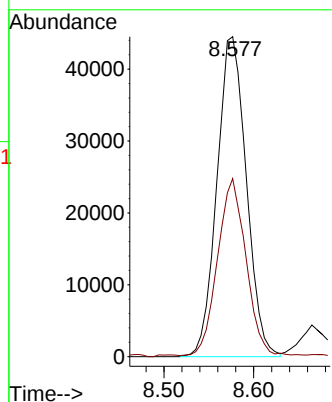
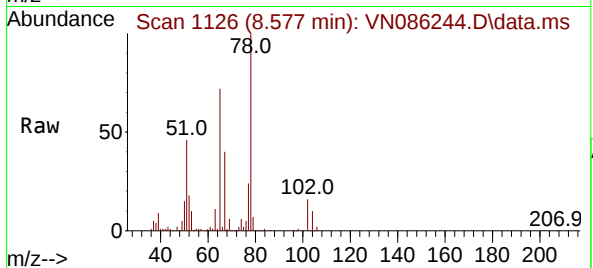




#27
1,2-Dichloroethane-d4
Concen: 29.892 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

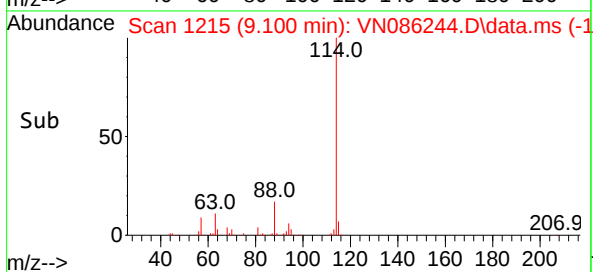
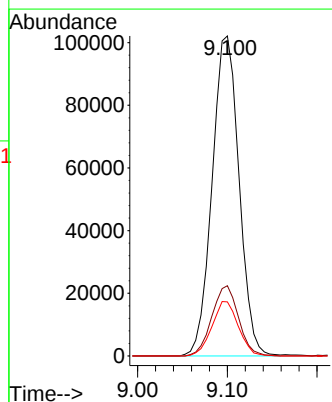
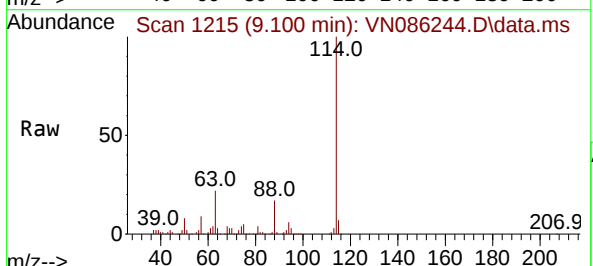
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

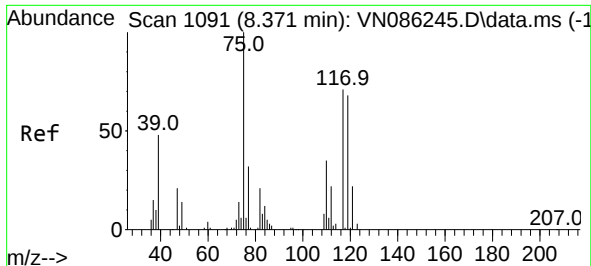
Tgt Ion: 65 Resp: 101225
Ion Ratio Lower Upper
65 100
67 53.0 43.4 65.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 114 Resp: 212849
Ion Ratio Lower Upper
114 100
63 21.7 17.8 26.6
88 16.7 13.4 20.2

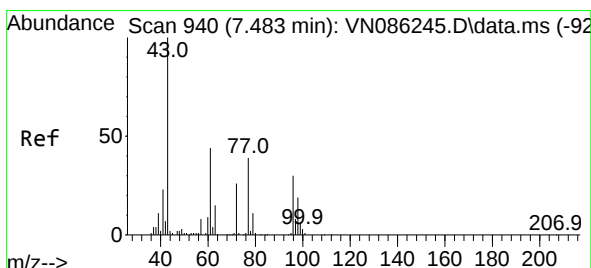
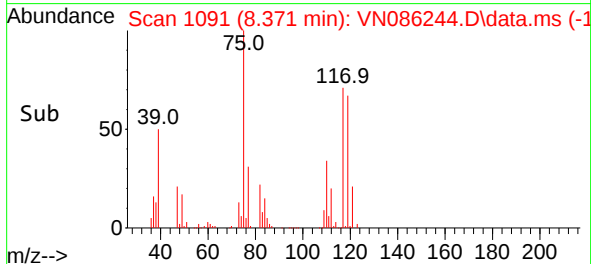
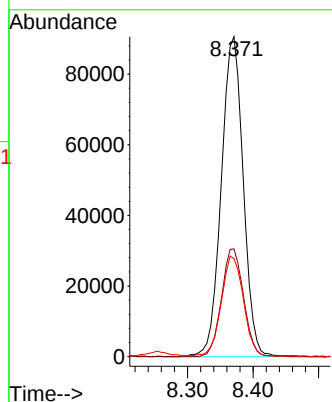
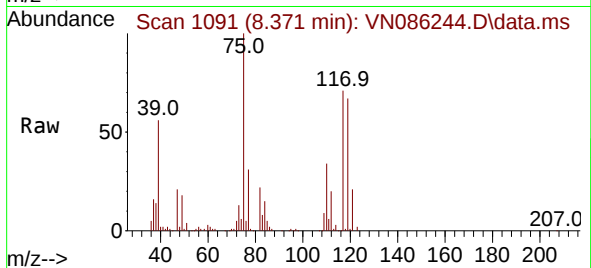




#29
1,1-Dichloropropene
Concen: 55.081 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

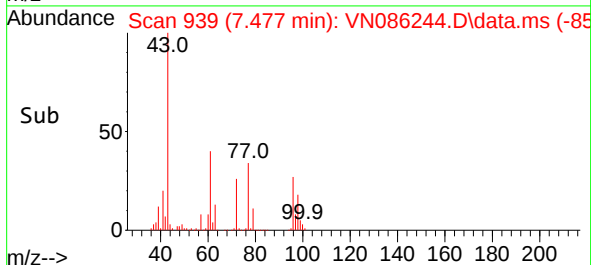
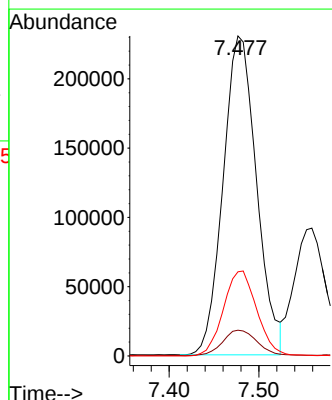
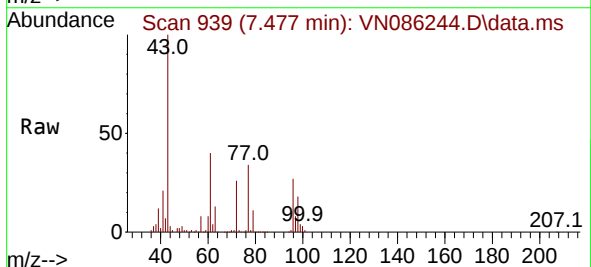
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

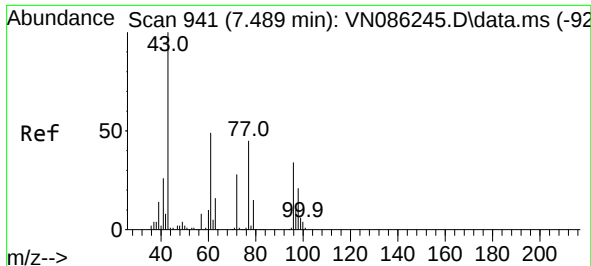
Tgt Ion: 75 Resp: 210025
Ion Ratio Lower Upper
75 100
110 33.9 0.0 68.6
77 31.4 0.0 63.8



#30
2-Butanone
Concen: 282.334 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 43 Resp: 596520
Ion Ratio Lower Upper
43 100
57 8.3 6.4 9.6
72 26.5 21.5 32.3

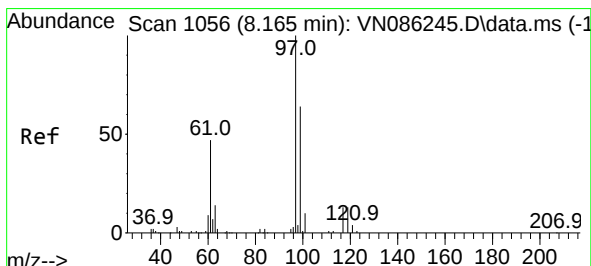
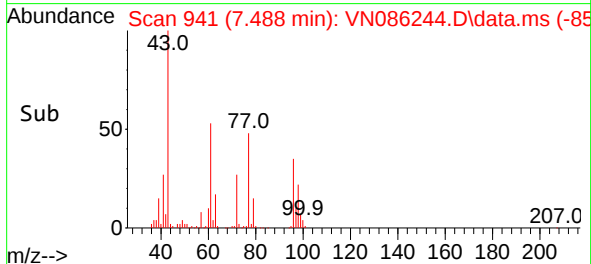
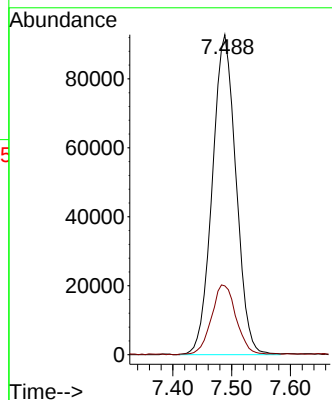
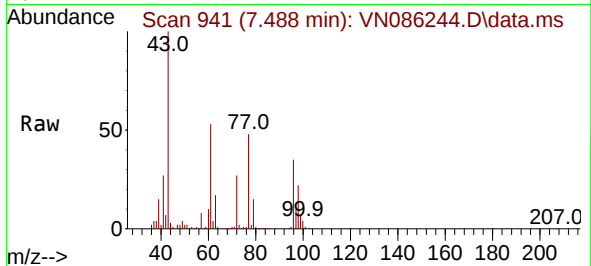




#31
2,2-Dichloropropane
Concen: 55.404 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

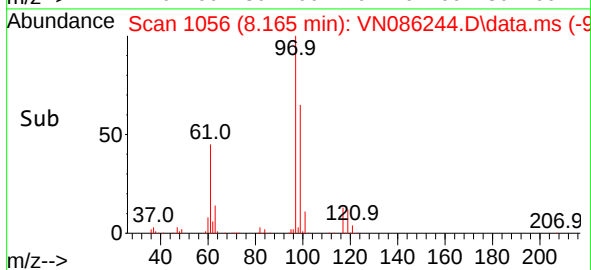
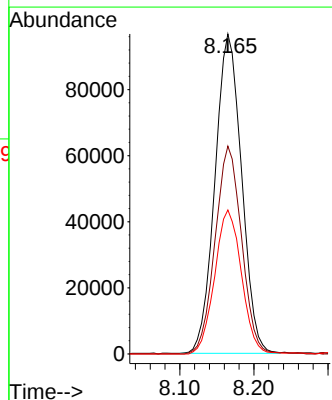
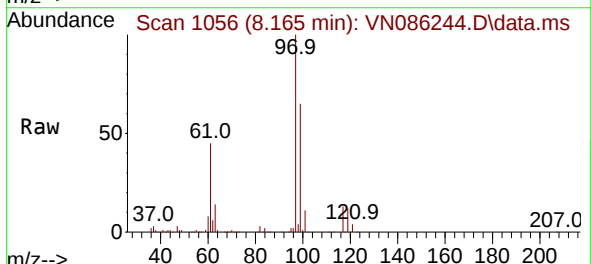
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

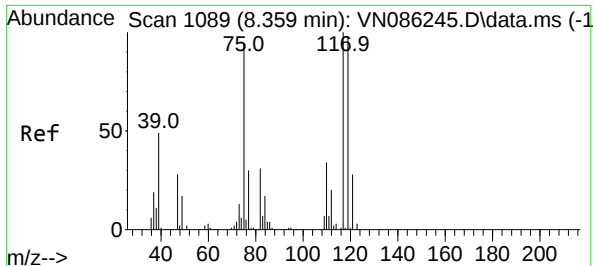
Tgt Ion: 77 Resp: 260037
Ion Ratio Lower Upper
77 100
97 22.2 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 54.920 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 97 Resp: 240887
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 45.4 37.0 55.6

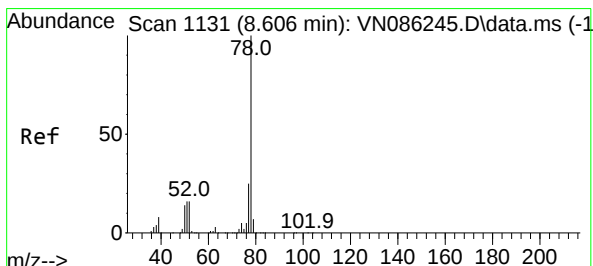
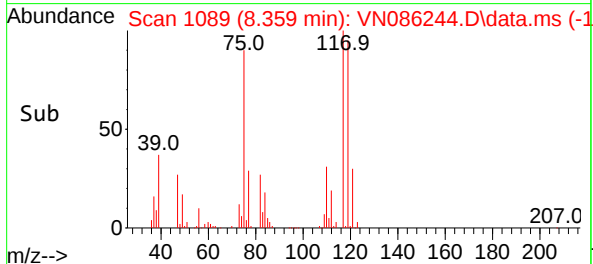
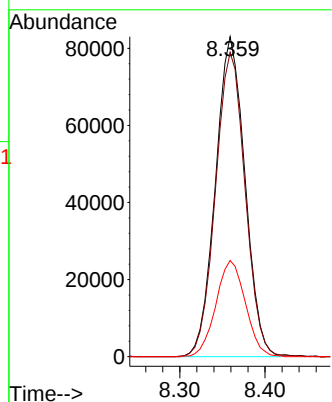
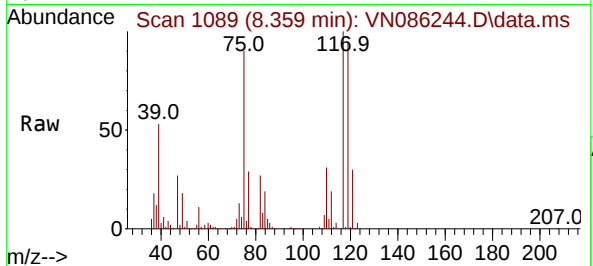




#33
Carbon Tetrachloride
Concen: 56.865 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

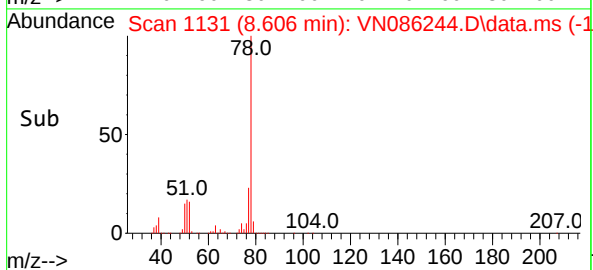
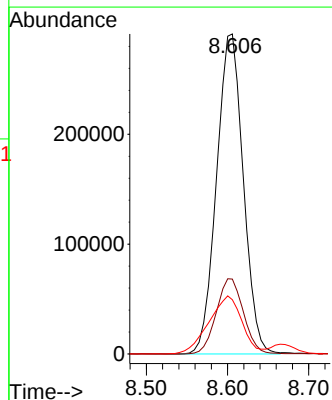
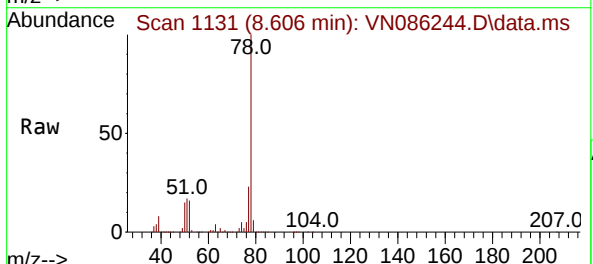
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

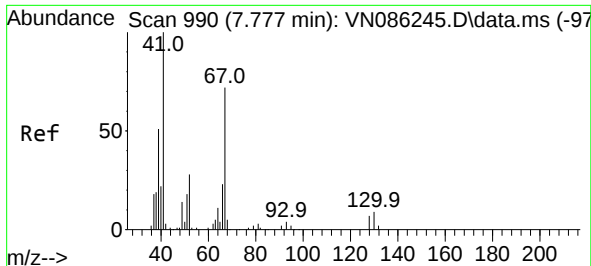
Tgt Ion:117 Resp: 199323
Ion Ratio Lower Upper
117 100
119 94.9 78.3 117.5
121 30.0 22.5 33.7



#34
Benzene
Concen: 54.974 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 78 Resp: 666877
Ion Ratio Lower Upper
78 100
77 23.4 20.0 30.0
51 16.4 12.9 19.3



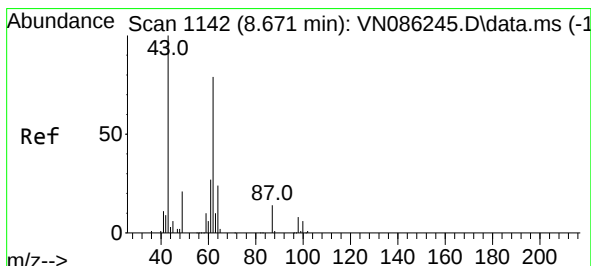
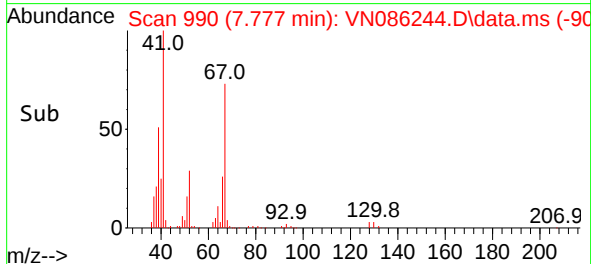
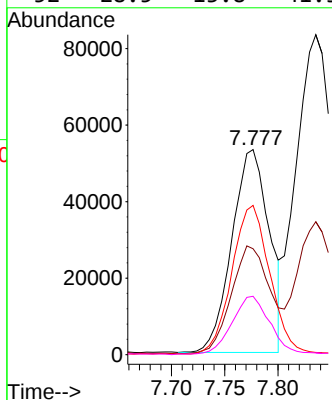
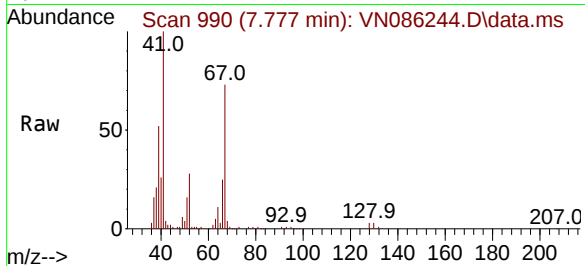


#35
Methacrylonitrile
Concen: 54.448 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 41 Resp: 129688

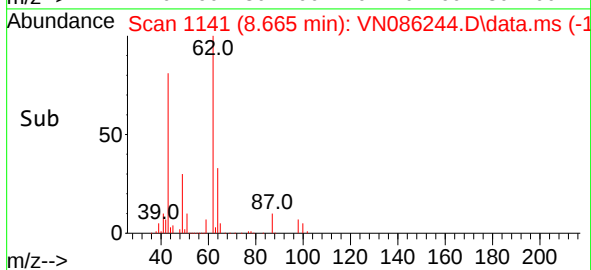
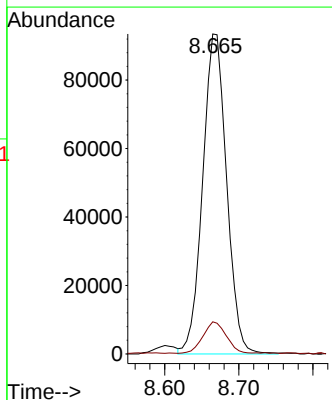
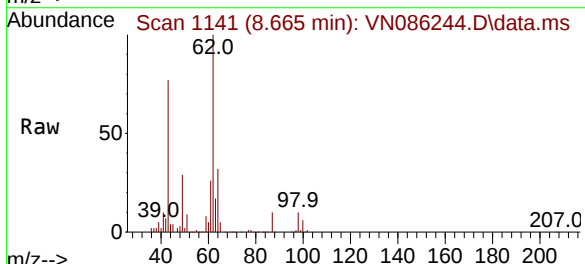
Ion	Ratio	Lower	Upper
41	100		
39	51.4	25.8	77.3
67	73.1	36.0	108.0
52	28.5	13.8	41.3

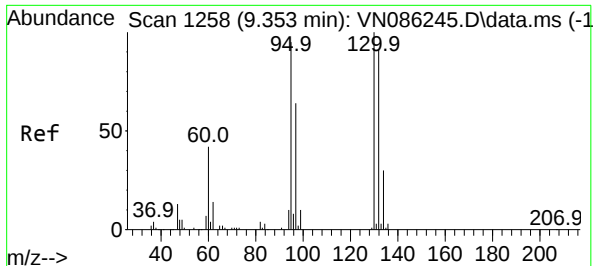


#36
1,2-Dichloroethane
Concen: 55.252 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 62 Resp: 209738

Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.6	12.8





#37

Trichloroethene

Concen: 56.109 ug/l

RT: 9.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

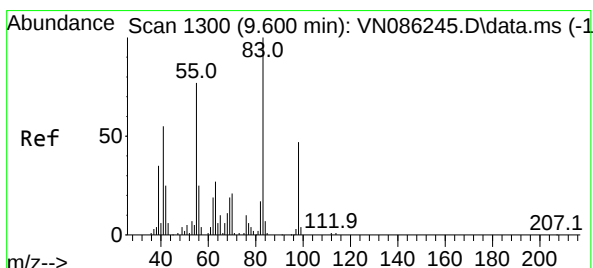
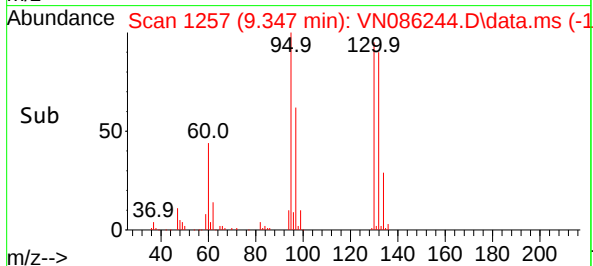
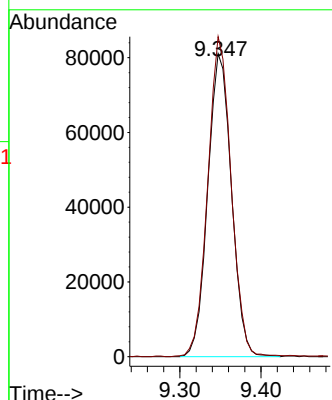
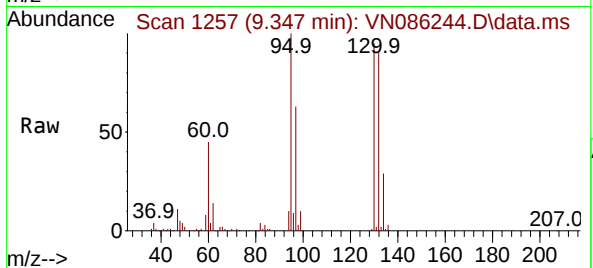
VSTDIC050

Tgt Ion:130 Resp: 164224

Ion Ratio Lower Upper

130 100

95 105.2 76.4 114.6



#38

Methylcyclohexane

Concen: 54.191 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

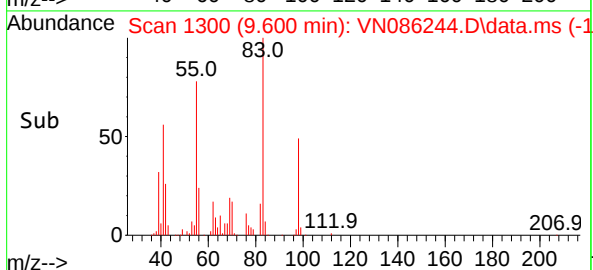
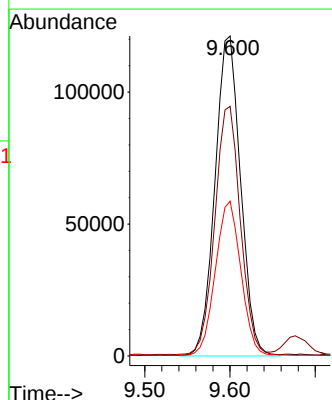
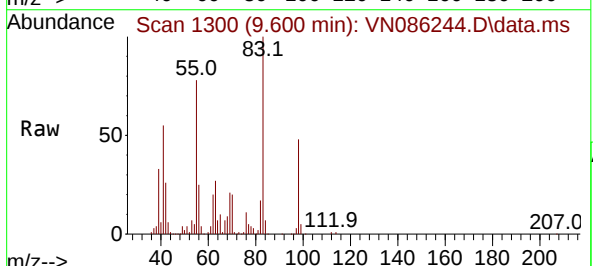
Tgt Ion: 83 Resp: 253415

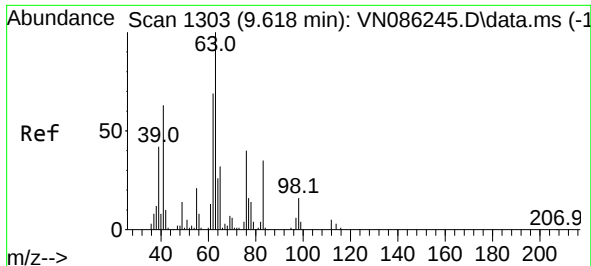
Ion Ratio Lower Upper

83 100

55 77.0 38.5 115.5

98 47.8 24.4 73.2





#39

1,2-Dichloropropane

Concen: 55.783 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

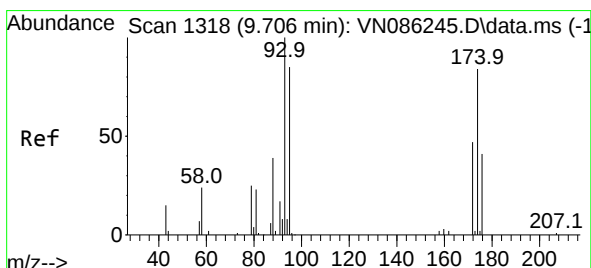
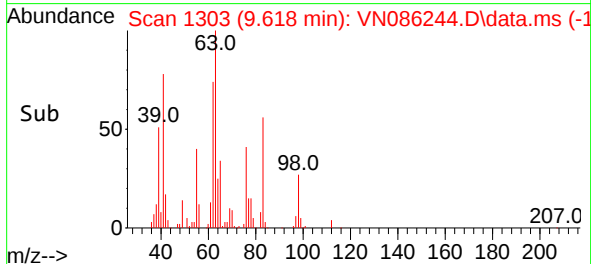
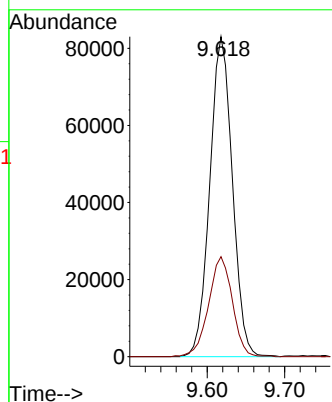
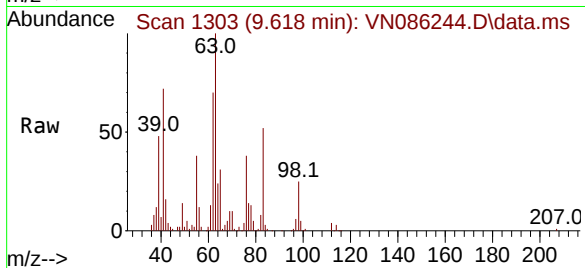
VSTDIC050

Tgt Ion: 63 Resp: 168378

Ion Ratio Lower Upper

63 100

65 31.2 26.0 39.0



#40

Dibromomethane

Concen: 54.730 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

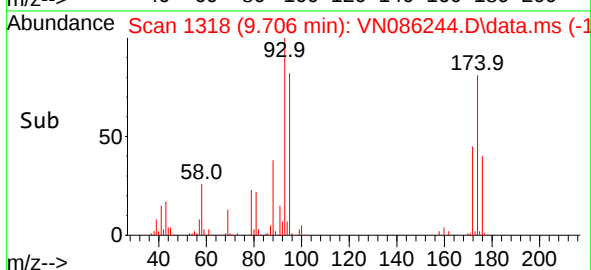
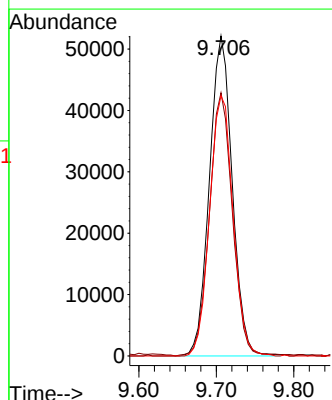
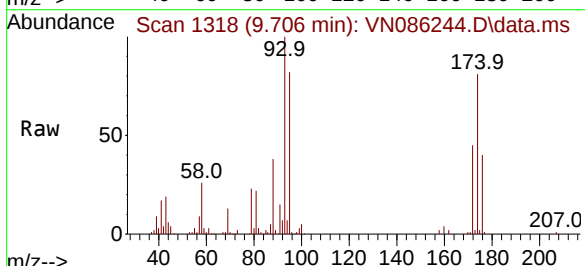
Tgt Ion: 93 Resp: 106697

Ion Ratio Lower Upper

93 100

95 82.5 0.0 169.0

174 83.6 0.0 168.0

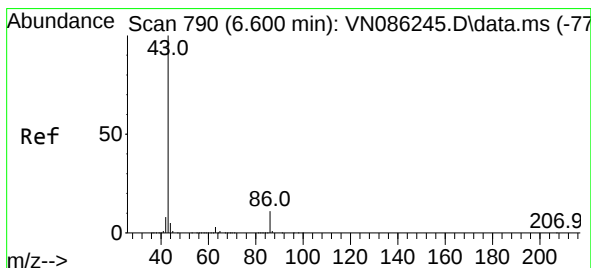
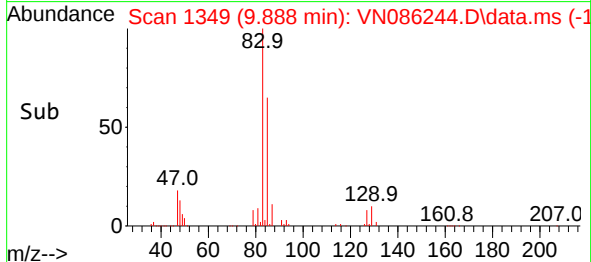
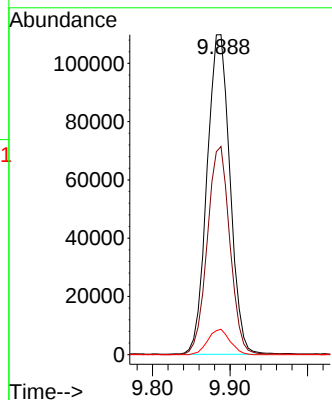
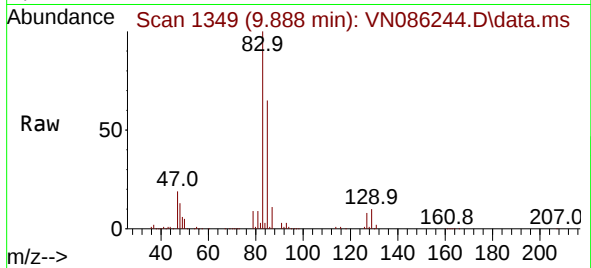




#41
Bromodichloromethane
Concen: 53.865 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

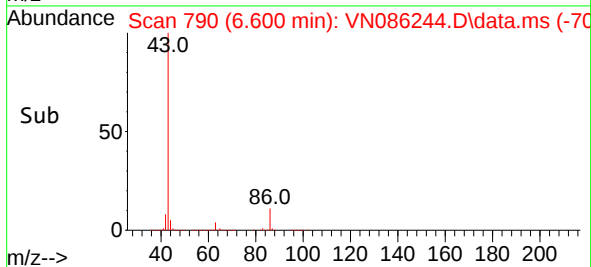
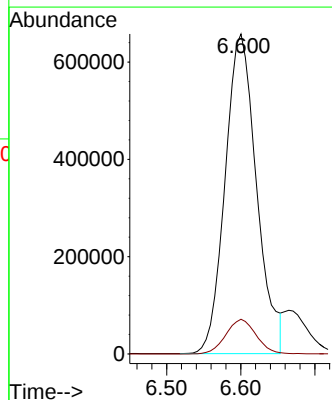
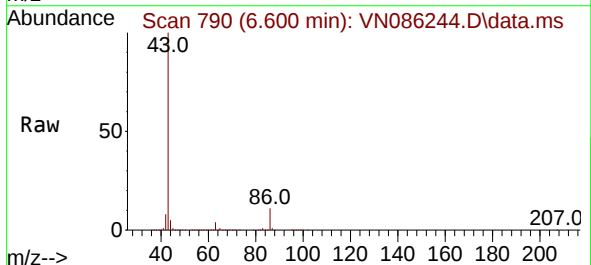
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

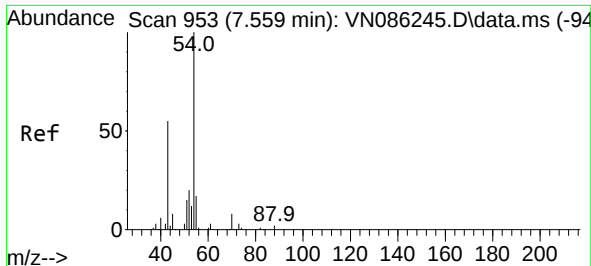
Tgt Ion: 83 Resp: 225600
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.2
127 8.0 6.2 9.4



#42
Vinyl Acetate
Concen: 269.341 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 43 Resp: 1937093
Ion Ratio Lower Upper
43 100
86 10.5 8.4 12.6

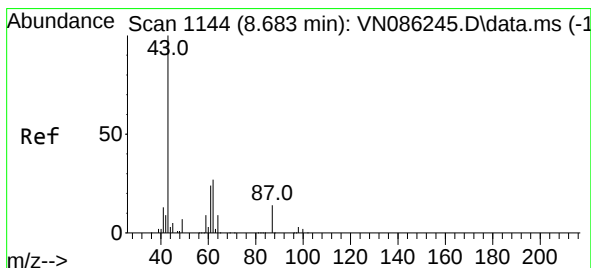
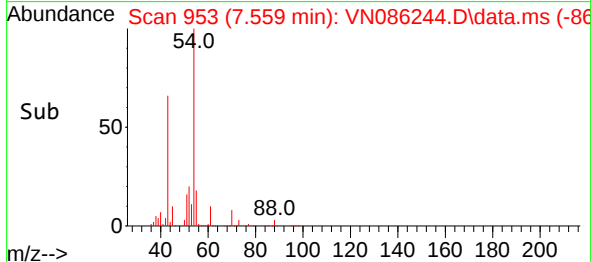
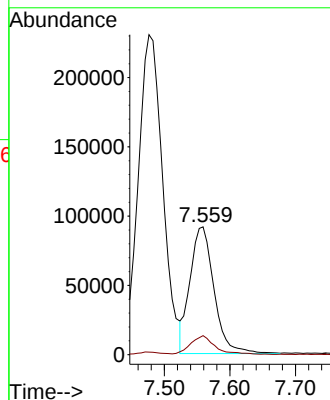
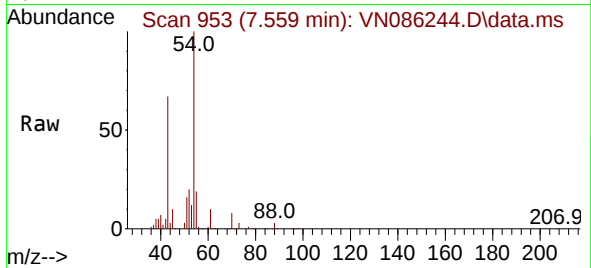




#43
Ethyl Acetate
Concen: 54.775 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

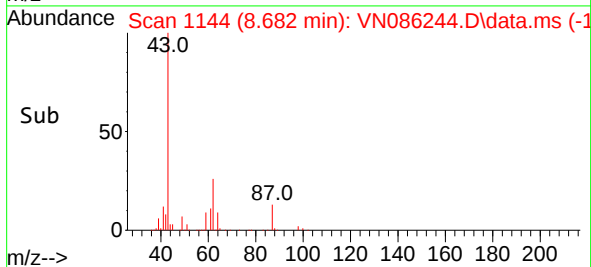
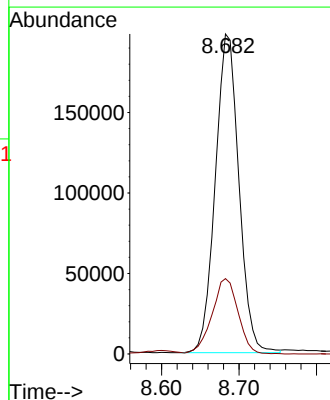
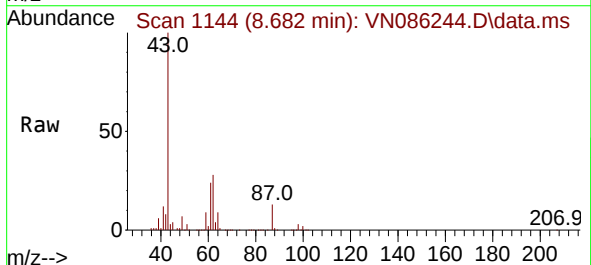
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

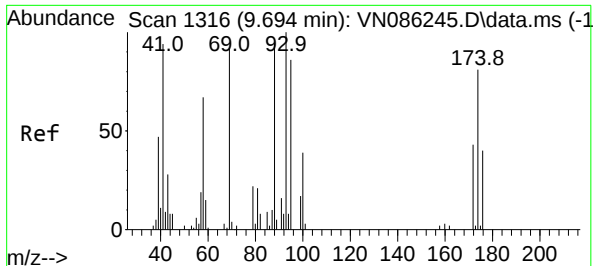
Tgt Ion: 43 Resp: 233433
Ion Ratio Lower Upper
43 100
45 14.6 11.2 16.8



#44
Isopropyl Acetate
Concen: 53.034 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 43 Resp: 419280
Ion Ratio Lower Upper
43 100
61 26.1 20.5 30.7

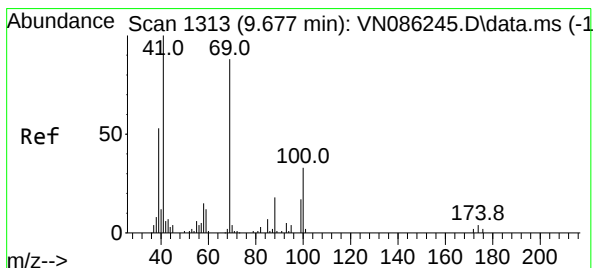
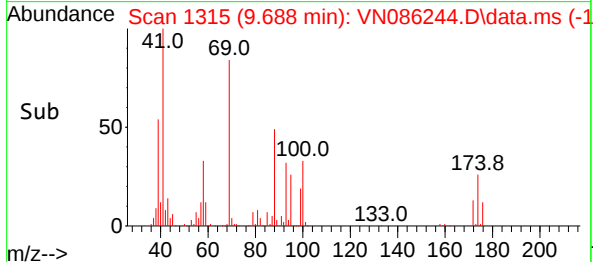
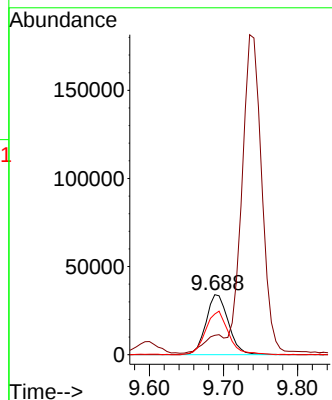
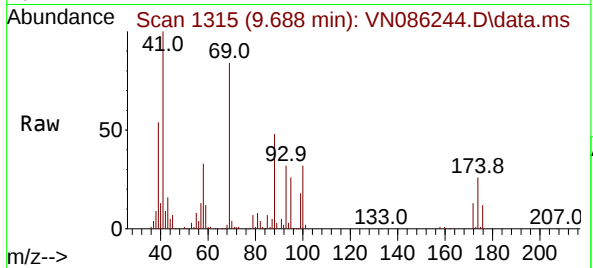




#45
1,4-Dioxane
Concen: 1134.960 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

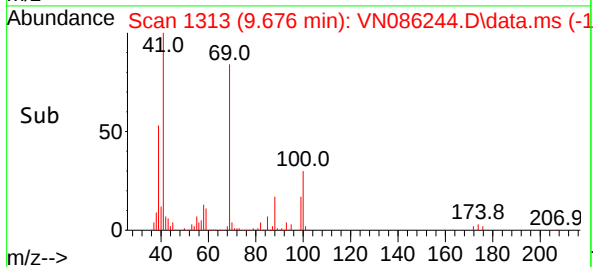
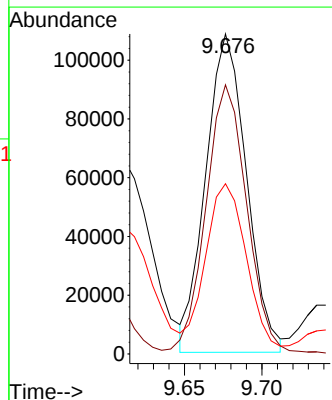
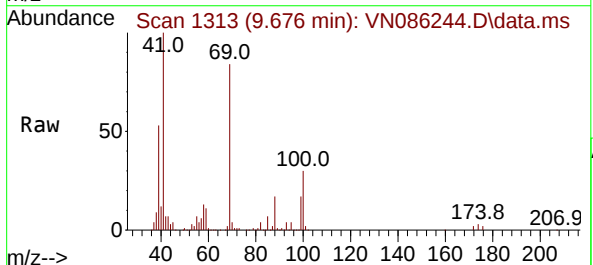
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

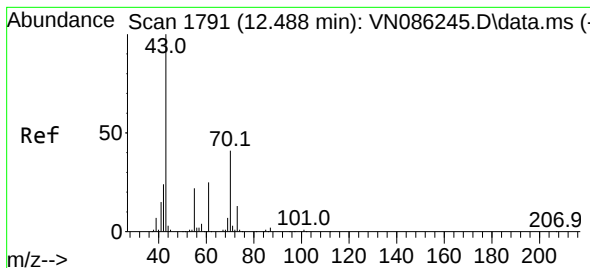
Tgt Ion: 88 Resp: 71351
Ion Ratio Lower Upper
88 100
43 27.1 14.4 21.6#
58 74.0 59.8 89.8



#46
Methyl methacrylate
Concen: 56.778 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 41 Resp: 197782
Ion Ratio Lower Upper
41 100
69 85.6 43.2 129.6
39 53.3 26.4 79.0





#47

n-amy1 Acetate

Concen: 55.417 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

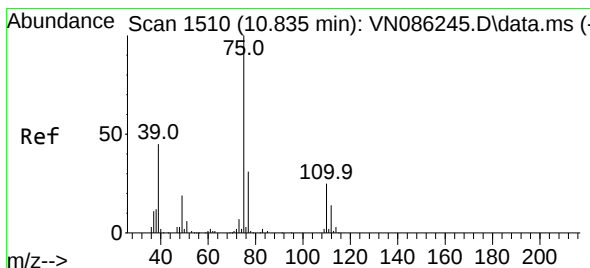
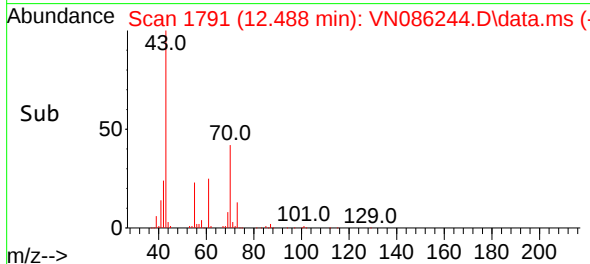
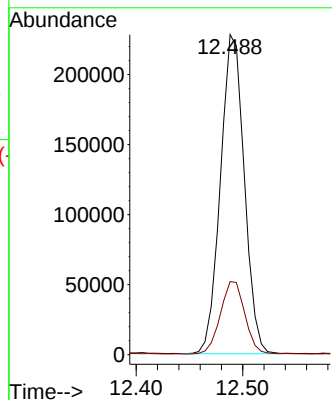
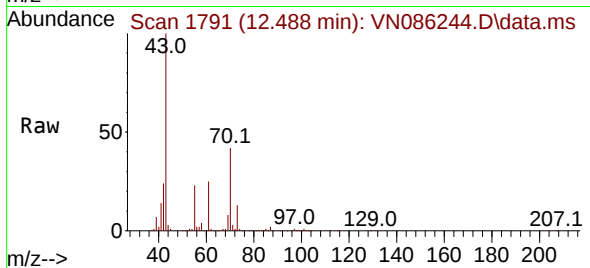
VSTDIC050

Tgt Ion: 43 Resp: 354004

Ion Ratio Lower Upper

43 100

55 23.3 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 55.817 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN086244.D

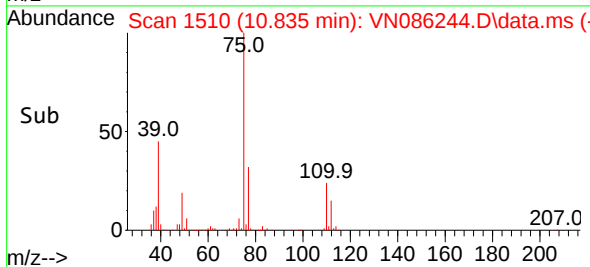
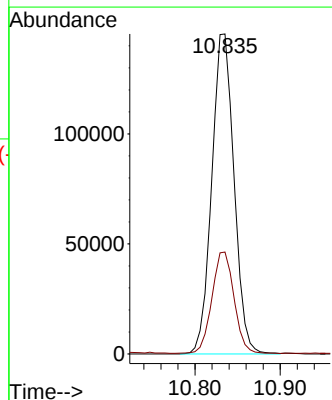
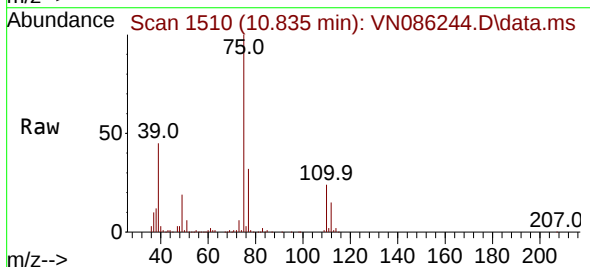
Acq: 11 Apr 2025 11:52

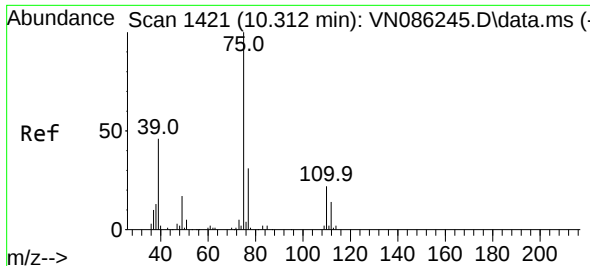
Tgt Ion: 75 Resp: 264279

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

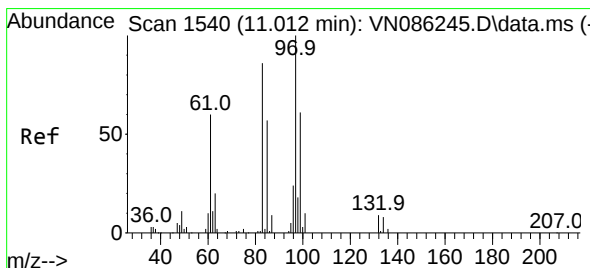
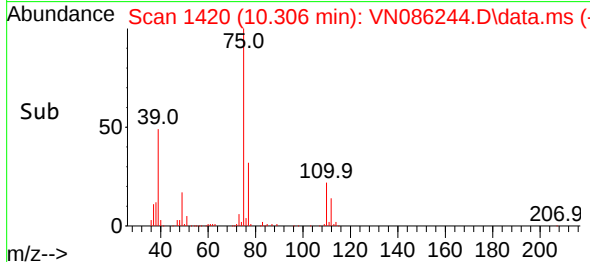
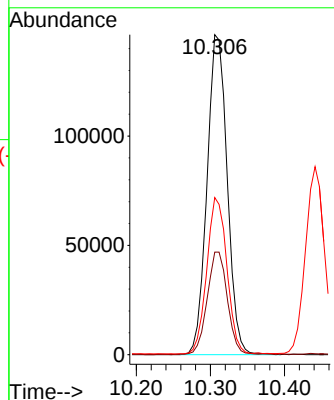
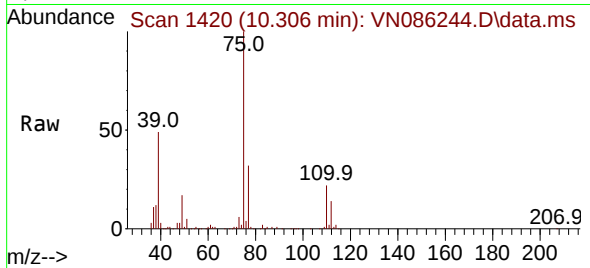




#49
 cis-1,3-Dichloropropene
 Concen: 55.377 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

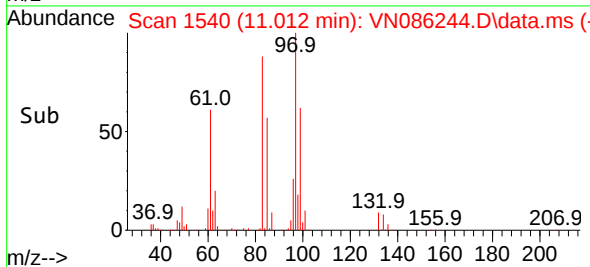
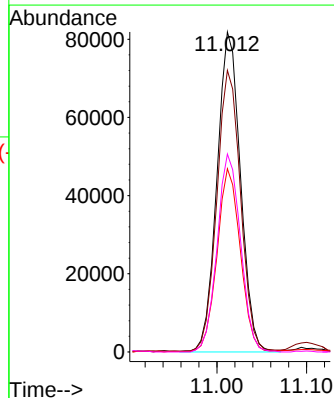
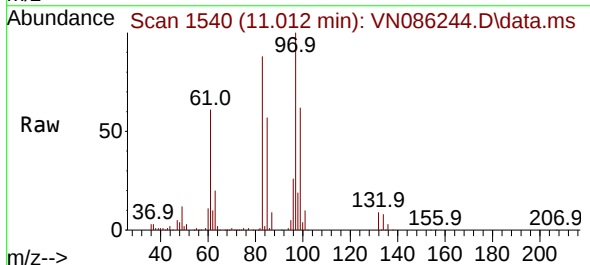
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

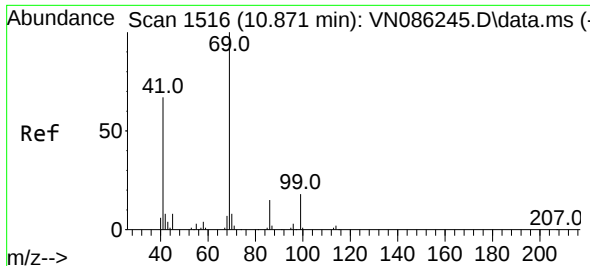
Tgt Ion: 75 Resp: 277506
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4
 39 48.8 36.7 55.1



#50
 1,1,2-Trichloroethane
 Concen: 54.493 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

Tgt Ion: 97 Resp: 149001
 Ion Ratio Lower Upper
 97 100
 83 88.0 68.6 103.0
 85 57.2 45.9 68.9
 99 62.0 48.6 73.0

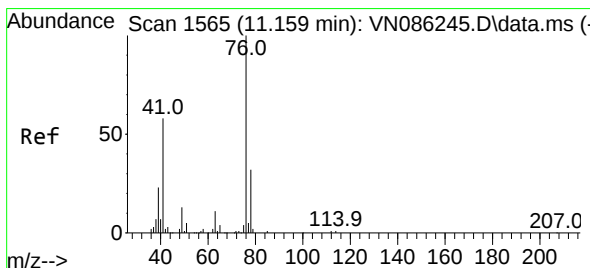
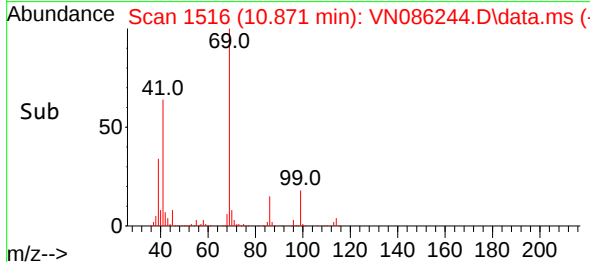
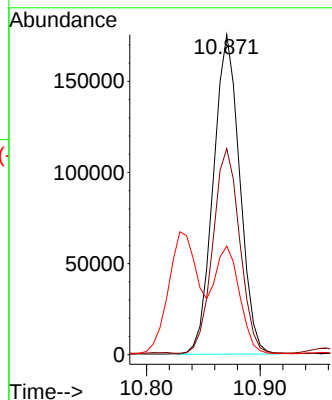
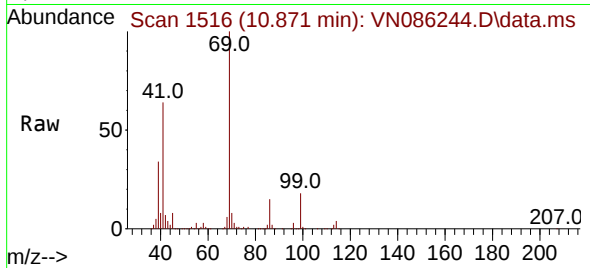




#51
Ethyl methacrylate
Concen: 55.717 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

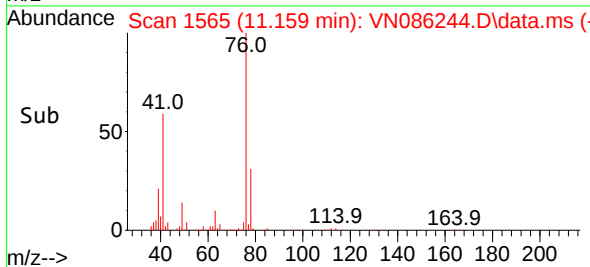
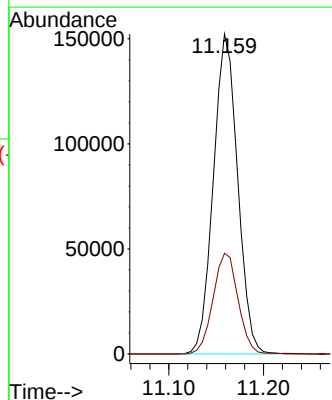
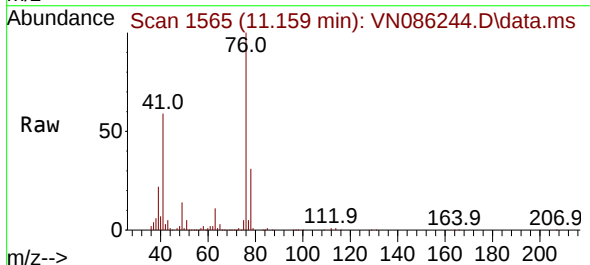
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

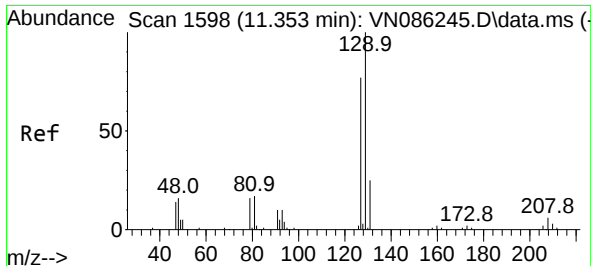
Tgt Ion: 69 Resp: 283112
Ion Ratio Lower Upper
69 100
41 64.1 33.6 100.6
39 33.6 17.8 53.4



#52
1,3-Dichloropropane
Concen: 55.609 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 76 Resp: 271010
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.6

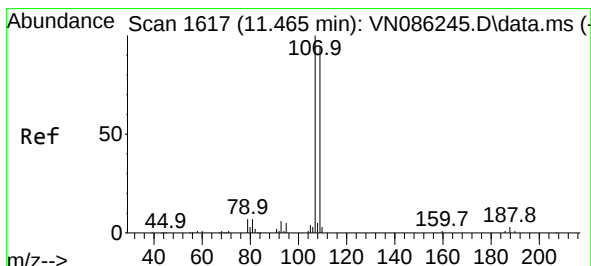
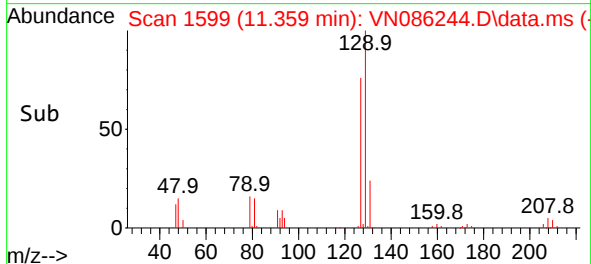
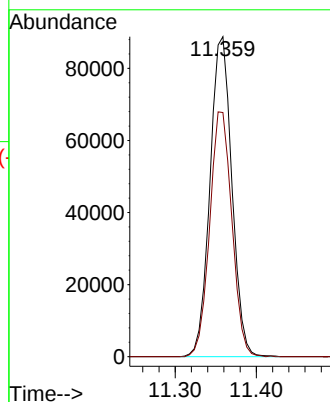
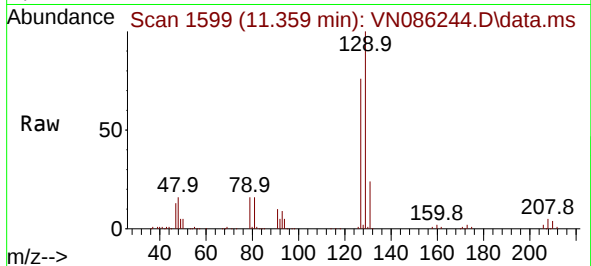




#53
Dibromochloromethane
Concen: 55.616 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

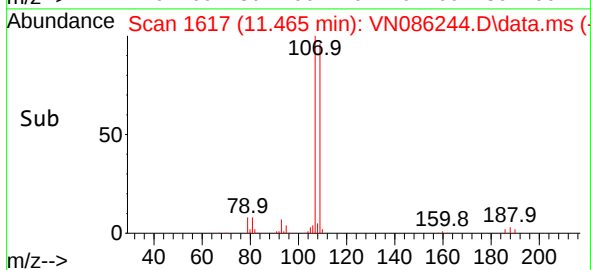
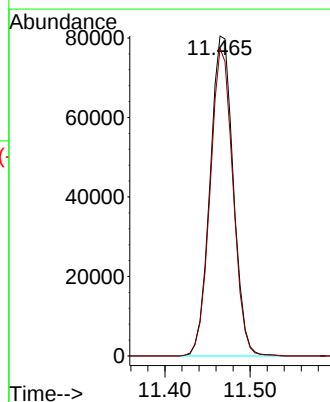
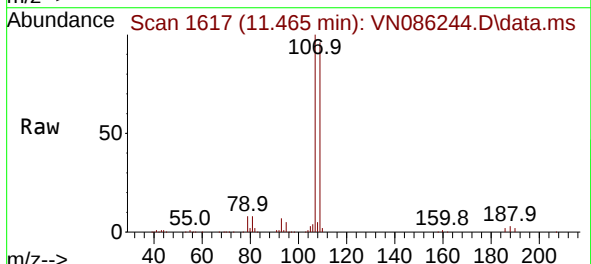
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

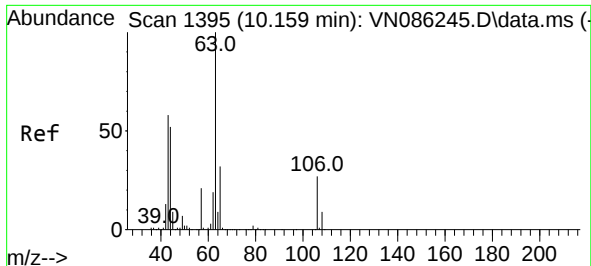
Tgt Ion:129 Resp: 166341
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5



#54
1,2-Dibromoethane
Concen: 55.141 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion:107 Resp: 152197
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

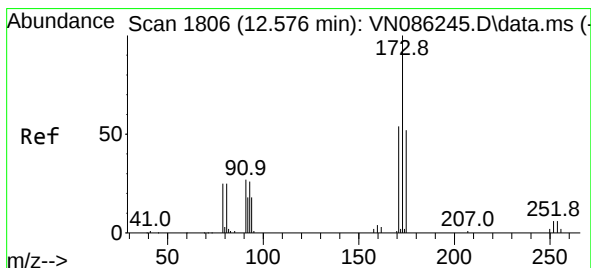
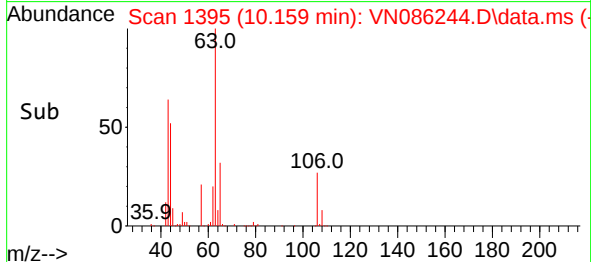
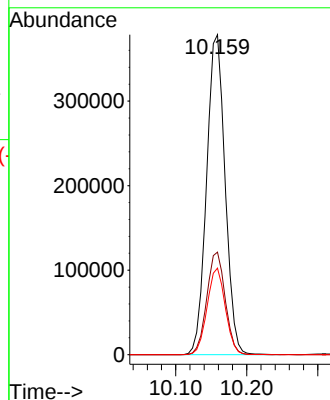
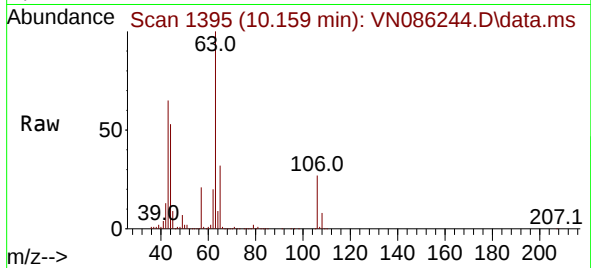




#55
2-Chloroethyl vinyl ether
Concen: 357.238 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

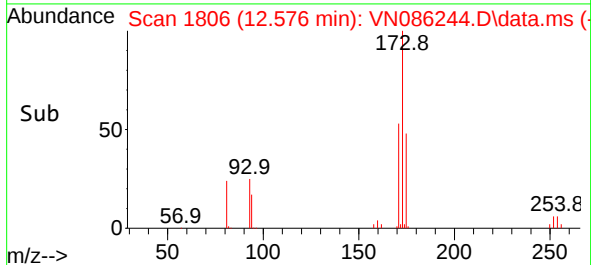
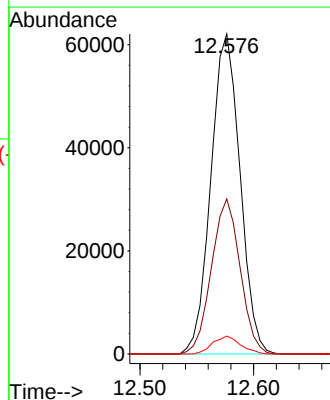
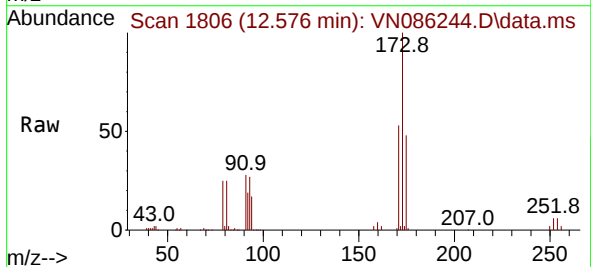
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

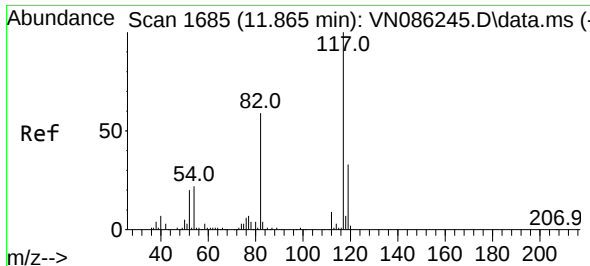
Tgt Ion: 63 Resp: 685916
Ion Ratio Lower Upper
63 100
65 31.9 25.8 38.8
106 26.7 21.8 32.8



#56
Bromoform
Concen: 56.534 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 173 Resp: 110623
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.4
254 5.3 4.5 6.7

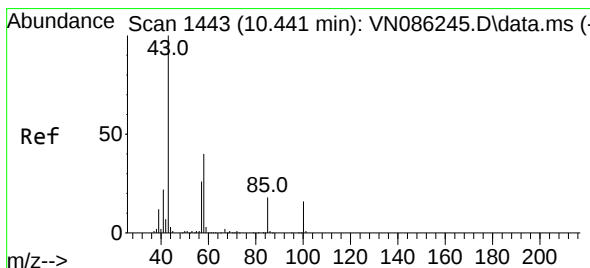
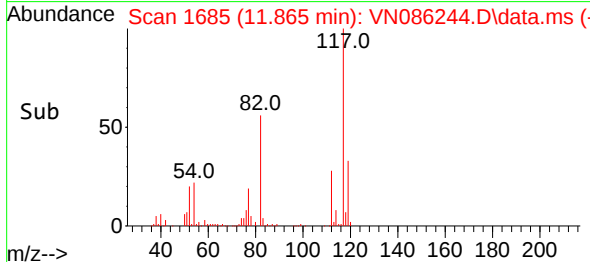
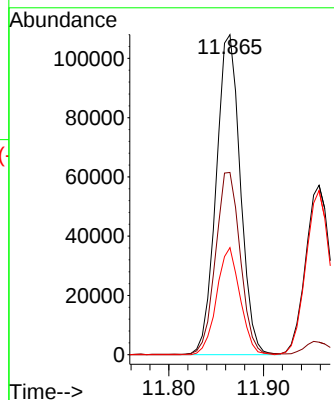
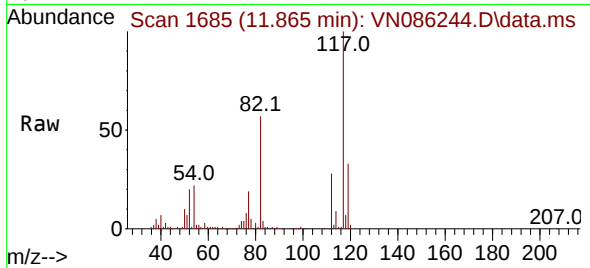




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11865
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

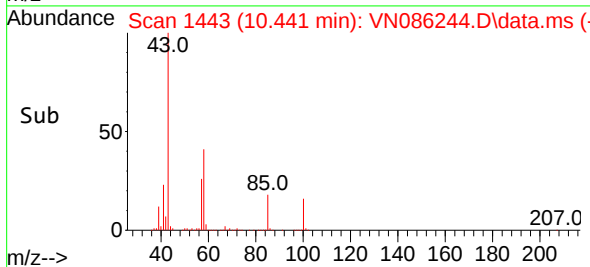
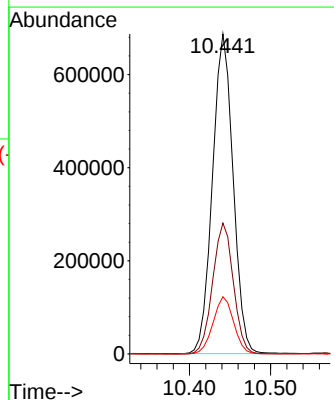
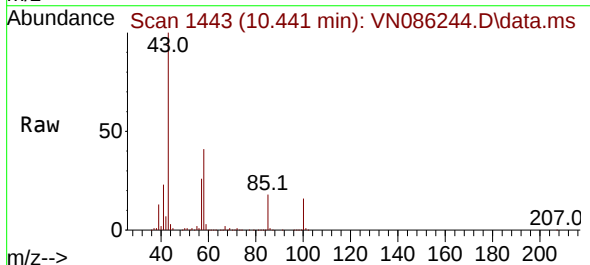
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

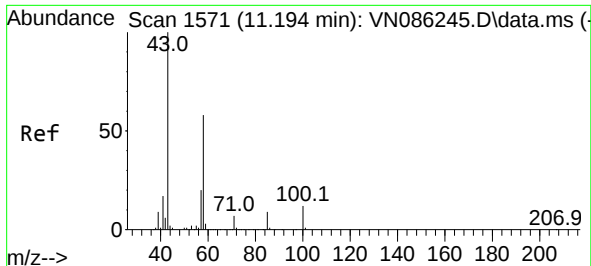
Tgt Ion:117 Resp: 191848
Ion Ratio Lower Upper
117 100
82 58.1 47.3 70.9
119 32.4 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 278.421 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 43 Resp: 1212140
Ion Ratio Lower Upper
43 100
58 41.0 32.5 48.7
85 17.8 14.4 21.6

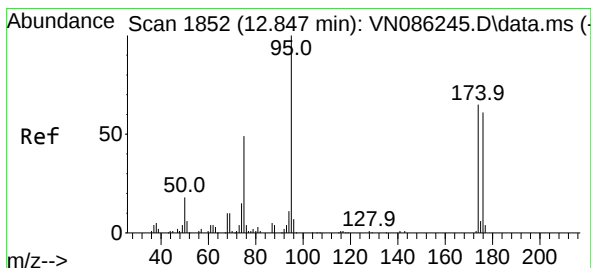
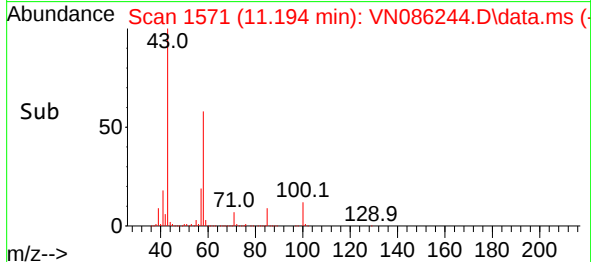
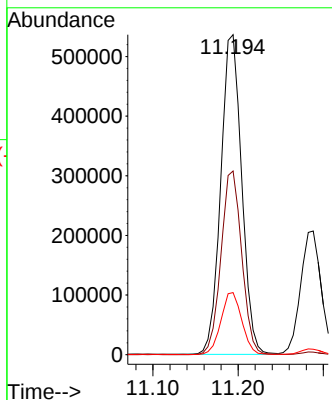
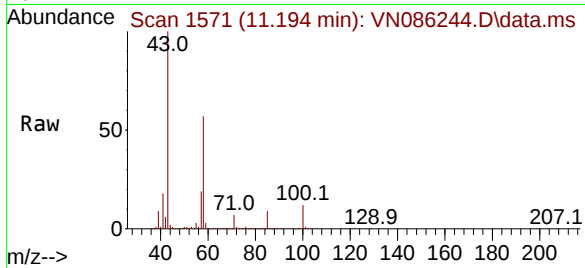




#59
2-Hexanone
Concen: 281.386 ug/l
RT: 11.194 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

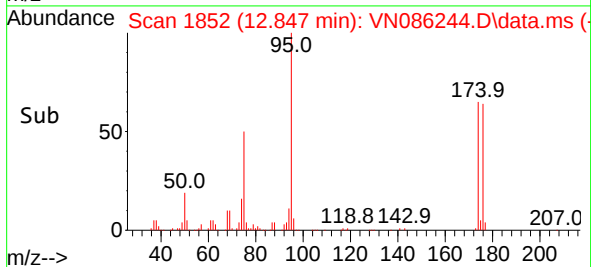
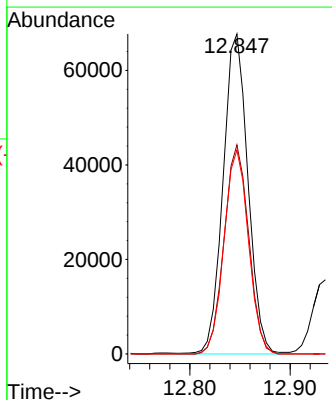
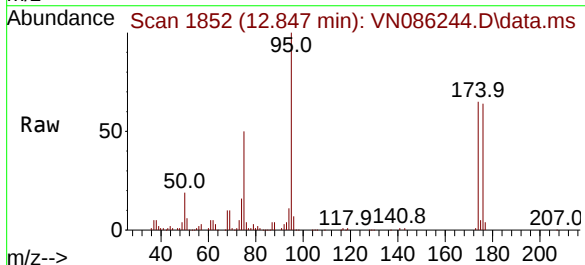
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

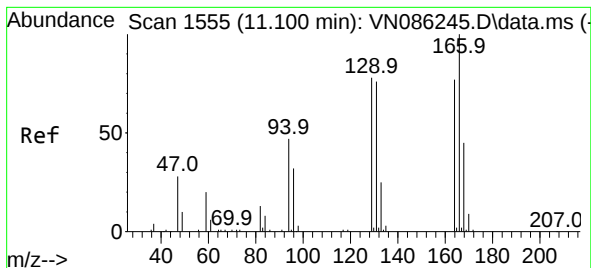
Tgt Ion: 43 Resp: 912206
Ion Ratio Lower Upper
43 100
58 57.0 45.3 67.9
57 19.4 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 30.469 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 95 Resp: 116379
Ion Ratio Lower Upper
95 100
174 64.5 52.7 79.1
176 62.7 49.8 74.8





#61

Tetrachloroethene

Concen: 56.555 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:164 Resp: 160227

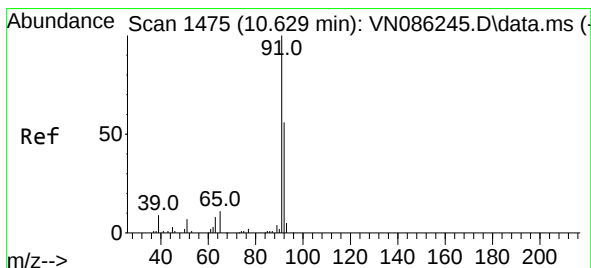
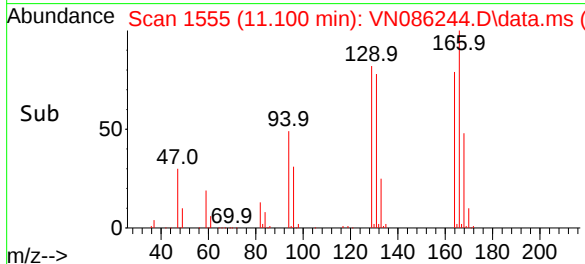
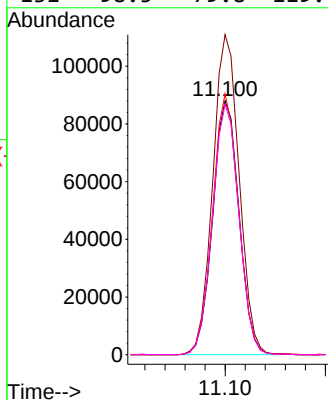
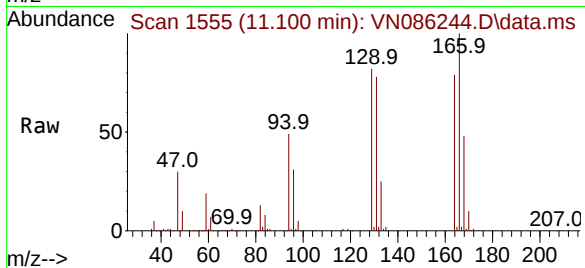
Ion Ratio Lower Upper

164 100

166 126.0 104.5 156.7

129 102.7 81.7 122.5

131 98.5 79.8 119.6



#62

Toluene

Concen: 55.140 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086244.D

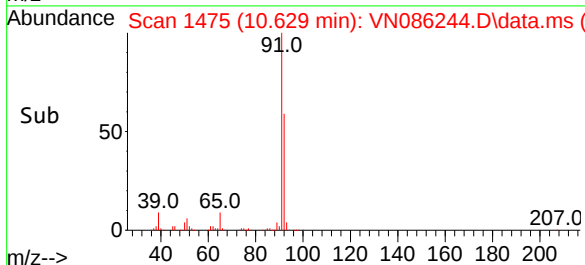
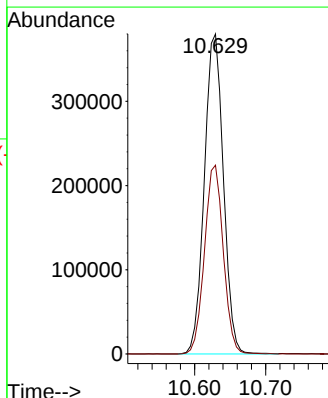
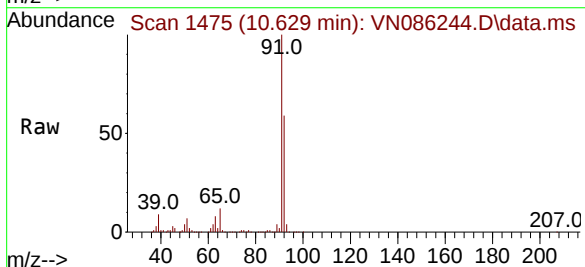
Acq: 11 Apr 2025 11:52

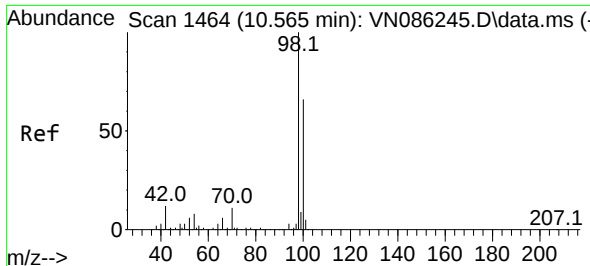
Tgt Ion: 91 Resp: 709533

Ion Ratio Lower Upper

91 100

92 58.3 46.8 70.2

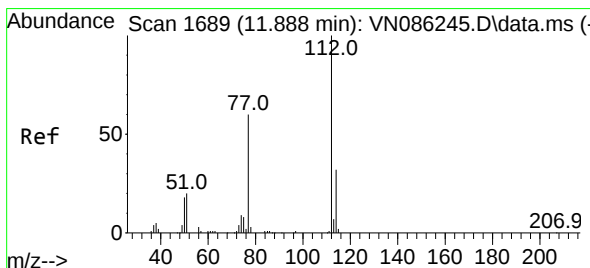
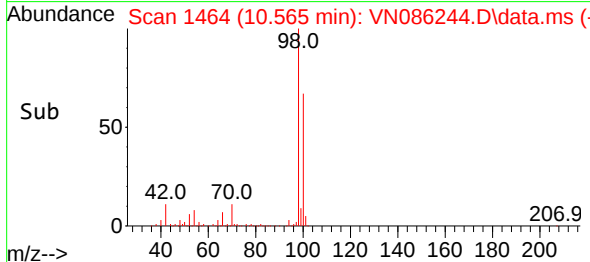
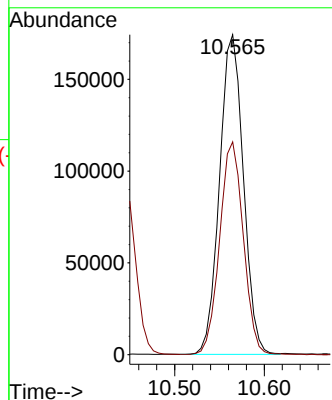
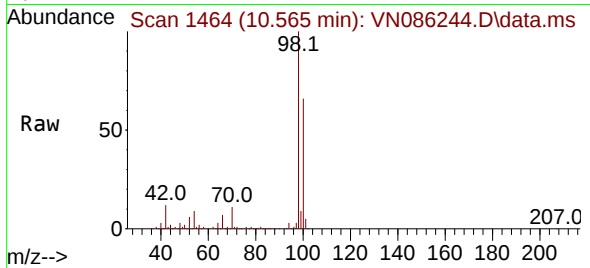




#63
Toluene-d8
Concen: 29.660 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

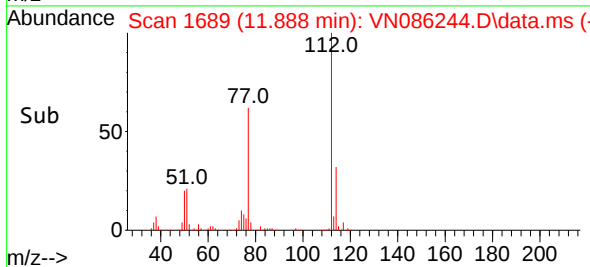
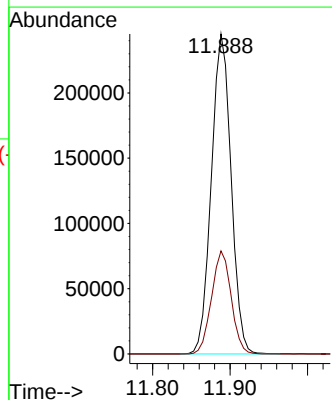
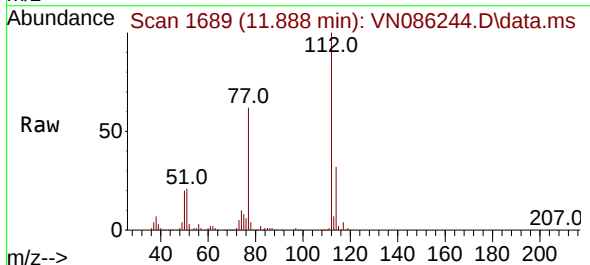
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

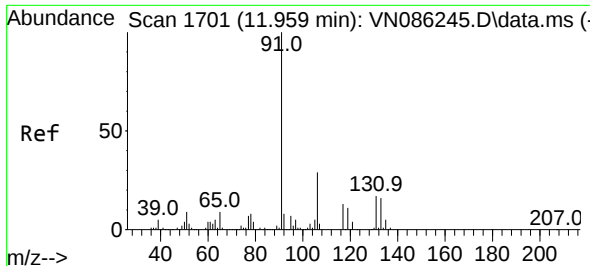
Tgt Ion: 98 Resp: 321243
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5



#64
Chlorobenzene
Concen: 55.211 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 112 Resp: 434051
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

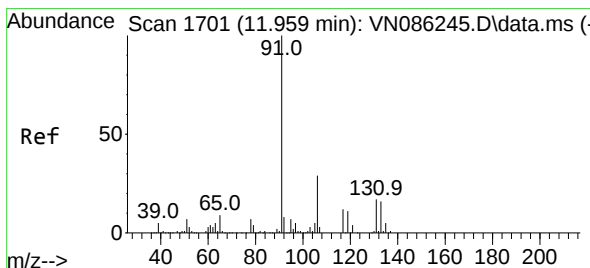
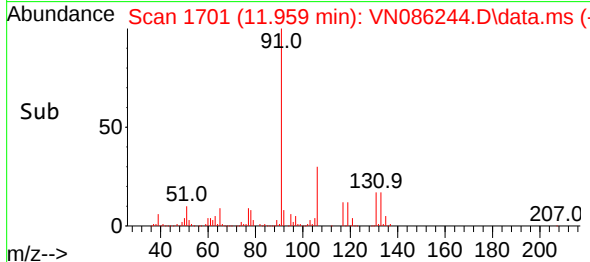
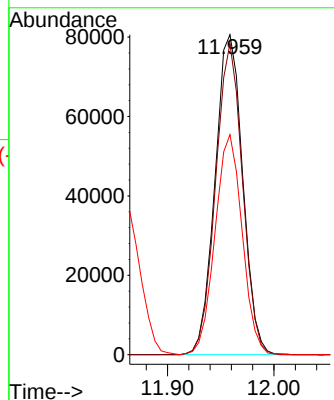
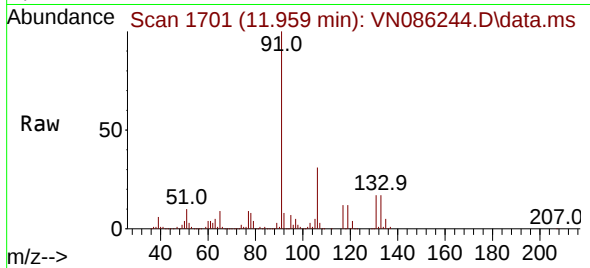




#65
 1,1,1,2-Tetrachloroethane
 Concen: 56.068 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

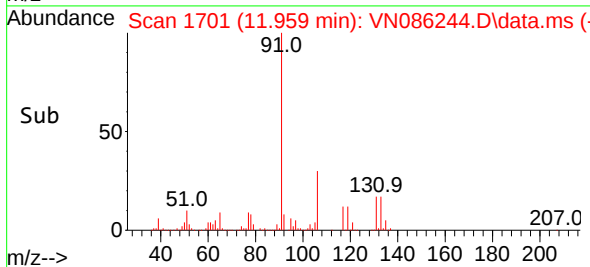
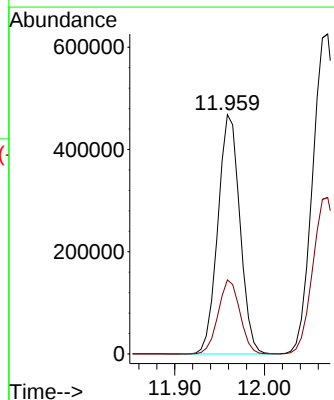
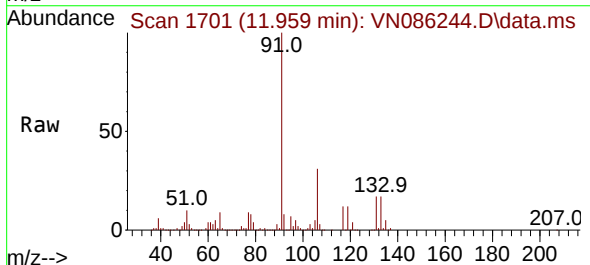
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

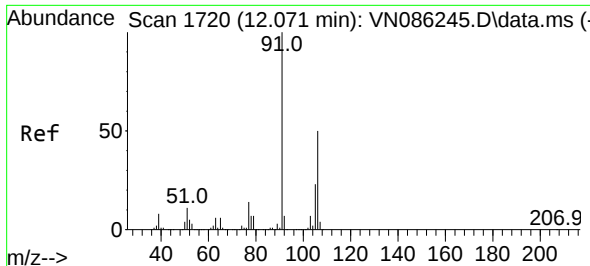
Tgt Ion:131 Resp: 145468
 Ion Ratio Lower Upper
 131 100
 133 94.4 0.0 190.4
 119 67.5 0.0 135.6



#66
 Ethyl Benzene
 Concen: 55.917 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

Tgt Ion: 91 Resp: 797966
 Ion Ratio Lower Upper
 91 100
 106 30.9 23.4 35.0

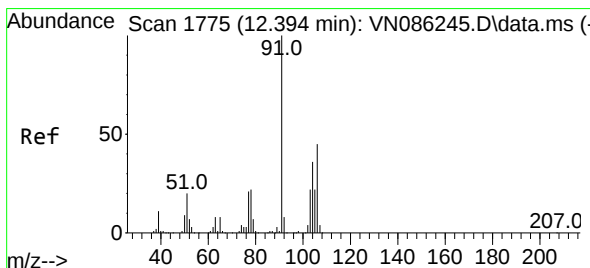
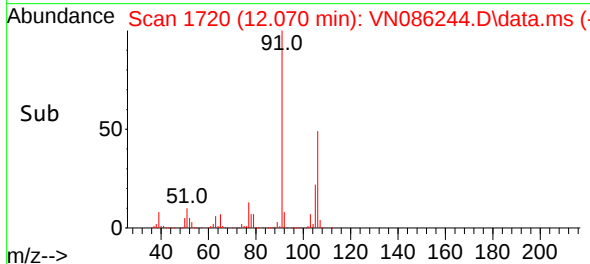
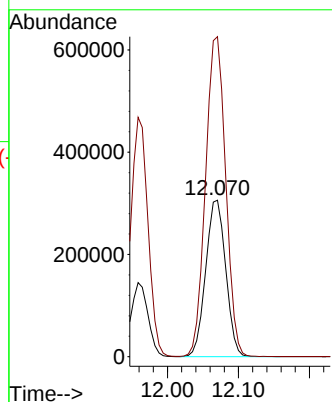
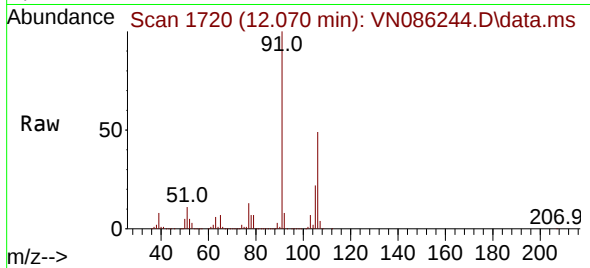




#67
m/p-Xylenes
Concen: 113.164 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

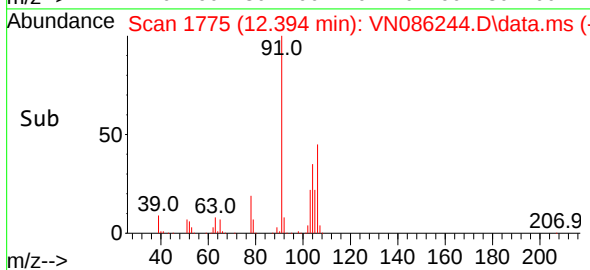
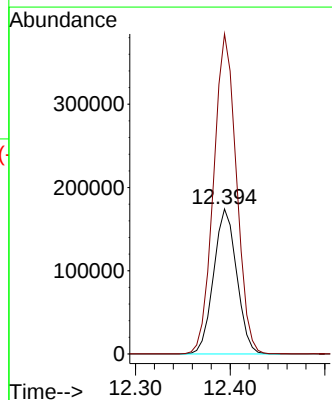
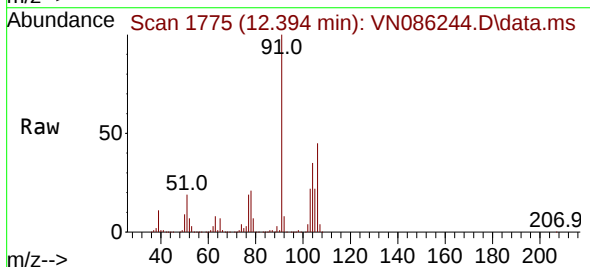
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

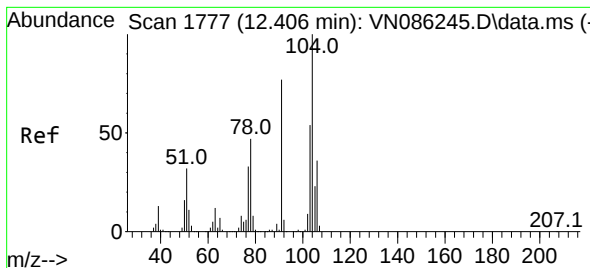
Tgt Ion:106 Resp: 600484
Ion Ratio Lower Upper
106 100
91 205.7 164.5 246.7



#68
o-Xylene
Concen: 56.428 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion:106 Resp: 294512
Ion Ratio Lower Upper
106 100
91 218.4 109.8 329.4





#69

Styrene

Concen: 56.790 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

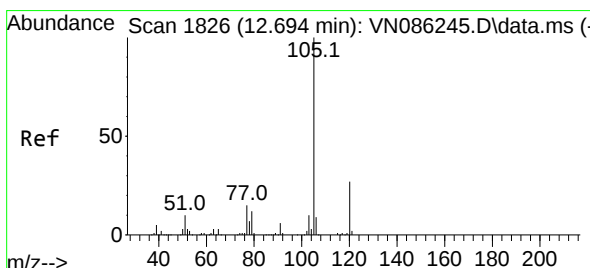
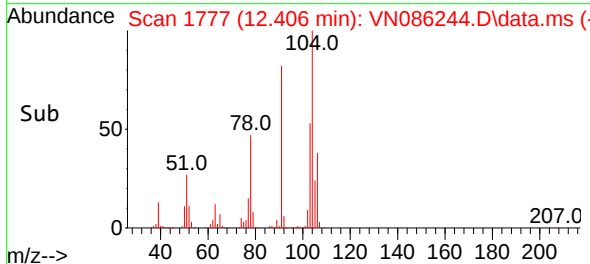
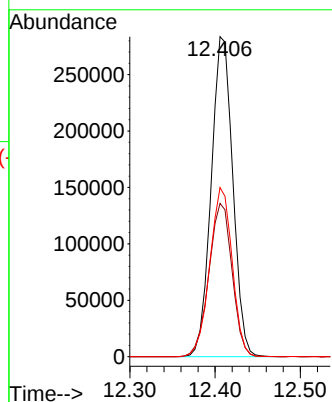
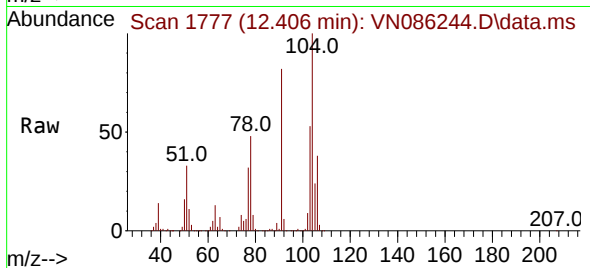
Tgt Ion:104 Resp: 499886

Ion Ratio Lower Upper

104 100

78 51.3 41.4 62.0

103 54.8 44.2 66.4



#70

Isopropylbenzene

Concen: 56.511 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086244.D

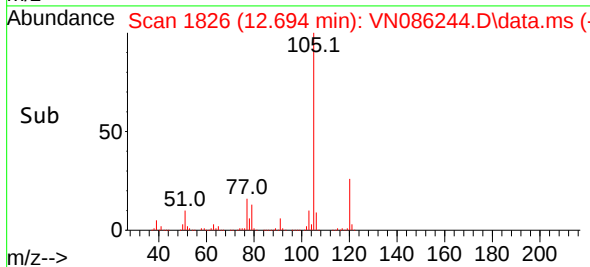
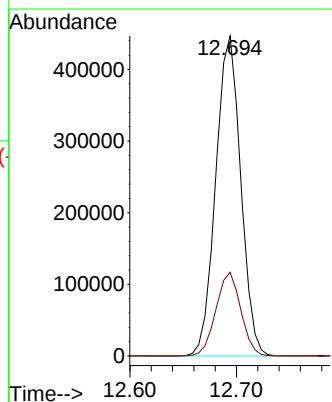
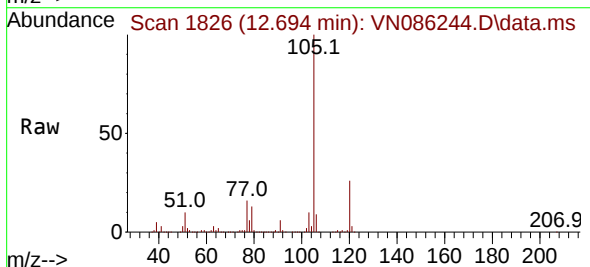
Acq: 11 Apr 2025 11:52

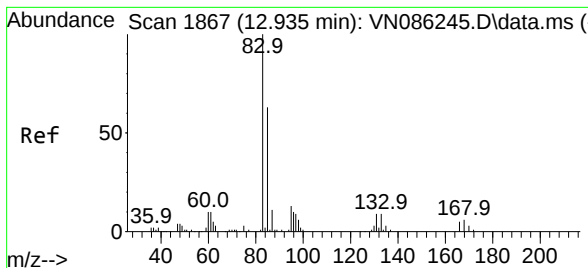
Tgt Ion:105 Resp: 727241

Ion Ratio Lower Upper

105 100

120 26.0 18.3 34.1

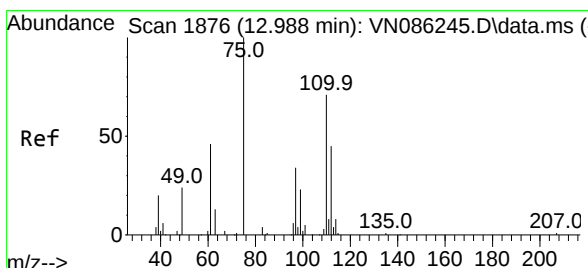
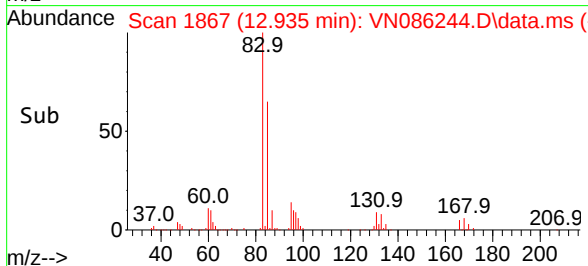
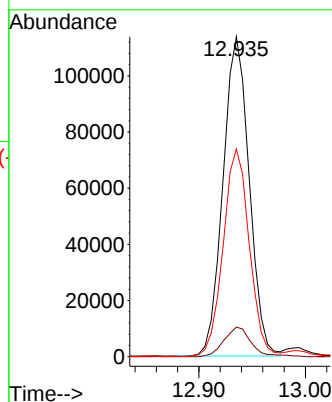
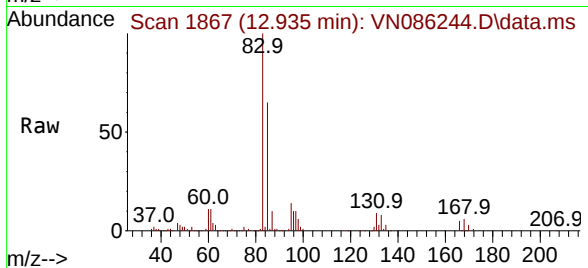




#71
1,1,2-Tetrachloroethane
Concen: 53.052 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

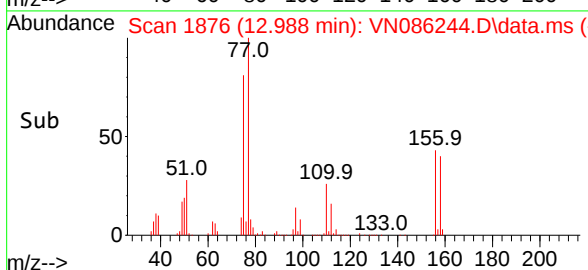
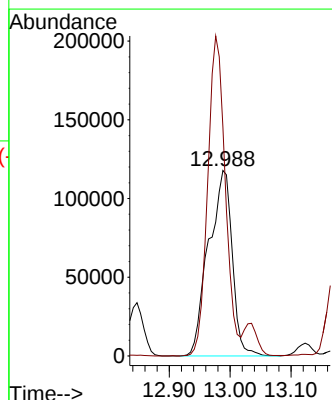
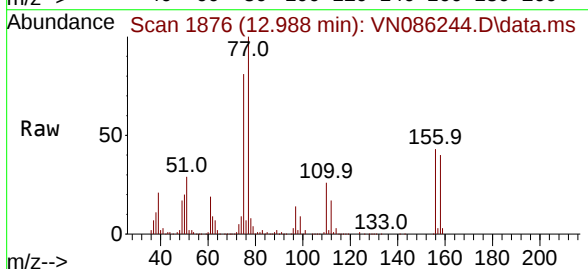
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

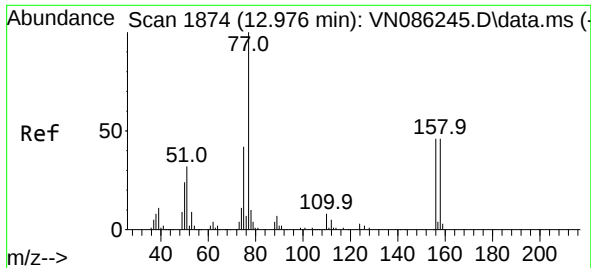
Tgt Ion: 83 Resp: 194327
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 65.0 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 61.048 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 75 Resp: 316585
Ion Ratio Lower Upper
75 100
77 129.2 0.0 380.0

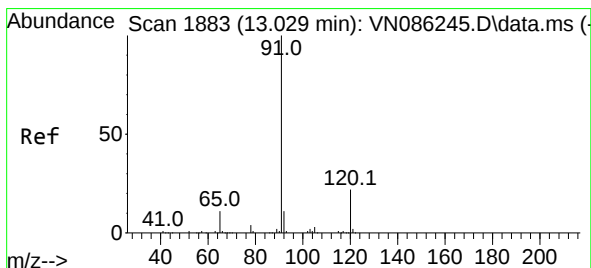
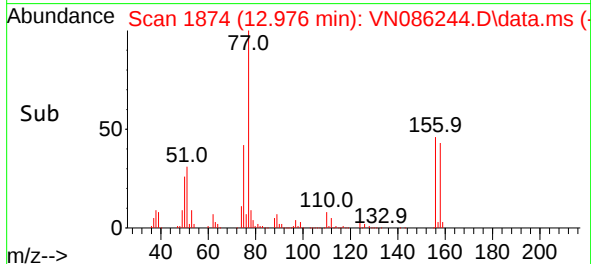
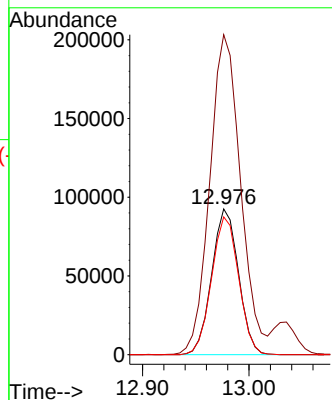
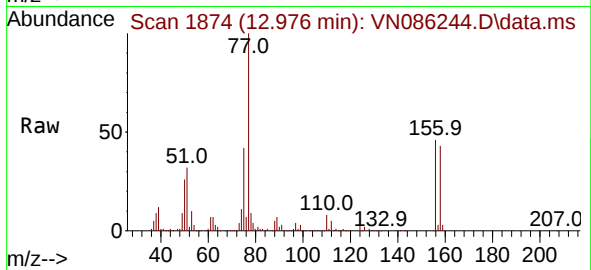




#73
Bromobenzene
Concen: 56.588 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

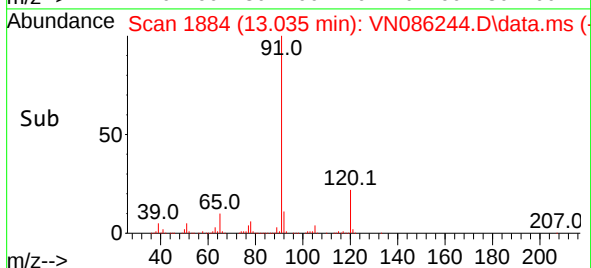
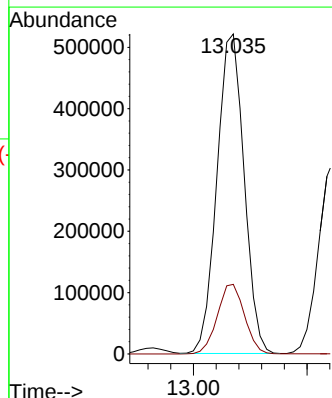
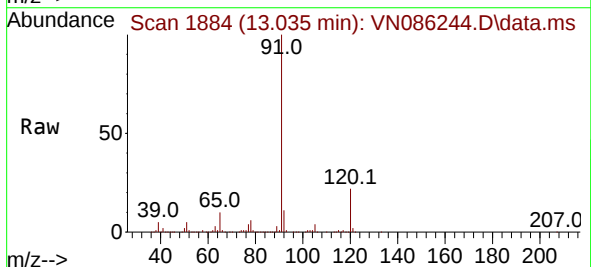
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

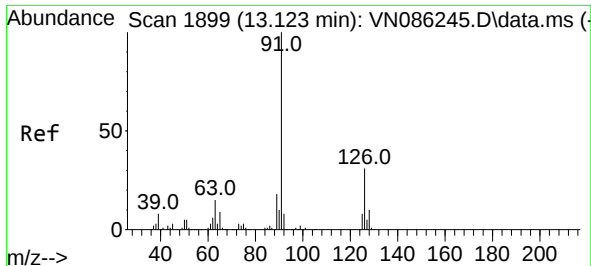
Tgt Ion:156 Resp: 161325
Ion Ratio Lower Upper
156 100
77 253.4 0.0 505.2
158 95.7 0.0 195.0



#74
n-propylbenzene
Concen: 56.817 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 91 Resp: 865912
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0

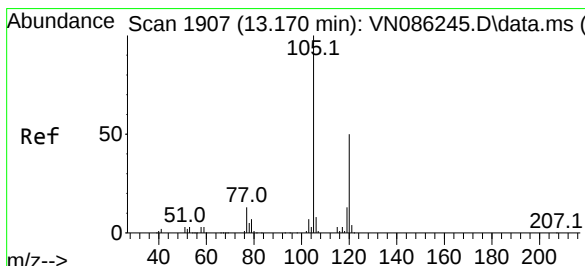
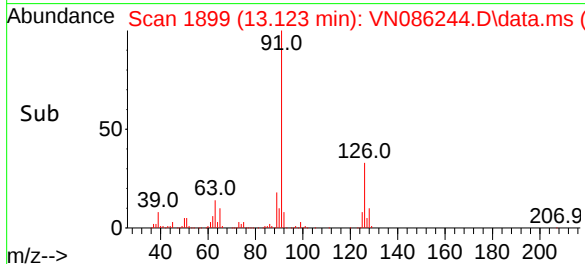
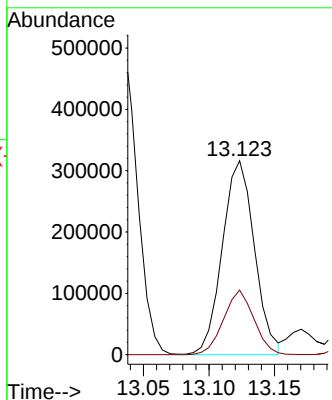
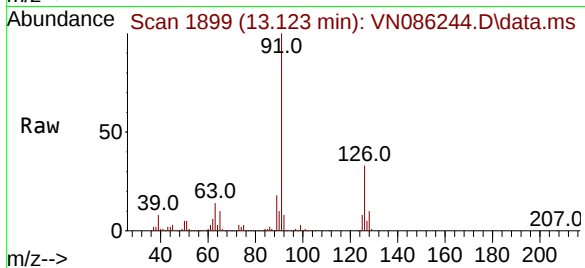




#75
2-Chlorotoluene
Concen: 56.468 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

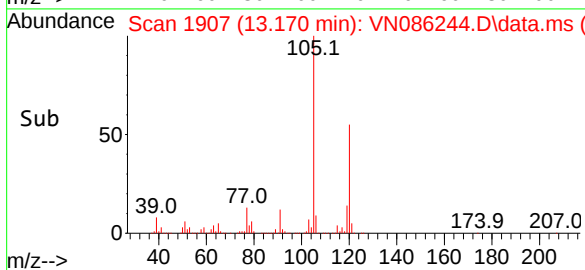
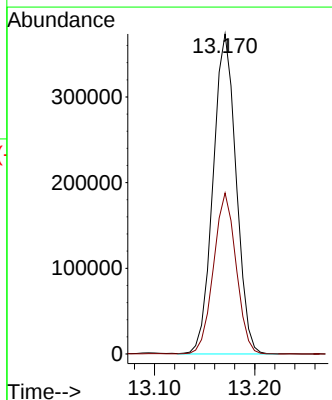
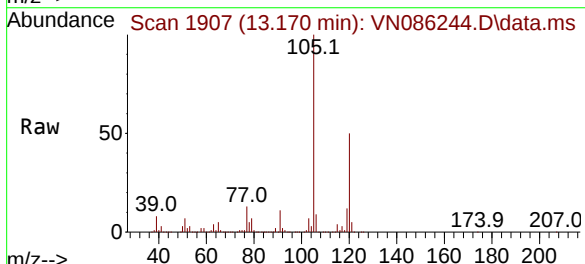
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

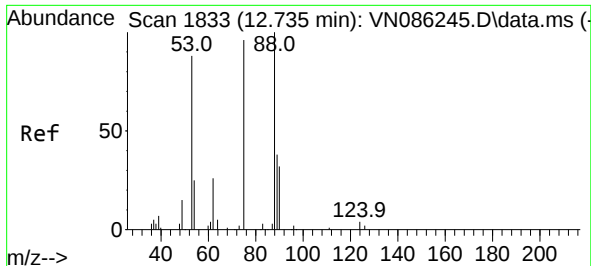
Tgt Ion: 91 Resp: 539350
Ion Ratio Lower Upper
91 100
126 31.5 0.0 63.4



#76
1,3,5-Trimethylbenzene
Concen: 56.398 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 105 Resp: 596201
Ion Ratio Lower Upper
105 100
120 49.3 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 56.970 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

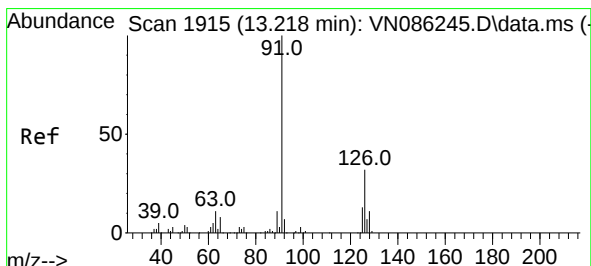
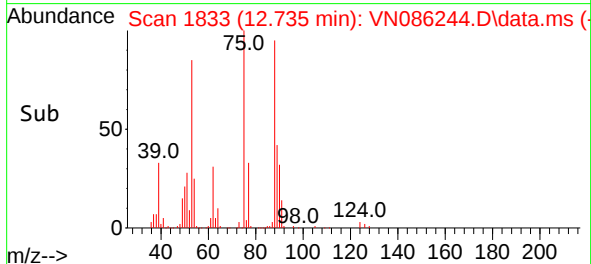
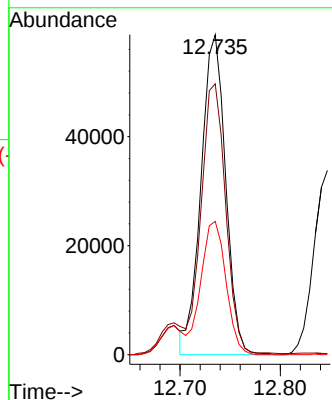
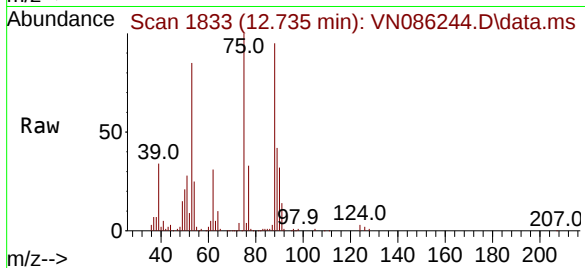
Tgt Ion: 75 Resp: 100158

Ion Ratio Lower Upper

75 100

53 84.3 46.4 139.2

89 41.7 22.5 67.5



#78

4-Chlorotoluene

Concen: 56.787 ug/l

RT: 13.217 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VN086244.D

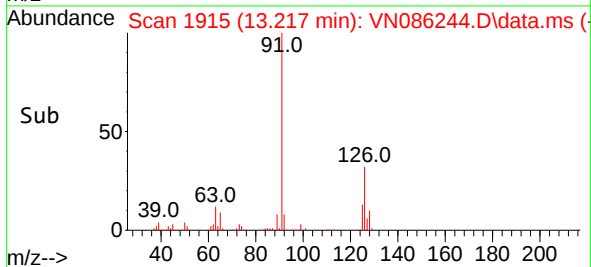
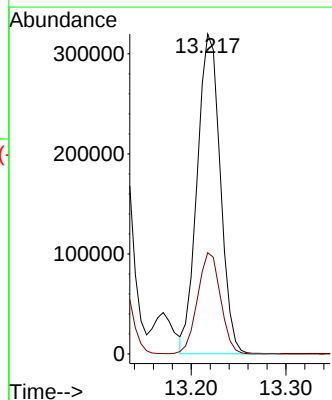
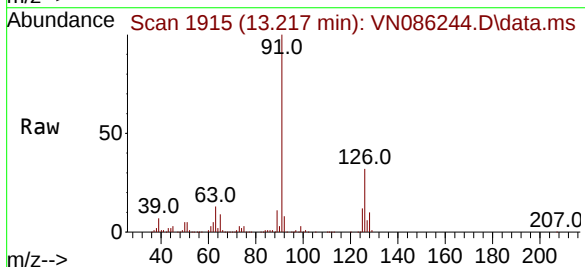
Acq: 11 Apr 2025 11:52

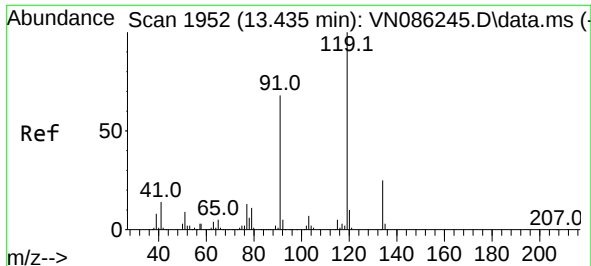
Tgt Ion: 91 Resp: 541691

Ion Ratio Lower Upper

91 100

126 31.6 0.0 63.2

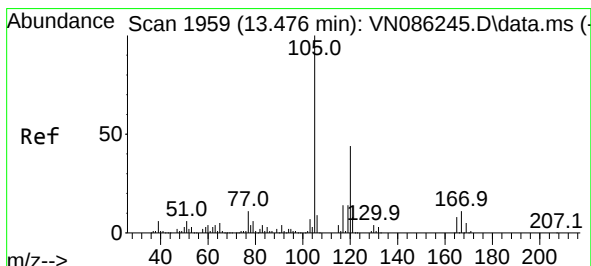
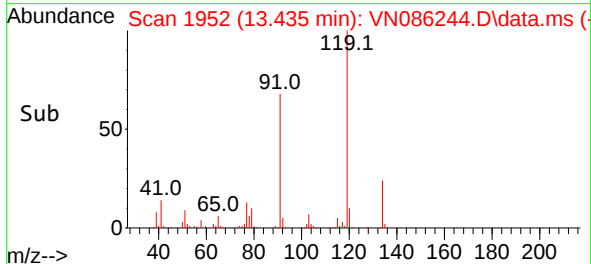
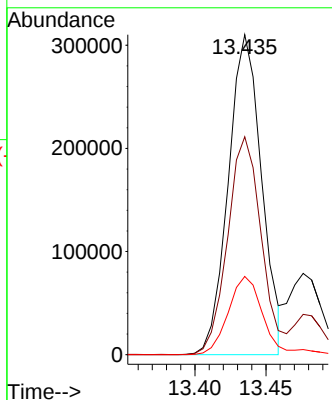
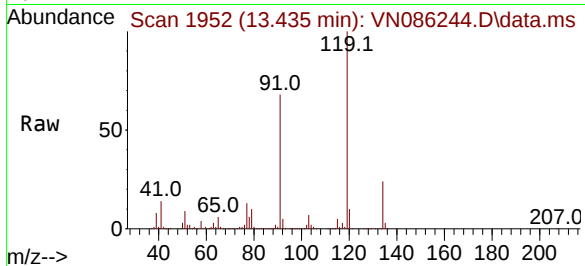




#79
tert-butylbenzene
Concen: 55.374 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

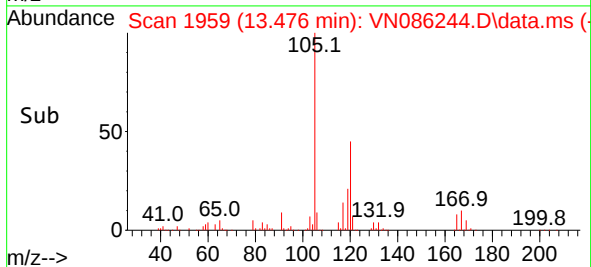
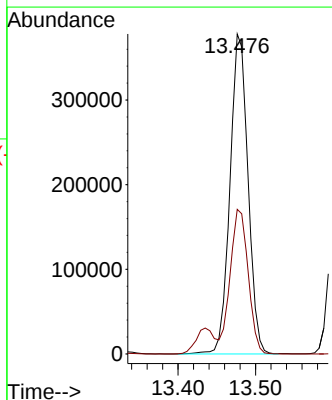
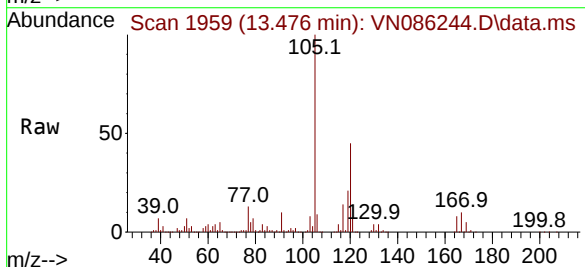
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

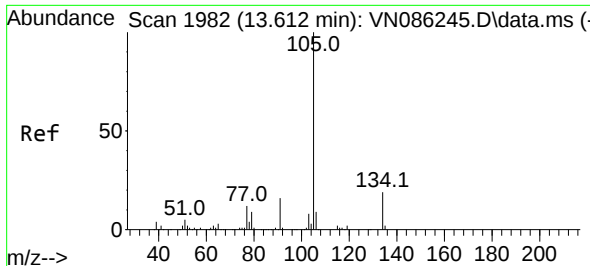
Tgt Ion:119 Resp: 506518
Ion Ratio Lower Upper
119 100
91 69.1 0.0 136.6
134 24.6 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 57.035 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion:105 Resp: 611389
Ion Ratio Lower Upper
105 100
120 45.1 0.0 91.0

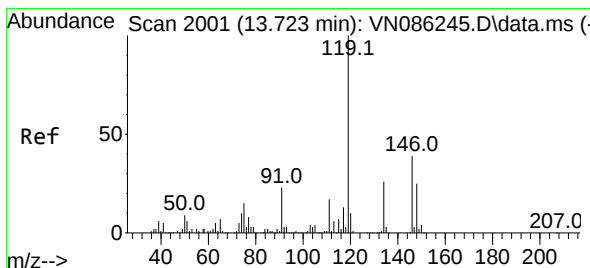
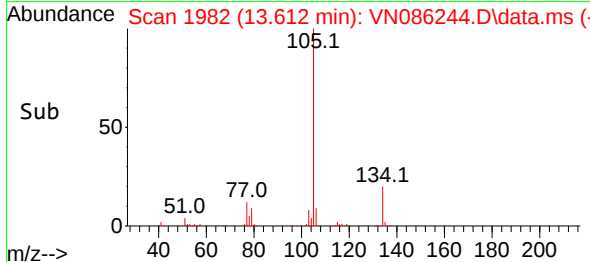
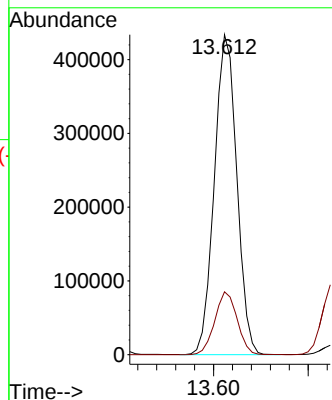
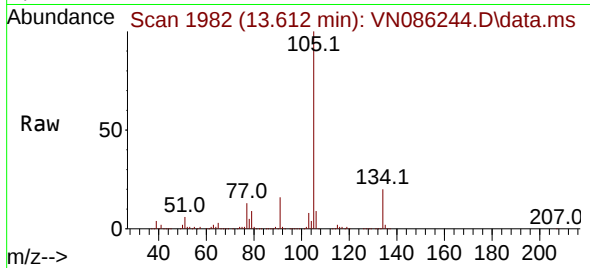




#81
 sec-Butylbenzene
 Concen: 55.977 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

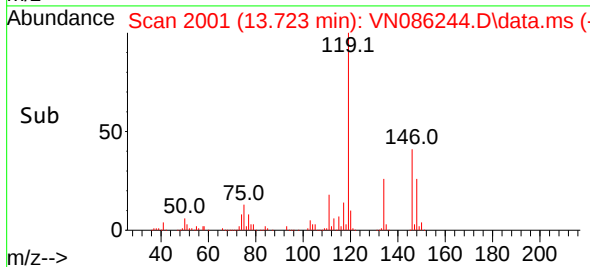
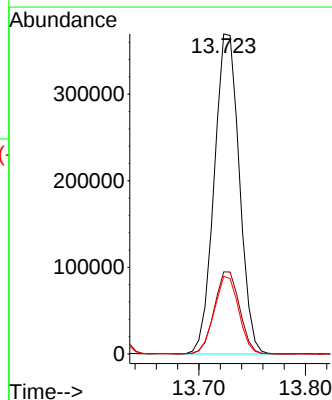
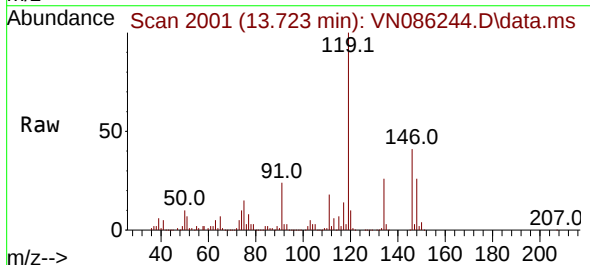
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

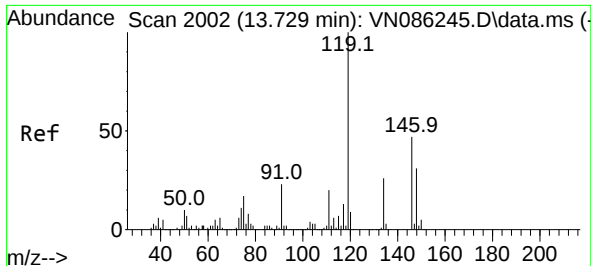
Tgt Ion:105 Resp: 714247
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 56.791 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086244.D
 Acq: 11 Apr 2025 11:52

Tgt Ion:119 Resp: 604494
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.6
 91 23.6 0.0 48.2

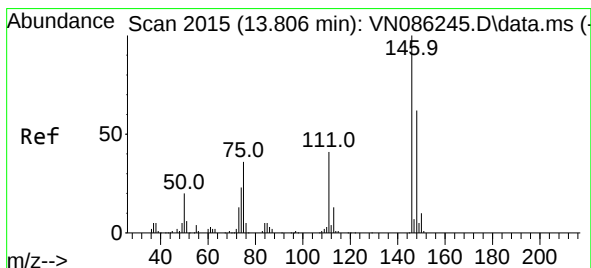
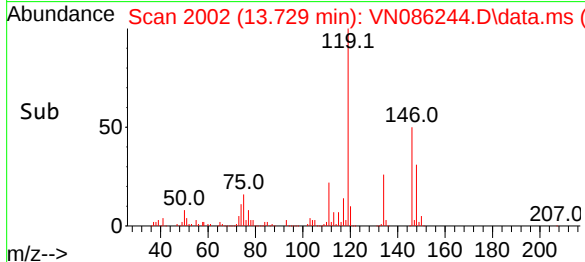
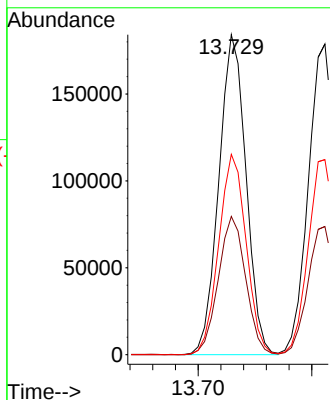
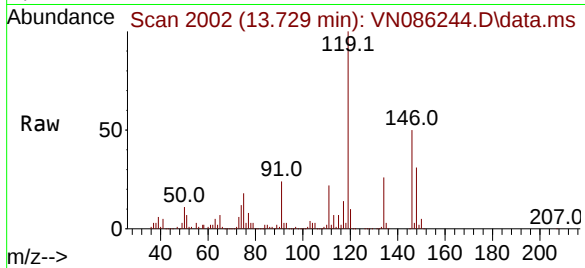




#83
1,3-Dichlorobenzene
Concen: 57.795 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

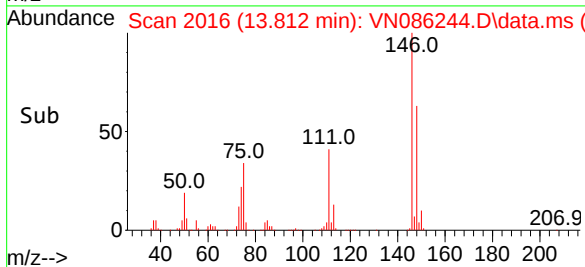
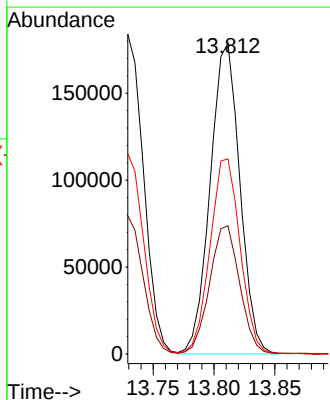
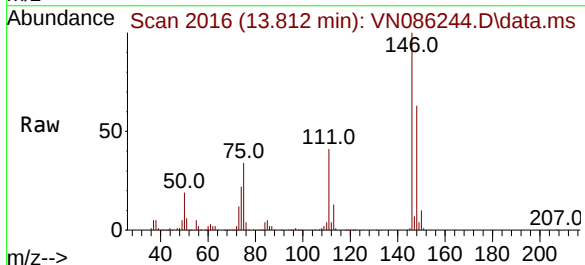
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

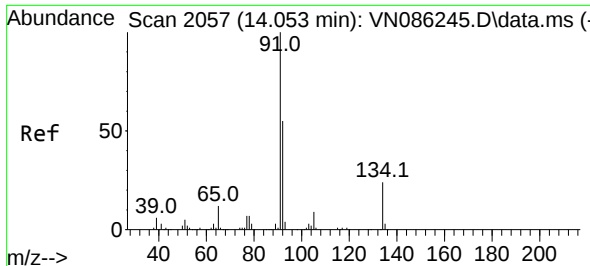
Tgt Ion:146 Resp: 306241
Ion Ratio Lower Upper
146 100
111 43.6 21.7 65.1
148 63.2 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 57.117 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion:146 Resp: 303615
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 63.7 31.9 95.5

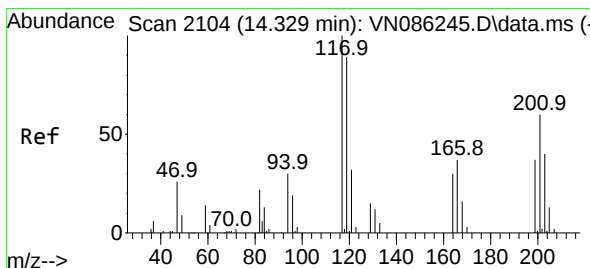
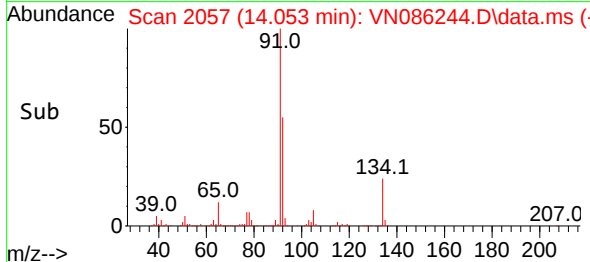
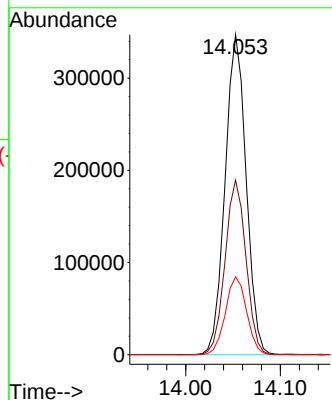
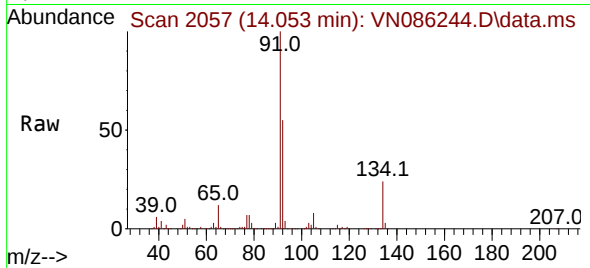




#85
n-Butylbenzene
Concen: 55.917 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

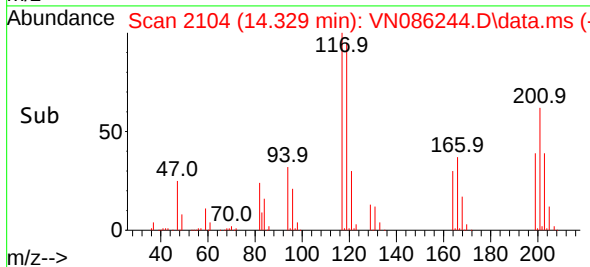
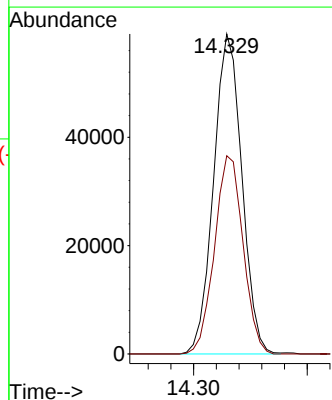
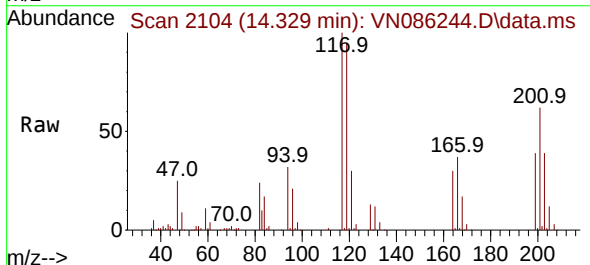
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

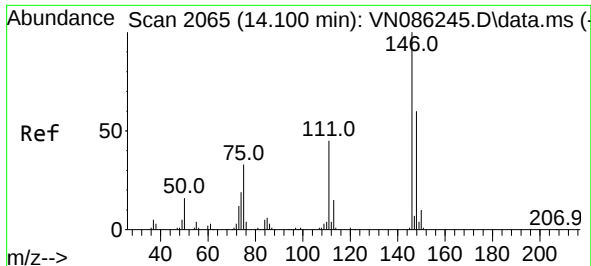
Tgt Ion: 91 Resp: 536941
Ion Ratio Lower Upper
91 100
92 54.0 0.0 109.4
134 24.5 0.0 48.2



#86
Hexachloroethane
Concen: 56.854 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion: 117 Resp: 102084
Ion Ratio Lower Upper
117 100
201 62.6 30.9 92.8





#87

1,2-Dichlorobenzene

Concen: 57.607 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

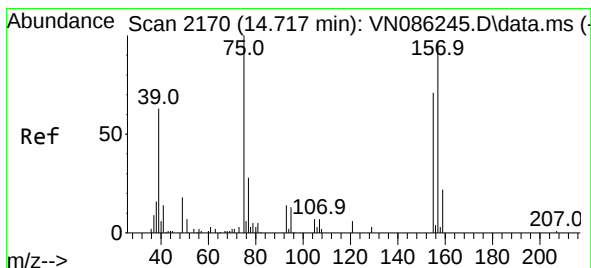
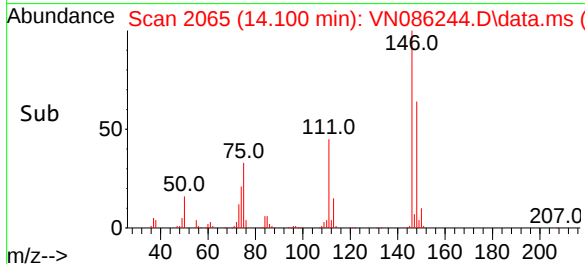
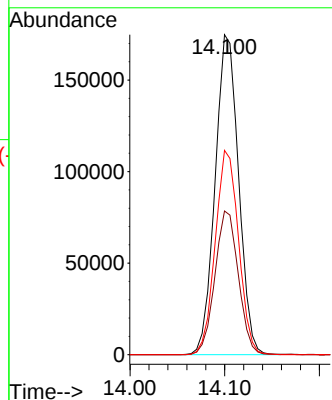
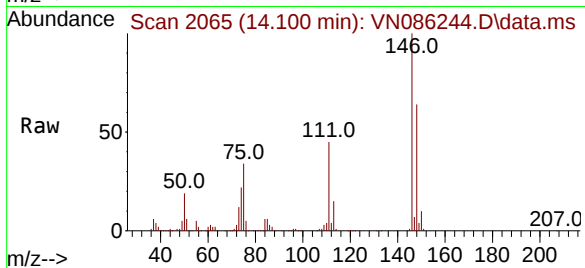
Tgt Ion:146 Resp: 301390

Ion Ratio Lower Upper

146 100

111 44.9 22.7 68.0

148 63.4 31.8 95.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 56.890 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

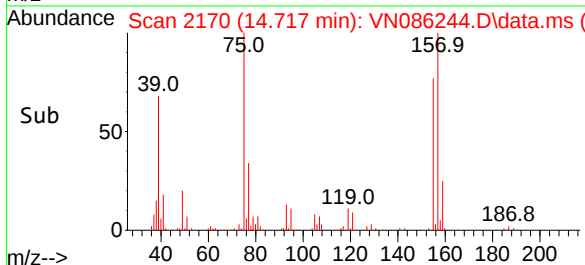
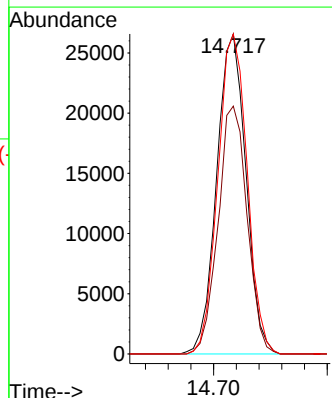
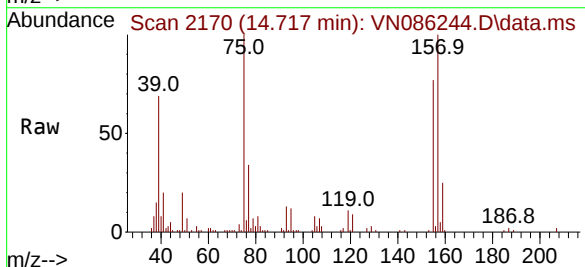
Tgt Ion: 75 Resp: 47464

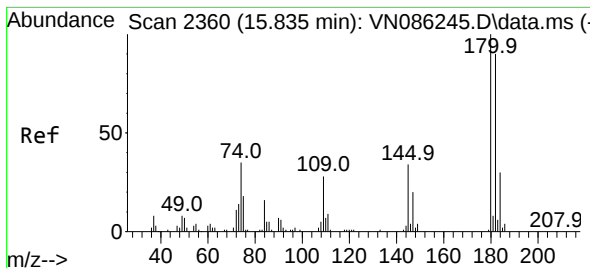
Ion Ratio Lower Upper

75 100

155 76.8 60.3 90.5

157 99.9 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 55.103 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

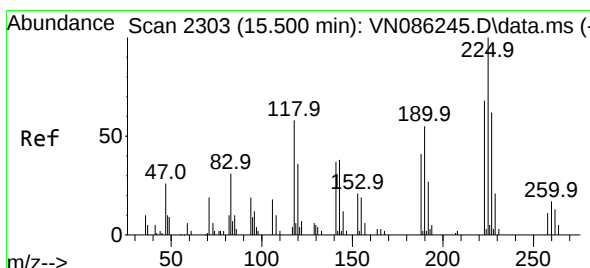
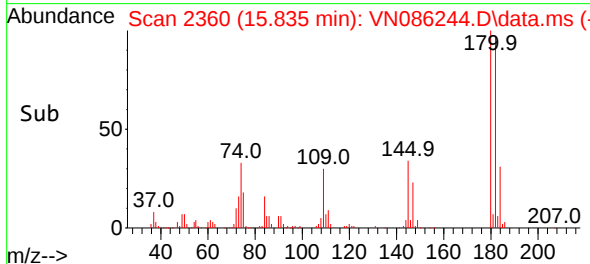
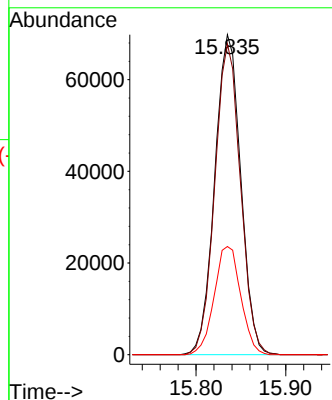
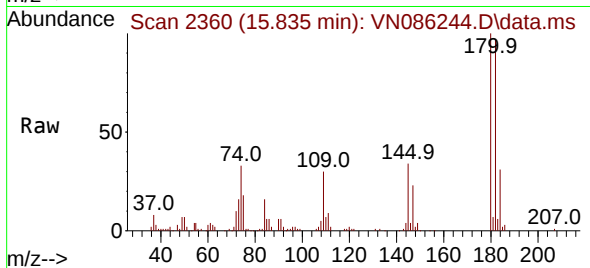
Tgt Ion:180 Resp: 140271

Ion Ratio Lower Upper

180 100

182 95.8 75.1 112.7

145 34.6 27.1 40.7



#90

Hexachlorobutadiene

Concen: 51.165 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086244.D

Acq: 11 Apr 2025 11:52

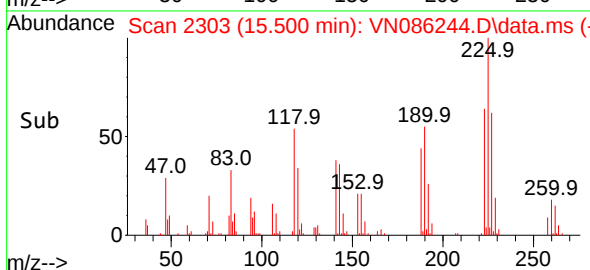
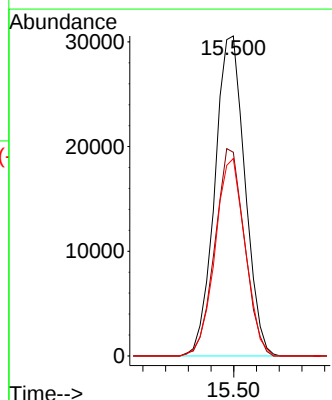
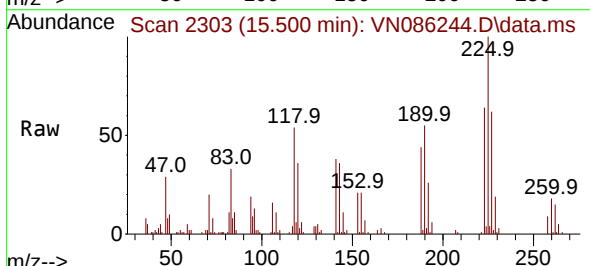
Tgt Ion:225 Resp: 56236

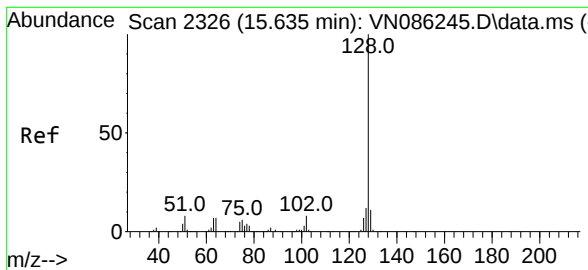
Ion Ratio Lower Upper

225 100

223 63.7 0.0 130.0

227 61.6 0.0 123.2

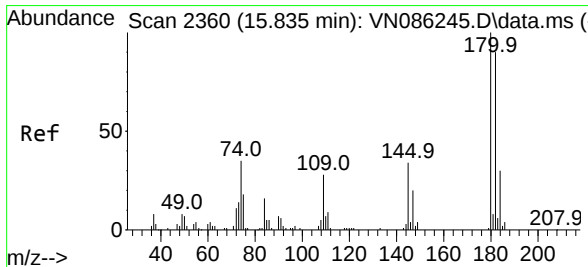
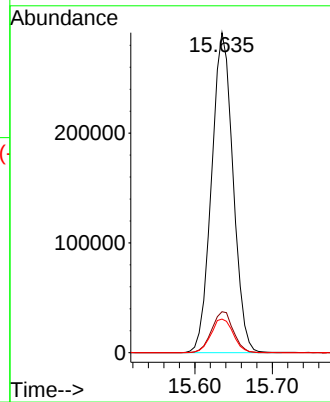
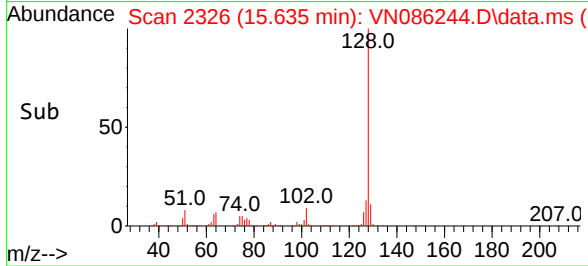
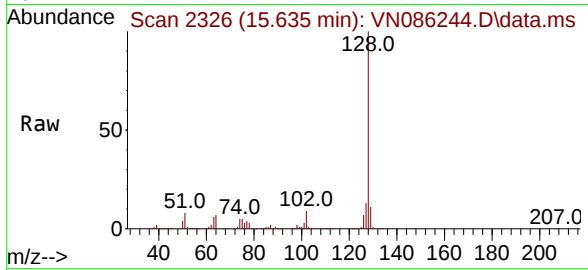




#91
Naphthalene
Concen: 55.953 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:	128	Resp:	561578
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 55.103 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086244.D
Acq: 11 Apr 2025 11:52

Tgt Ion:	180	Resp:	140271
Ion Ratio	Lower	Upper	
180	100		
182	95.8	0.0	187.8
145	34.6	0.0	67.8

