

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084616.D
 Acq On : 31 Oct 2024 13:20
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 01 02:23:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:19:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	34742	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	185533	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	172801	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81745	29.267	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.567%		
60) 4-Bromofluorobenzene	12.847	95	92972	31.247	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.167%		
63) Toluene-d8	10.565	98	240739	29.429	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	190784	94.416	ug/l	96
3) Chloromethane	2.359	50	224931	92.457	ug/l	96
4) Vinyl Chloride	2.512	62	213170	94.361	ug/l	96
5) Bromomethane	2.901	94	107304	93.582	ug/l	99
6) Chloroethane	3.059	64	134554	89.622	ug/l	91
7) Trichlorofluoromethane	3.465	101	344065	93.780	ug/l	96
8) Diethyl Ether	3.953	74	132542	101.279	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.348	101	193932	93.533	ug/l	100
10) 1,1-Dichloroethene	4.324	96	196748	97.174	ug/l	96
11) Methyl Iodide	4.577	142	268385	96.444	ug/l	93
12) Methyl Acetate	5.024	43	266611	84.389	ug/l	98
13) Acrolein	4.171	56	188911	485.398	ug/l	99
14) Acrylonitrile	5.712	53	516678	500.435	ug/l	98
15) Acetone	4.424	58	129317	487.448	ug/l	84
16) Carbon Disulfide	4.700	76	573917	96.334	ug/l	97
17) Allyl chloride	5.006	41	345769	101.215	ug/l	96
18) Methylene Chloride	5.271	84	223525	94.210	ug/l	99
19) trans-1,2-Dichloroethene	5.777	96	205660	96.906	ug/l	91
20) Diisopropyl ether	6.671	45	688942	99.753	ug/l	96
21) 1,1-Dichloroethane	6.565	63	395669	95.263	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	247895	97.839	ug/l	95
23) tert-Butyl Alcohol	5.547	59	164832	457.302	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	668387	102.082	ug/l	98
25) Chloroform	7.965	83	401691	94.396	ug/l	99
26) Cyclohexane	8.253	56	319727	100.777	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	279360	99.967	ug/l	99
30) 2-Butanone	7.483	43	647906	502.619	ug/l	99
31) 2,2-Dichloropropane	7.488	77	326433	95.693	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	366838	96.624	ug/l	99
33) Carbon Tetrachloride	8.359	117	311893	96.275	ug/l	99
34) Benzene	8.600	78	902770	97.735	ug/l	95
35) Methacrylonitrile	7.777	41	158460	103.718	ug/l	97
36) 1,2-Dichloroethane	8.665	62	289900	94.377	ug/l	99
37) Trichloroethene	9.347	130	201181	96.547	ug/l	94
38) Methylcyclohexane	9.600	83	311539	103.557	ug/l	97
39) 1,2-Dichloropropane	9.618	63	215746	97.029	ug/l	92
40) Dibromomethane	9.706	93	151914	97.663	ug/l	99
41) Bromodichloromethane	9.888	83	325039	97.474	ug/l	99
42) Vinyl Acetate	6.600	43	2500453	518.946	ug/l	100

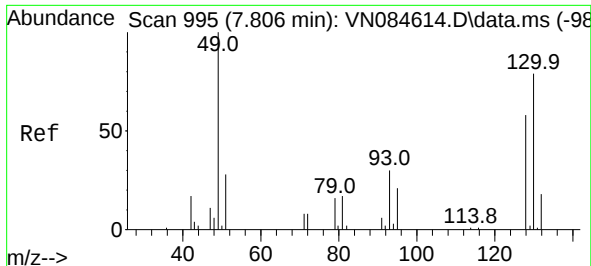
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:19:19 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	274207	100.013	ug/l	98
44) Isopropyl Acetate	8.688	43	478812	87.298	ug/l	96
45) 1,4-Dioxane	9.694	88	75558	2063.461	ug/l	96
46) Methyl methacrylate	9.682	41	228239	103.551	ug/l	94
47) n-amyl Acetate	12.494	43	436801	106.634	ug/l	96
48) t-1,3-Dichloropropene	10.835	75	332996	101.131	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	358906	101.702	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	204253	97.894	ug/l	98
51) Ethyl methacrylate	10.871	69	346376	107.698	ug/l	96
52) 1,3-Dichloropropane	11.159	76	357116	98.605	ug/l	99
53) Dibromochloromethane	11.359	129	245721	100.636	ug/l	97
54) 1,2-Dibromoethane	11.471	107	209631	99.338	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	822490	521.622	ug/l	99
56) Bromoform	12.576	173	167239	102.184	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	1367142	501.494	ug/l	99
59) 2-Hexanone	11.194	43	1018919	510.417	ug/l	98
61) Tetrachloroethene	11.100	164	175966	97.300	ug/l	99
62) Toluene	10.629	91	954854	97.017	ug/l	98
64) Chlorobenzene	11.888	112	582322	98.008	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	211092	96.671	ug/l	99
66) Ethyl Benzene	11.965	91	1057324	102.222	ug/l	97
67) m/p-Xylenes	12.071	106	800698	202.196	ug/l	99
68) o-Xylene	12.394	106	393457	103.001	ug/l	98
69) Styrene	12.412	104	664652	103.773	ug/l	99
70) Isopropylbenzene	12.694	105	974870	102.732	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	293813	95.526	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	394083	134.305	ug/l	69
73) Bromobenzene	12.976	156	245959	100.496	ug/l	98
74) n-propylbenzene	13.035	91	1143491	103.052	ug/l	99
75) 2-Chlorotoluene	13.123	91	722984	100.052	ug/l	97
76) 1,3,5-Trimethylbenzene	13.170	105	830495	102.432	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	112802	104.723	ug/l	91
78) 4-Chlorotoluene	13.223	91	737525	101.018	ug/l	99
79) tert-butylbenzene	13.435	119	716107	106.804	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	860667	105.223	ug/l	99
81) sec-Butylbenzene	13.617	105	973025	105.317	ug/l	100
82) p-Isopropyltoluene	13.729	119	827966	106.655	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	453157	100.115	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	448828	100.351	ug/l	99
85) n-Butylbenzene	14.053	91	712477	109.276	ug/l	99
86) Hexachloroethane	14.329	117	152797	96.241	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	438040	98.208	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	56385	95.009	ug/l	91
89) 1,2,4-Trichlorobenzene	15.835	180	224355	103.306	ug/l	96
90) Hexachlorobutadiene	15.500	225	90825	95.741	ug/l	95
91) Naphthalene	15.635	128	770611	111.109	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	224355	103.306	ug/l	96

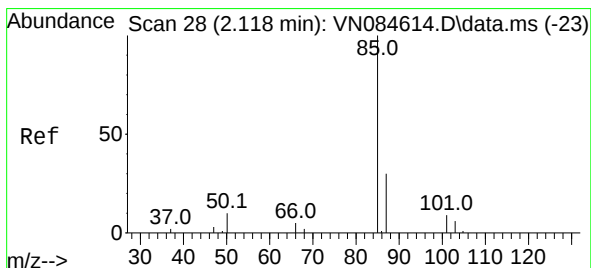
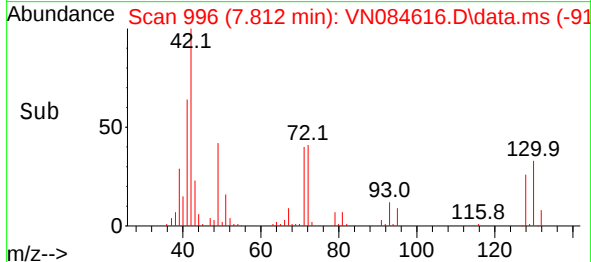
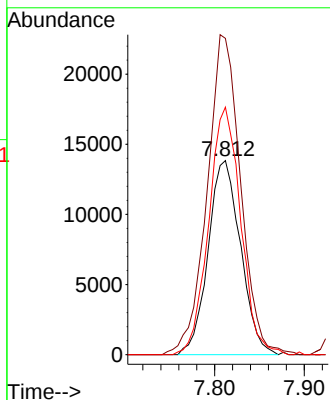
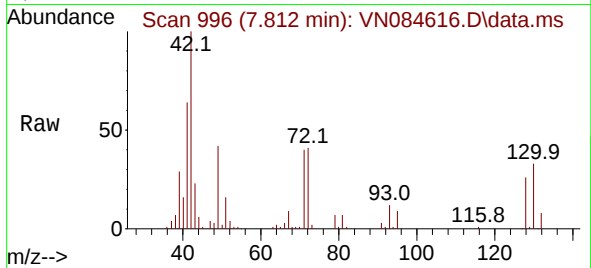
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

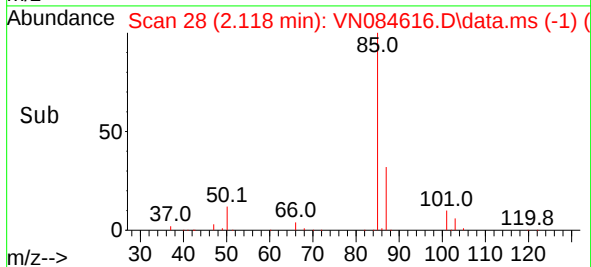
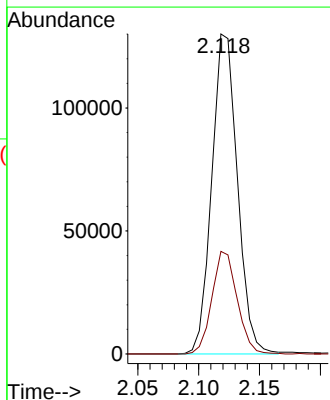
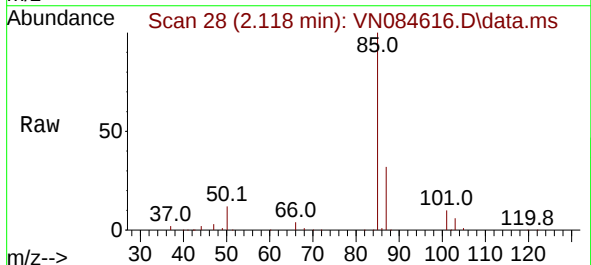
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

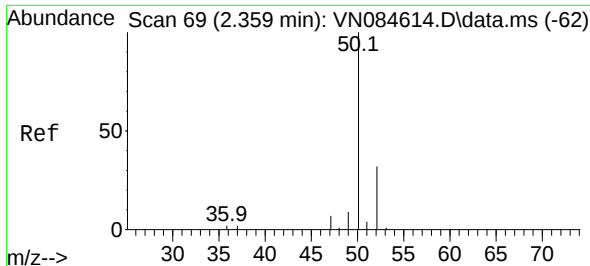
Tgt Ion:128 Resp: 34742
Ion Ratio Lower Upper
128 100
49 170.4 0.0 427.0
130 126.1 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 94.416 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 85 Resp: 190784
Ion Ratio Lower Upper
85 100
87 32.1 14.9 44.9

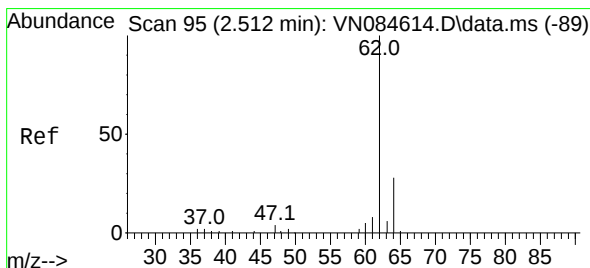
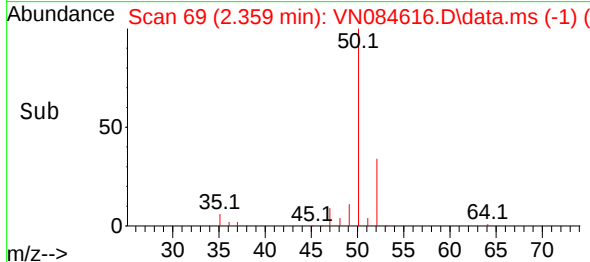
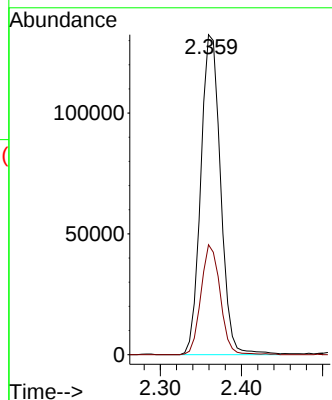
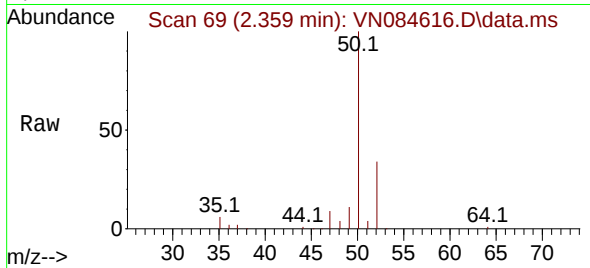




#3
Chloromethane
Concen: 92.457 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

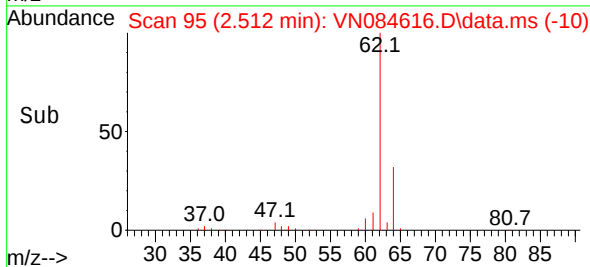
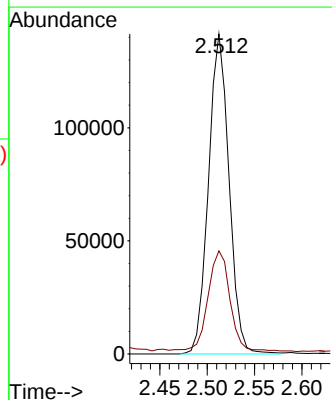
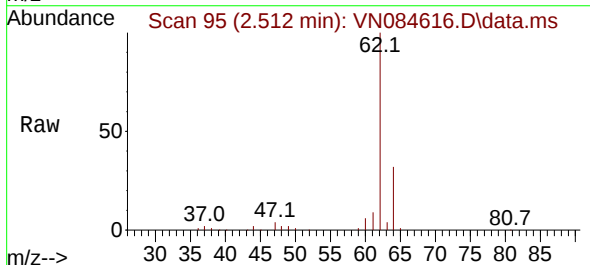
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

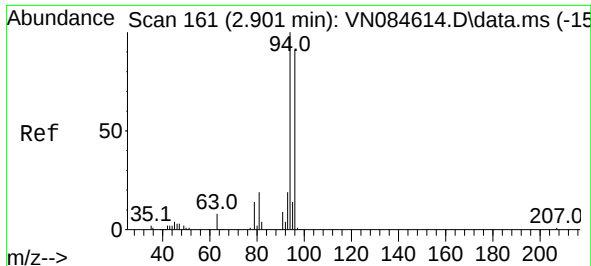
Tgt Ion: 50 Resp: 224931
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3



#4
Vinyl Chloride
Concen: 94.361 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 62 Resp: 213170
Ion Ratio Lower Upper
62 100
64 31.3 23.1 34.7

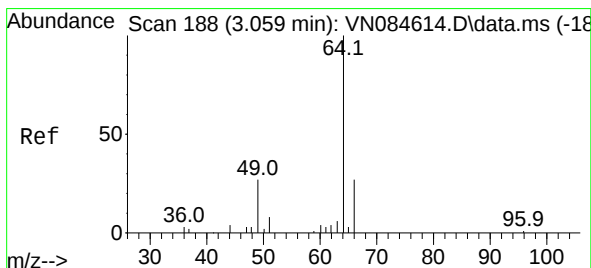
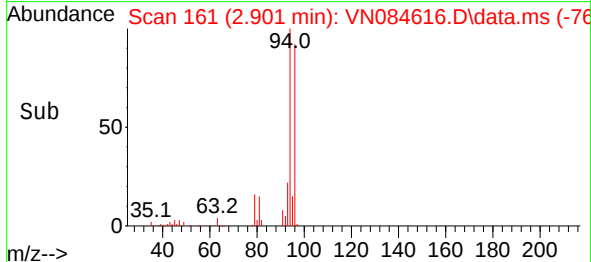
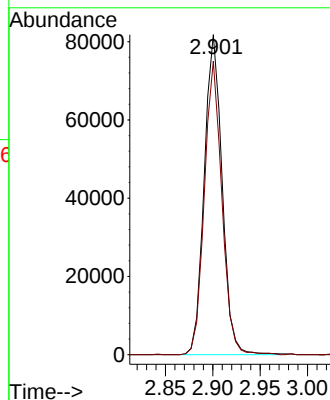
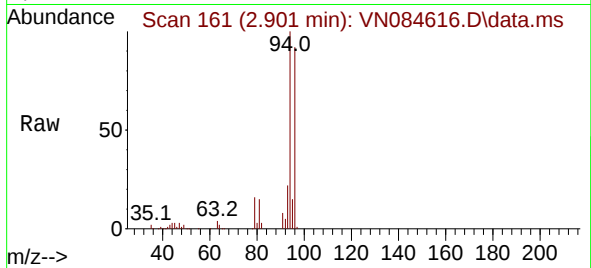




#5
Bromomethane
Concen: 93.582 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

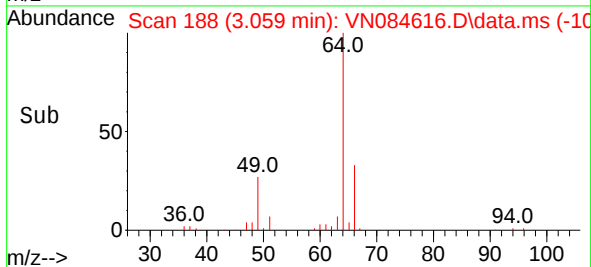
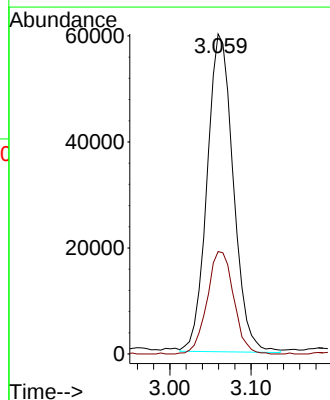
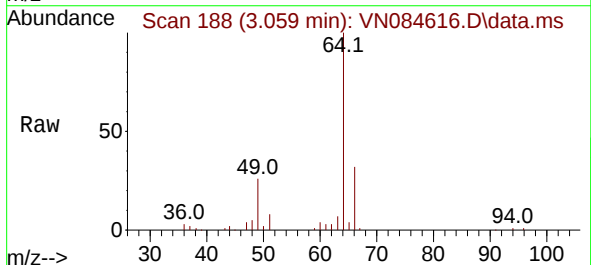
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

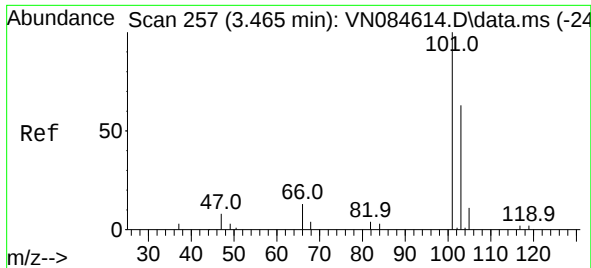
Tgt Ion: 94 Resp: 107304
Ion Ratio Lower Upper
94 100
96 91.7 72.7 109.1



#6
Chloroethane
Concen: 89.622 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 64 Resp: 134554
Ion Ratio Lower Upper
64 100
66 32.4 22.1 33.1

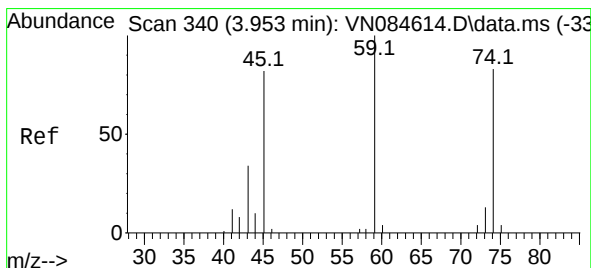
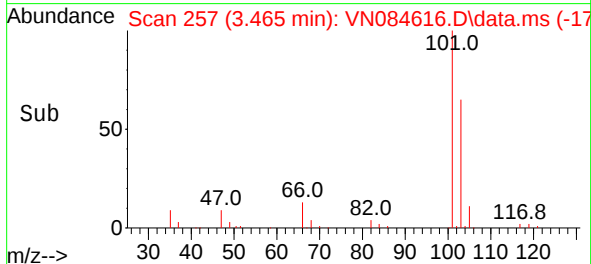
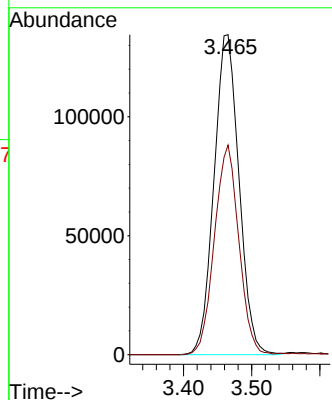
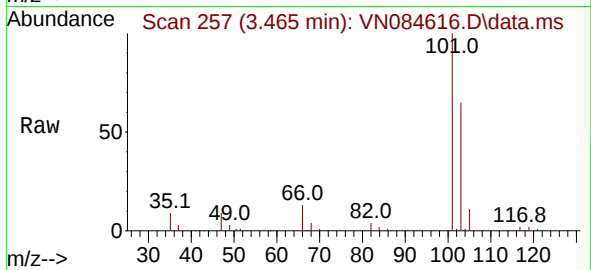




#7
 Trichlorofluoromethane
 Concen: 93.780 ug/l
 RT: 3.465 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

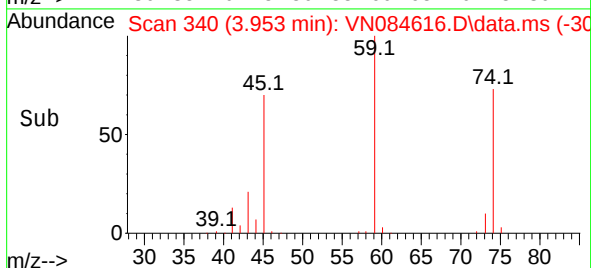
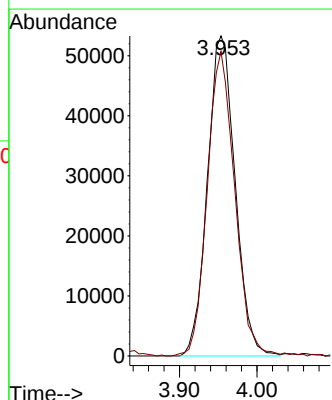
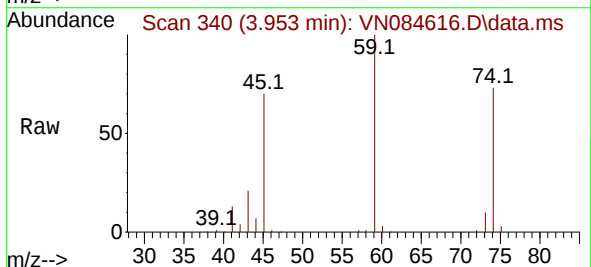
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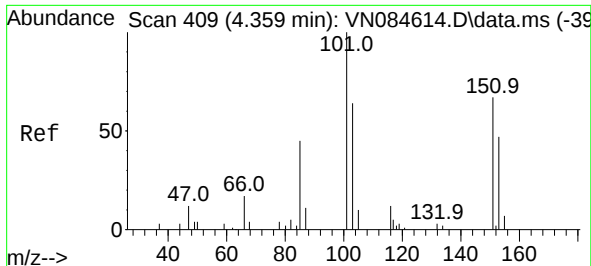
Tgt Ion:101 Resp: 344065
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 101.279 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

Tgt Ion: 74 Resp: 132542
 Ion Ratio Lower Upper
 74 100
 45 94.0 19.8 178.4

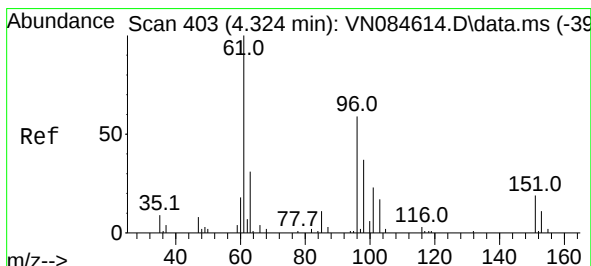
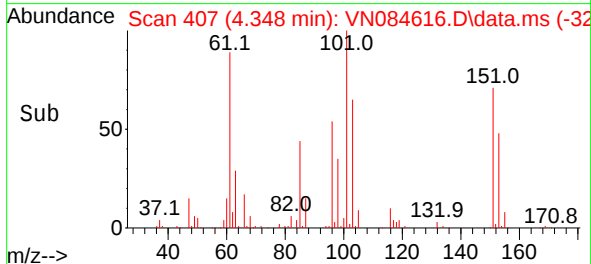
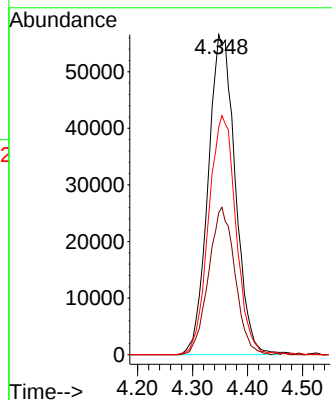
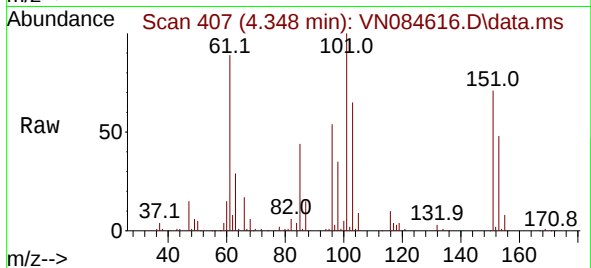




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.533 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

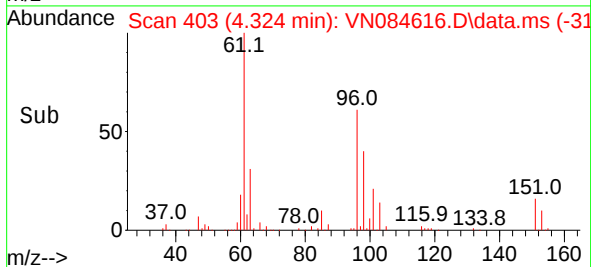
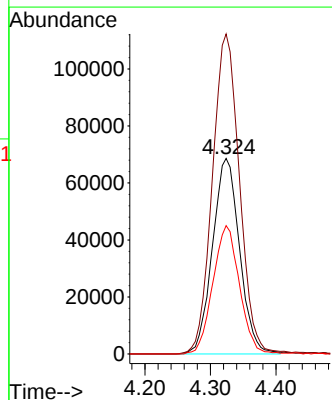
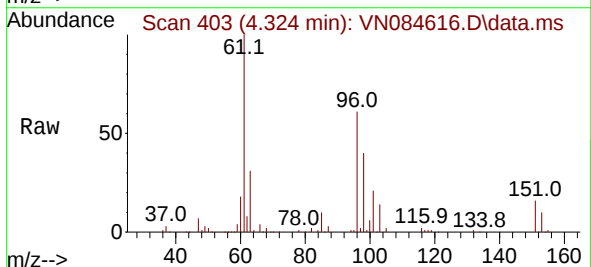
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

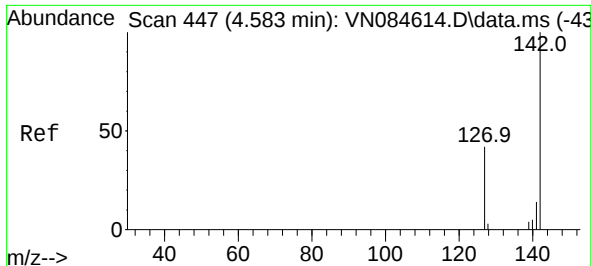
Tgt Ion:101 Resp: 193932
Ion Ratio Lower Upper
101 100
85 44.7 0.0 89.6
151 75.0 0.0 149.4



#10
1,1-Dichloroethene
Concen: 97.174 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 96 Resp: 196748
Ion Ratio Lower Upper
96 100
61 163.5 135.1 202.7
98 65.7 50.4 75.6

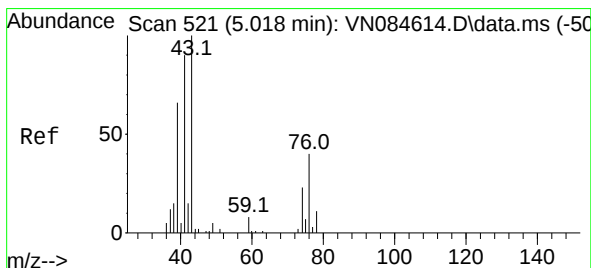
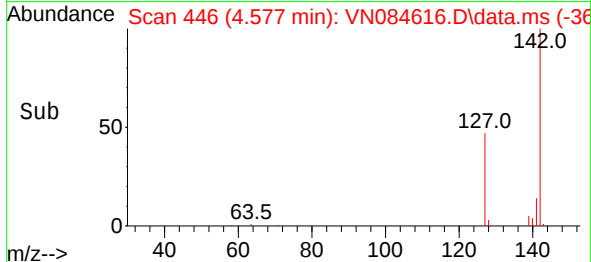
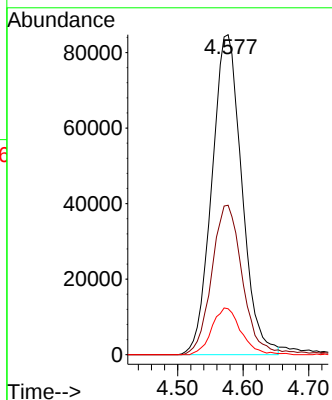
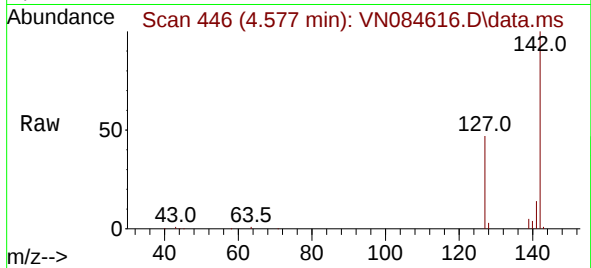




#11
Methyl Iodide
Concen: 96.444 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

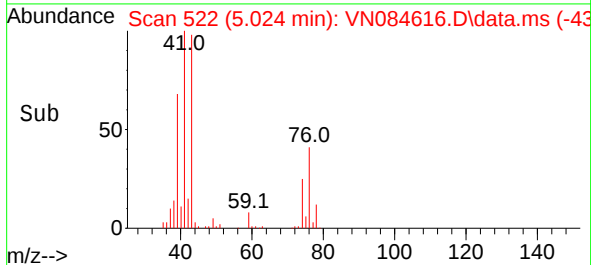
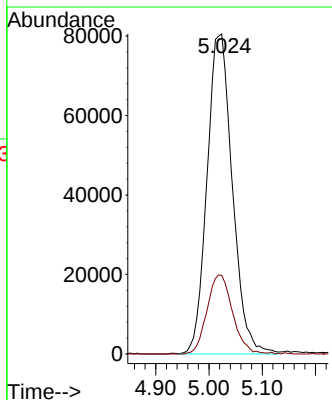
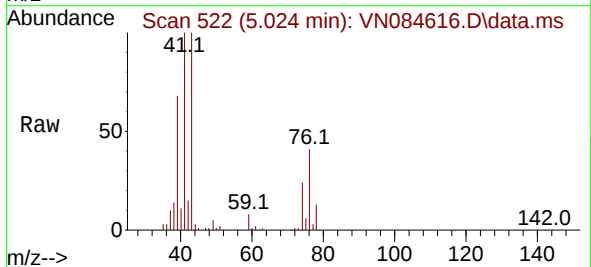
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

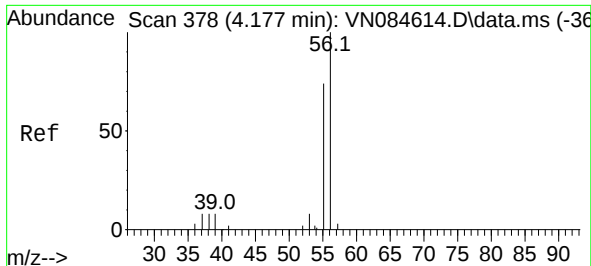
Tgt Ion:142 Resp: 268385
Ion Ratio Lower Upper
142 100
127 46.5 20.3 60.9
141 14.4 6.9 20.7



#12
Methyl Acetate
Concen: 84.389 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 43 Resp: 266611
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.4

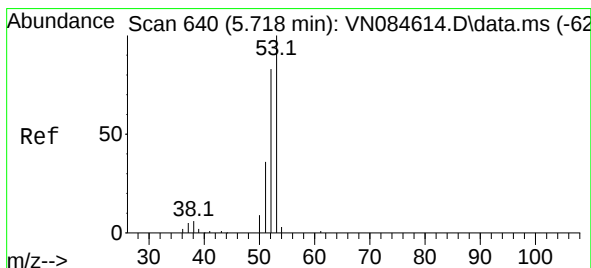
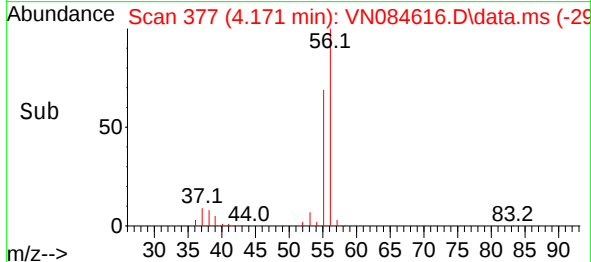
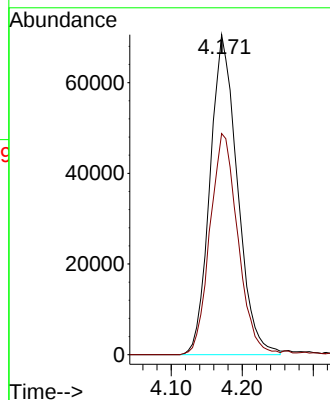
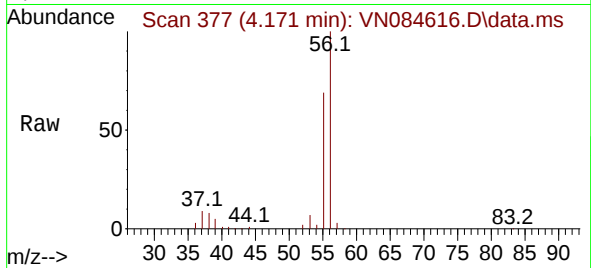




#13
Acrolein
Concen: 485.398 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

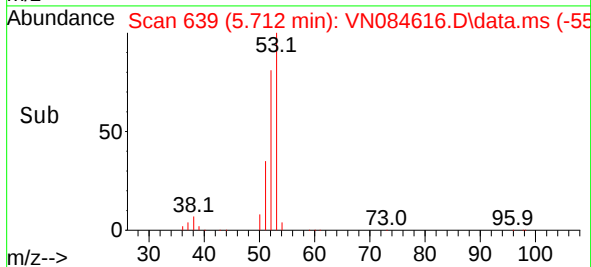
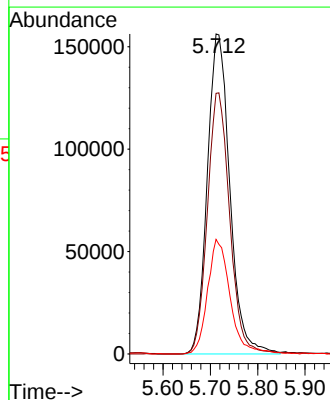
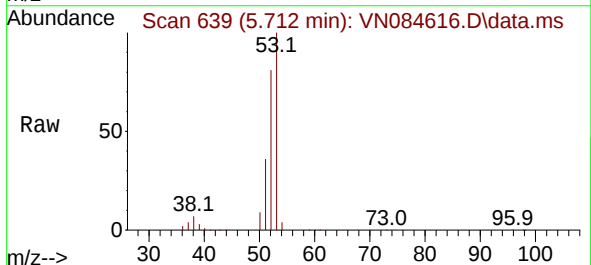
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

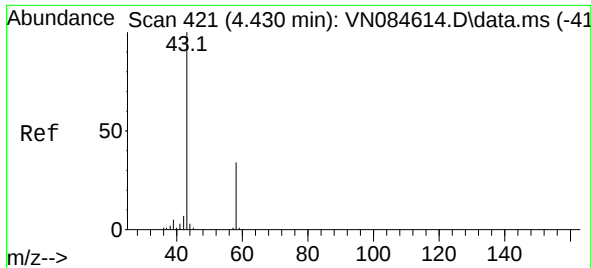
Tgt Ion: 56 Resp: 188911
Ion Ratio Lower Upper
56 100
55 70.4 56.7 85.1



#14
Acrylonitrile
Concen: 500.435 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 53 Resp: 516678
Ion Ratio Lower Upper
53 100
52 80.8 41.6 124.9
51 35.8 18.2 54.6





#15

Acetone

Concen: 487.448 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

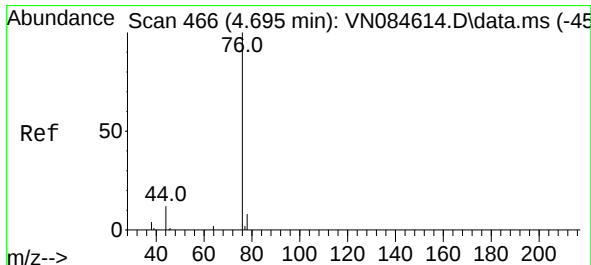
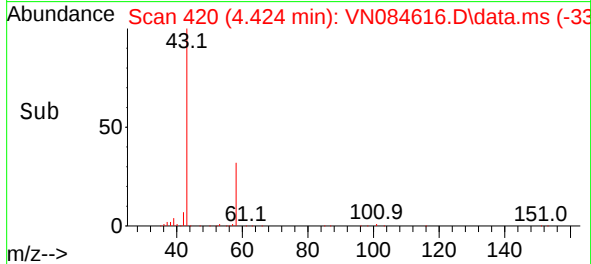
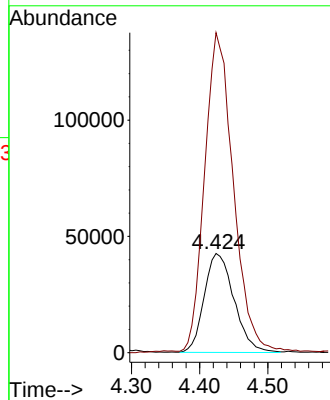
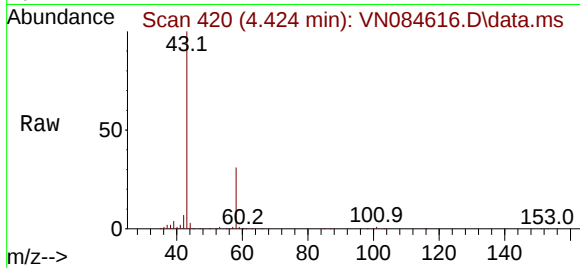
VSTDIC100

Tgt Ion: 58 Resp: 129317

Ion Ratio Lower Upper

58 100

43 322.6 233.0 349.6



#16

Carbon Disulfide

Concen: 96.334 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN084616.D

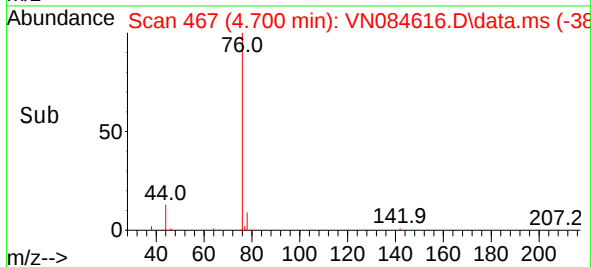
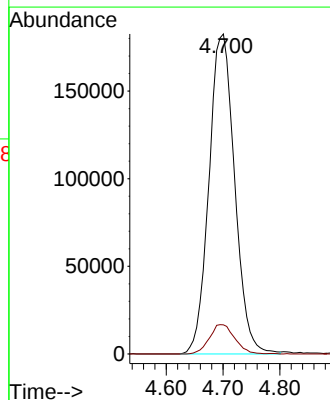
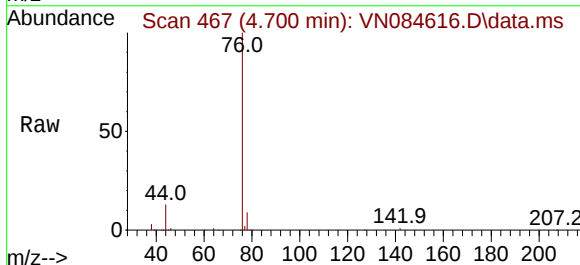
Acq: 31 Oct 2024 13:20

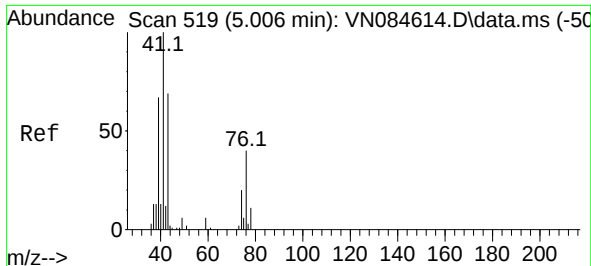
Tgt Ion: 76 Resp: 573917

Ion Ratio Lower Upper

76 100

78 9.1 6.6 9.8



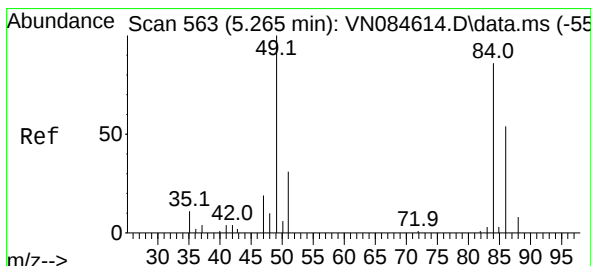
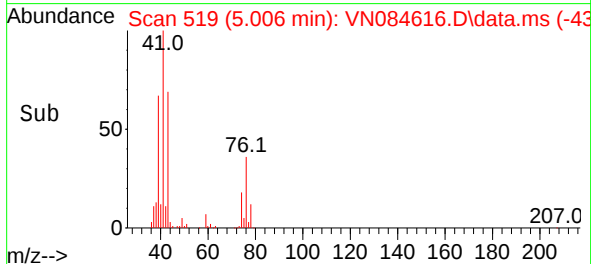
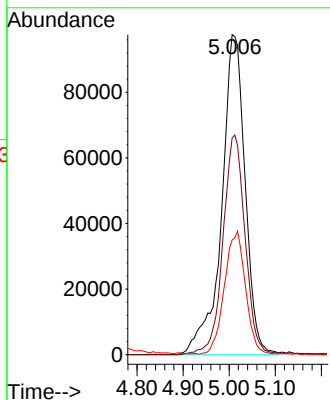
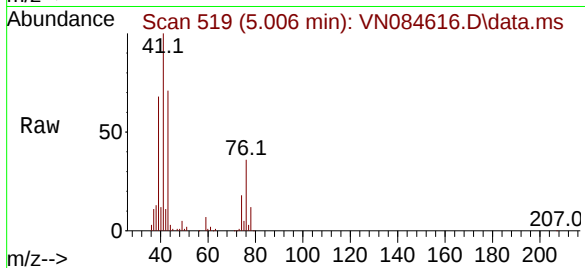


#17
Allyl chloride
Concen: 101.215 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 345769

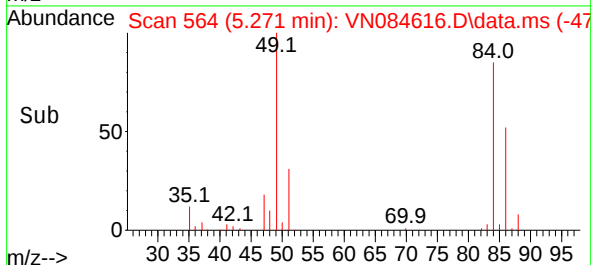
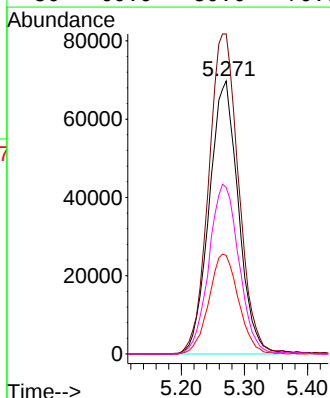
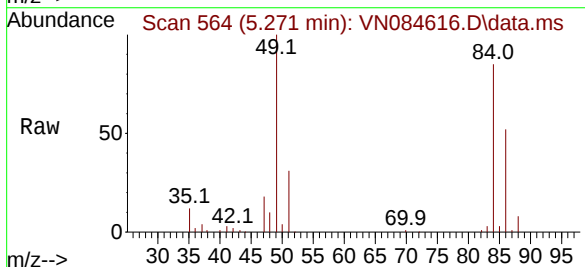
Ion	Ratio	Lower	Upper
41	100		
39	67.7	33.4	100.2
76	35.6	20.2	60.6

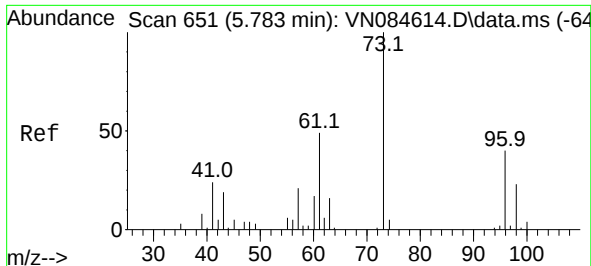


#18
Methylene Chloride
Concen: 94.210 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 84 Resp: 223525

Ion	Ratio	Lower	Upper
84	100		
49	117.0	93.0	139.6
51	36.1	28.9	43.3
86	60.9	50.6	76.0





#19

trans-1,2-Dichloroethene

Concen: 96.906 ug/l

RT: 5.777 min Scan# 651

Delta R.T. -0.006 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

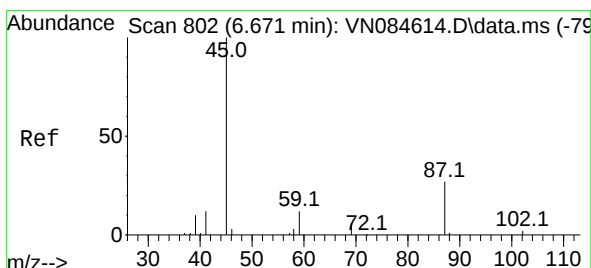
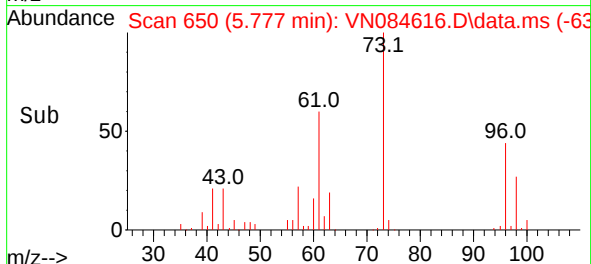
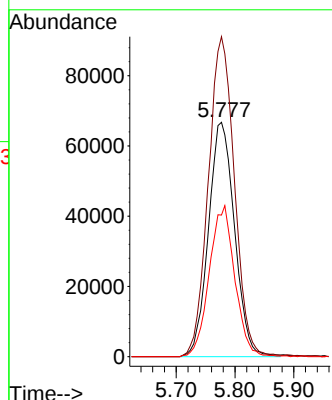
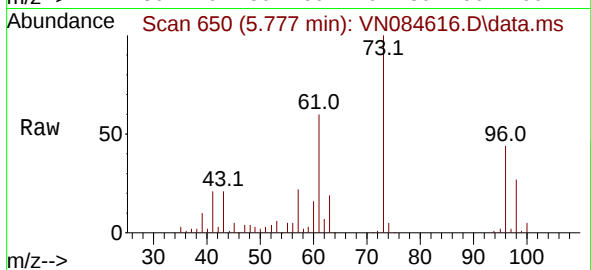
Tgt Ion: 96 Resp: 205660

Ion Ratio Lower Upper

96 100

61 136.5 98.1 147.1

98 60.4 46.6 69.8



#20

Diisopropyl ether

Concen: 99.753 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Tgt Ion: 45 Resp: 688942

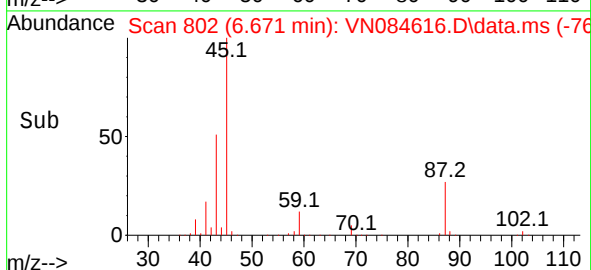
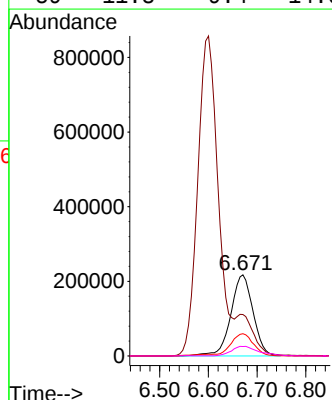
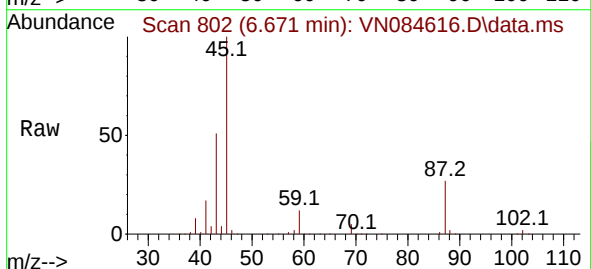
Ion Ratio Lower Upper

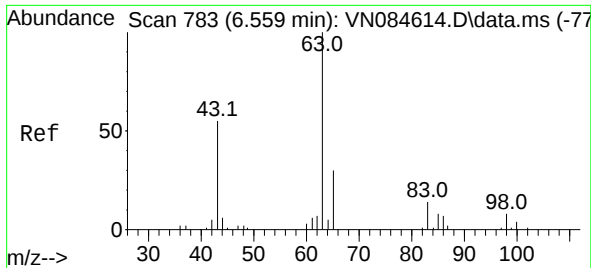
45 100

43 50.0 42.6 64.0

87 27.2 23.0 34.4

59 11.3 9.4 14.0

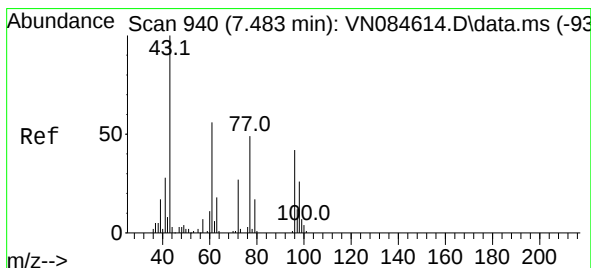
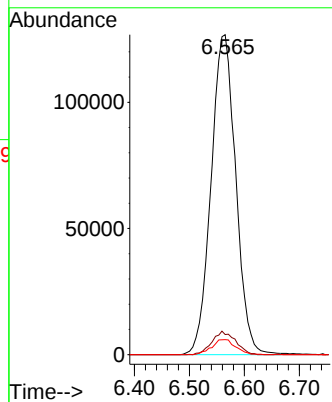
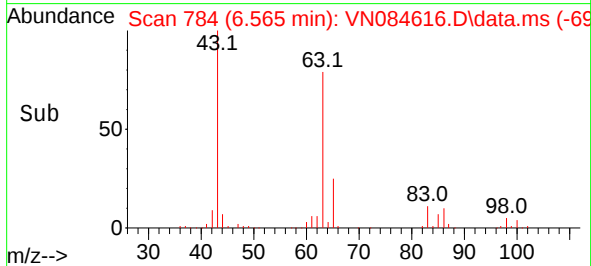
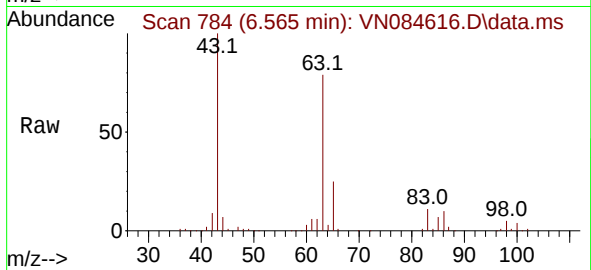




#21
1,1-Dichloroethane
Concen: 95.263 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

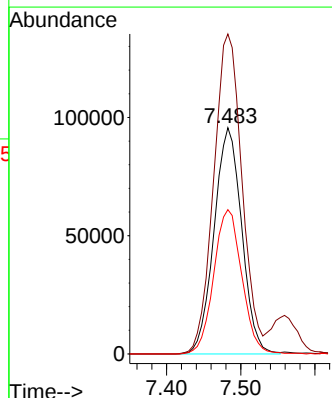
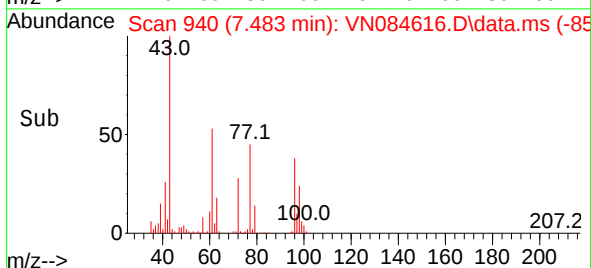
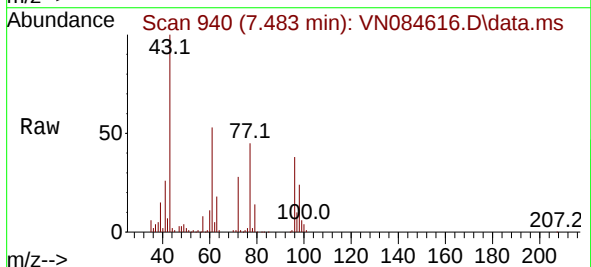
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

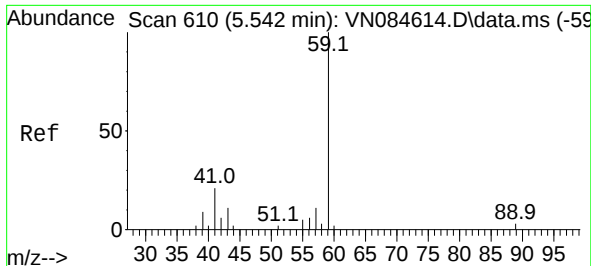
Tgt Ion: 63 Resp: 395669
Ion Ratio Lower Upper
63 100
98 6.3 3.8 11.4
100 4.7 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 97.839 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 96 Resp: 247895
Ion Ratio Lower Upper
96 100
61 144.7 121.8 182.8
98 64.7 53.2 79.8





#23

tert-Butyl Alcohol

Concen: 457.302 ug/l

RT: 5.547 min Scan# 611

Delta R.T. 0.006 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

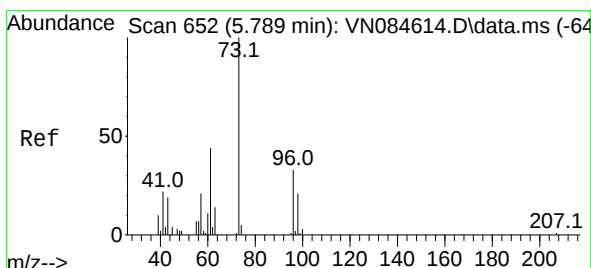
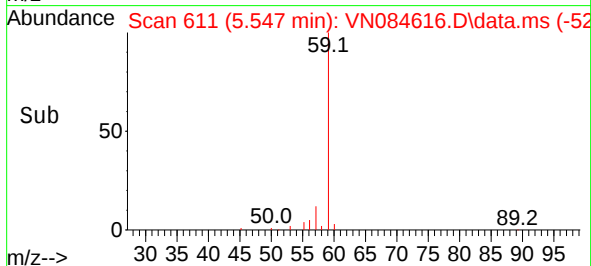
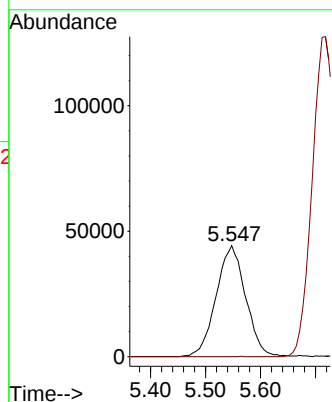
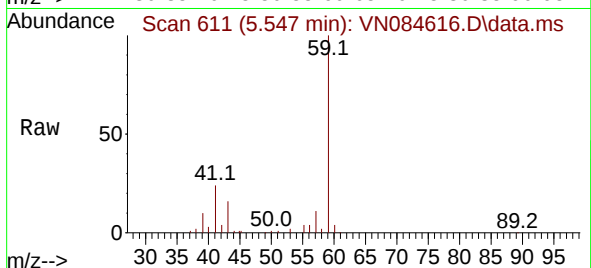
VSTDIC100

Tgt Ion: 59 Resp: 164832

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 102.082 ug/l

RT: 5.794 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN084616.D

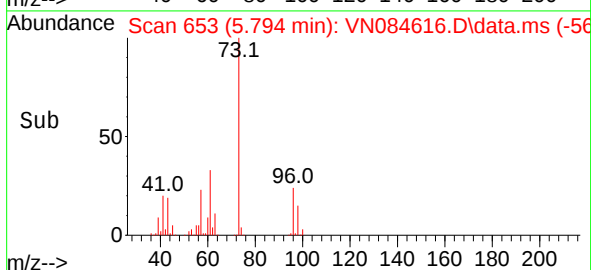
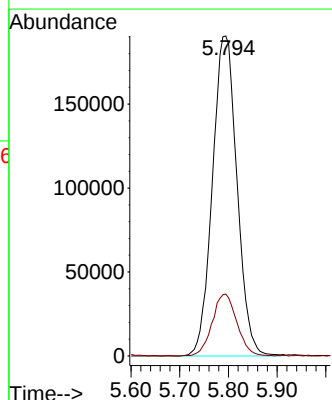
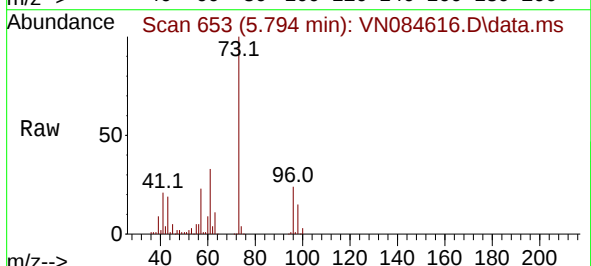
Acq: 31 Oct 2024 13:20

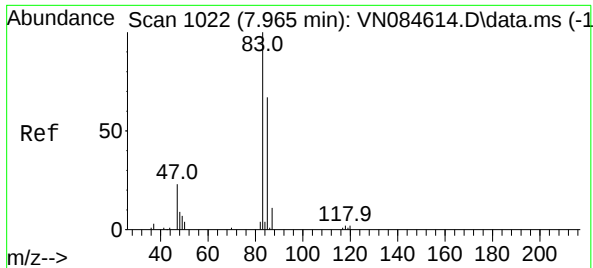
Tgt Ion: 73 Resp: 668387

Ion Ratio Lower Upper

73 100

43 19.5 16.5 24.7

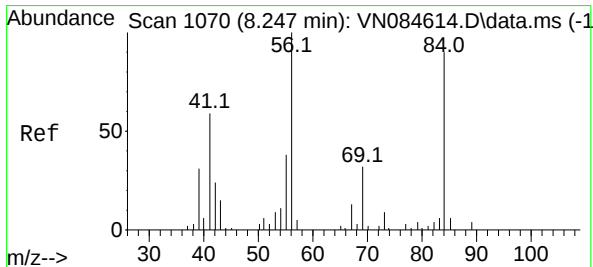
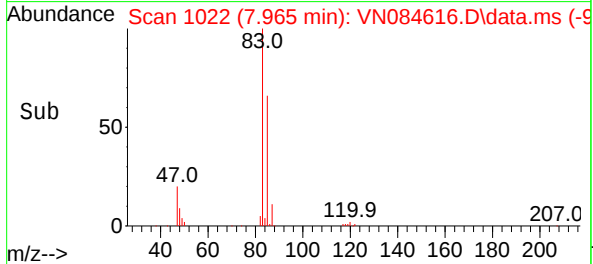
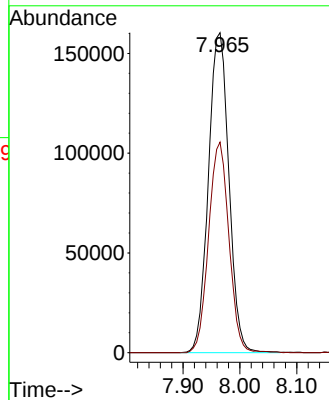
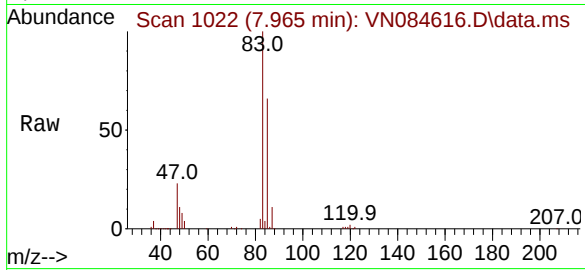




#25
Chloroform
Concen: 94.396 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

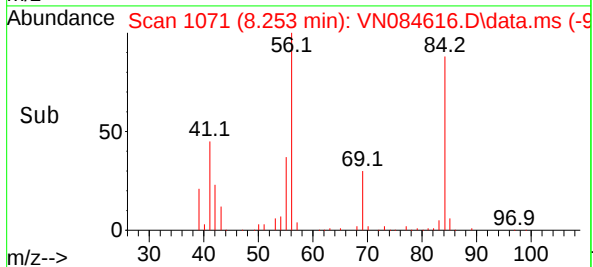
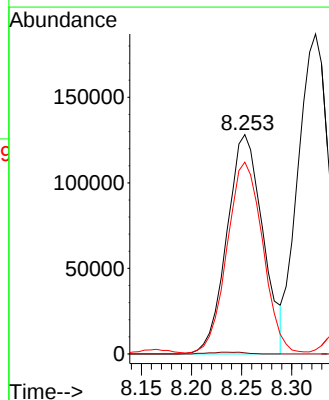
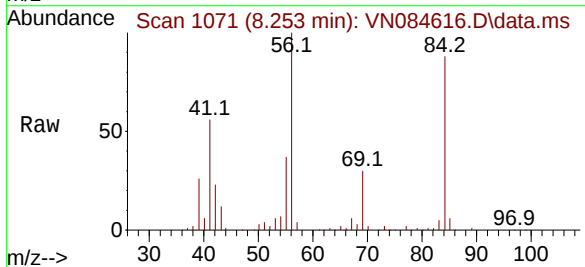
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

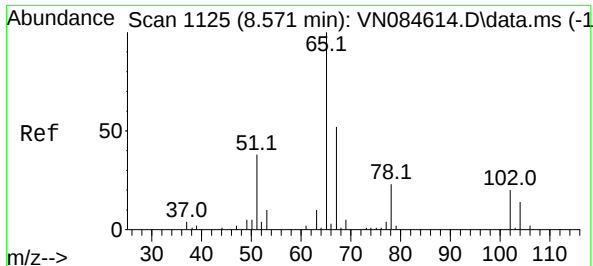
Tgt Ion: 83 Resp: 401691
Ion Ratio Lower Upper
83 100
85 65.8 53.4 80.2



#26
Cyclohexane
Concen: 100.777 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 56 Resp: 319727
Ion Ratio Lower Upper
56 100
89 0.6 3.0 4.4#
84 87.3 70.6 106.0

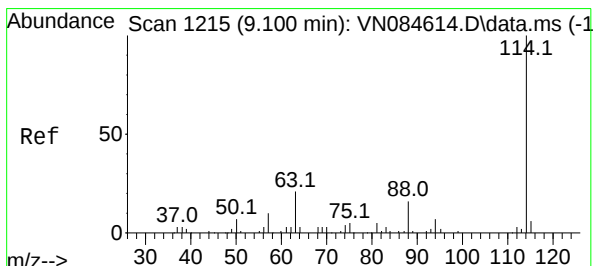
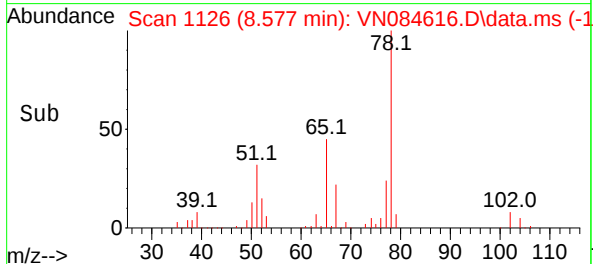
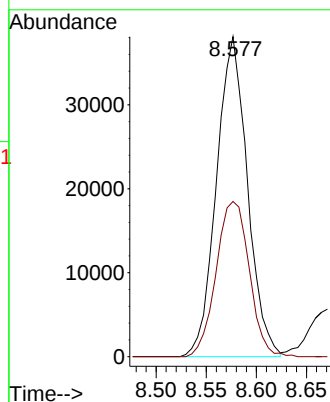
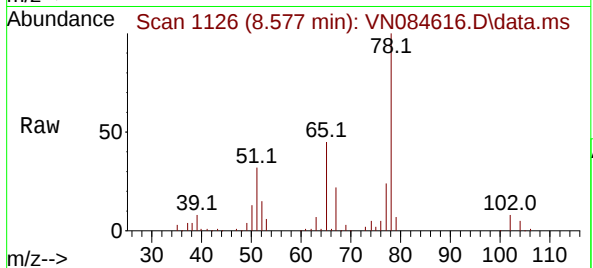




#27
 1,2-Dichloroethane-d4
 Concen: 29.267 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

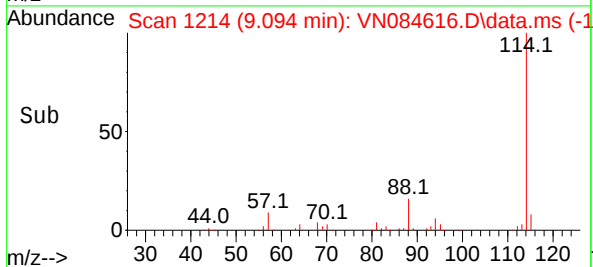
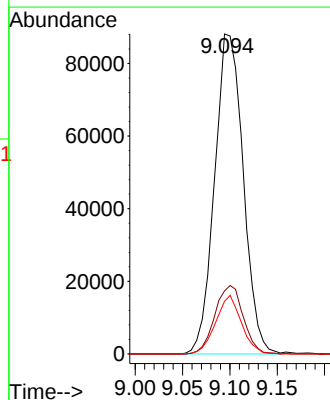
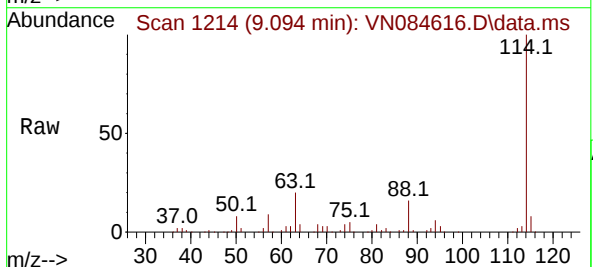
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

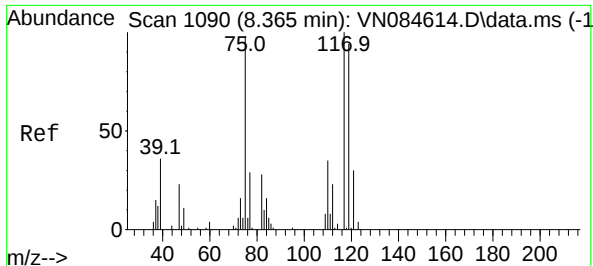
Tgt Ion: 65 Resp: 81745
 Ion Ratio Lower Upper
 65 100
 67 51.9 40.7 61.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

Tgt Ion: 114 Resp: 185533
 Ion Ratio Lower Upper
 114 100
 63 21.1 16.8 25.2
 88 16.4 12.9 19.3

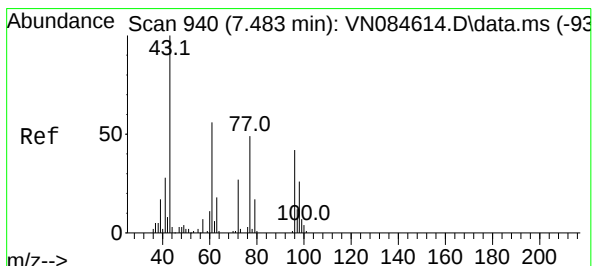
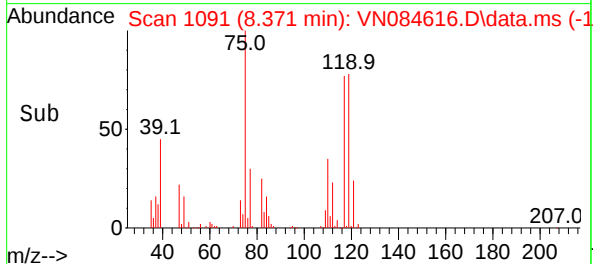
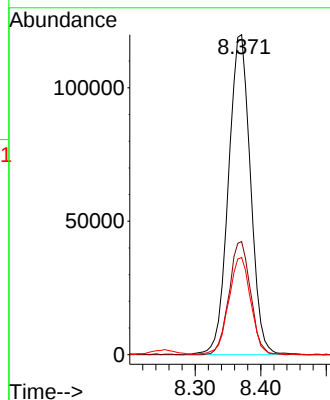
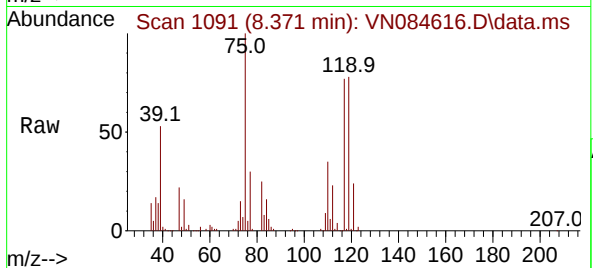




#29
1,1-Dichloropropene
Concen: 99.967 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

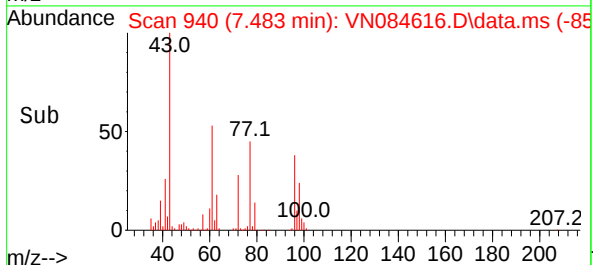
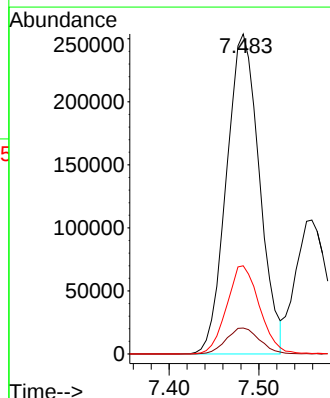
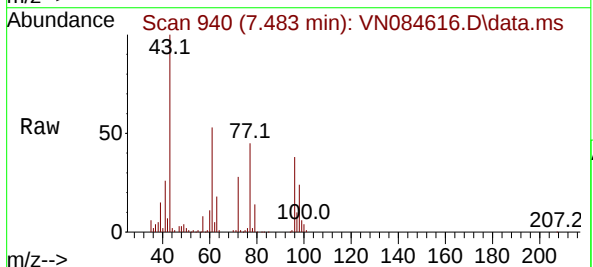
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

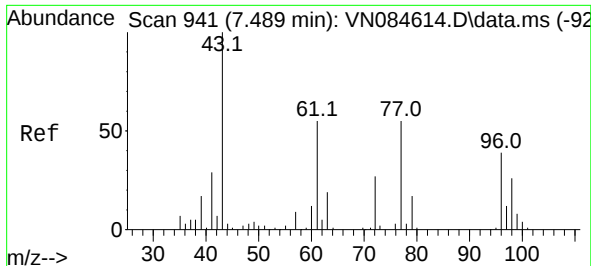
Tgt Ion: 75 Resp: 279360
Ion Ratio Lower Upper
75 100
110 34.7 0.0 69.4
77 30.3 0.0 62.0



#30
2-Butanone
Concen: 502.619 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 43 Resp: 647906
Ion Ratio Lower Upper
43 100
57 8.2 6.2 9.4
72 27.4 21.5 32.3





#31

2,2-Dichloropropane

Concen: 95.693 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

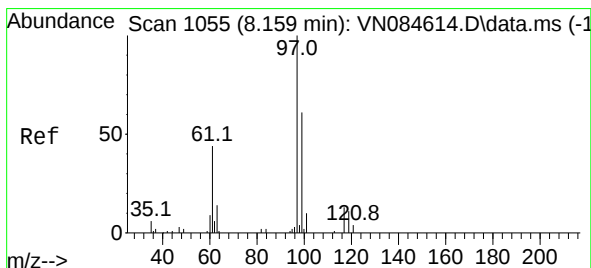
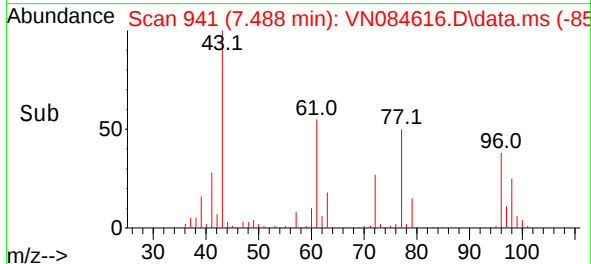
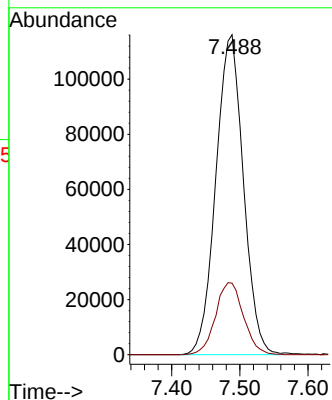
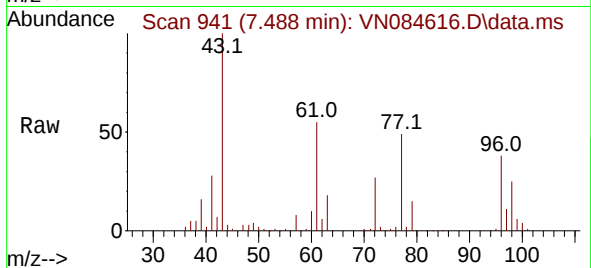
VSTDICC100

Tgt Ion: 77 Resp: 326433

Ion Ratio Lower Upper

77 100

97 22.9 17.4 26.2



#32

1,1,1-Trichloroethane

Concen: 96.624 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

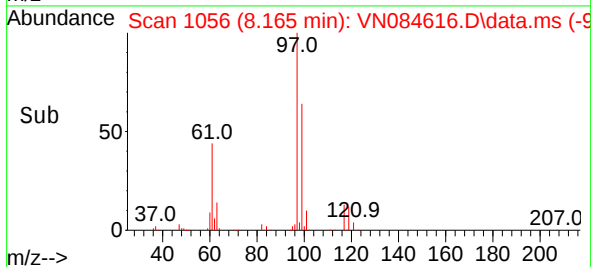
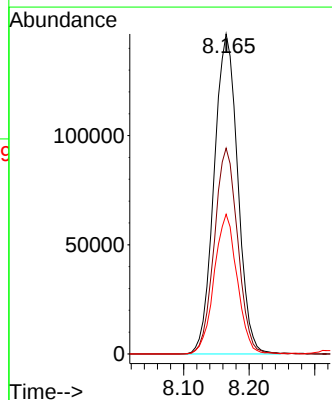
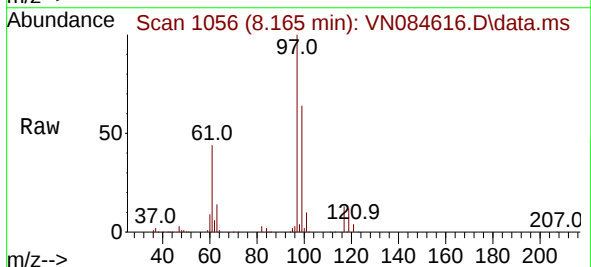
Tgt Ion: 97 Resp: 366838

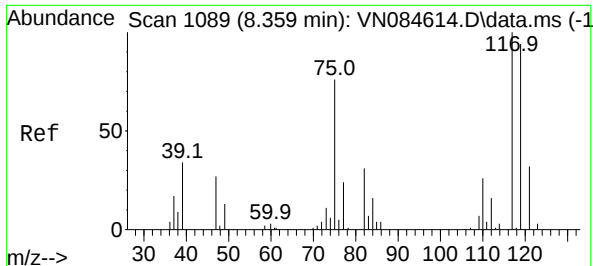
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 42.6 34.2 51.4





#33

Carbon Tetrachloride

Concen: 96.275 ug/l

RT: 8.359 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

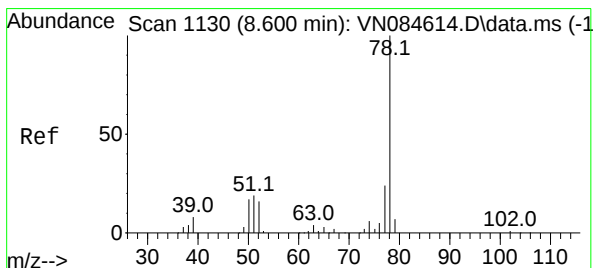
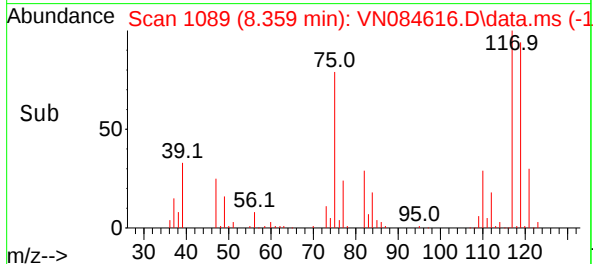
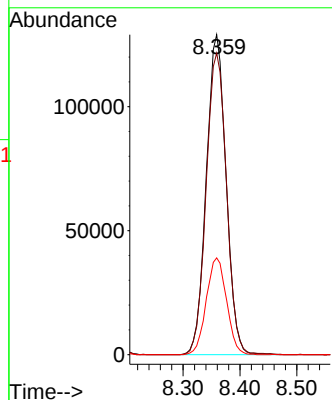
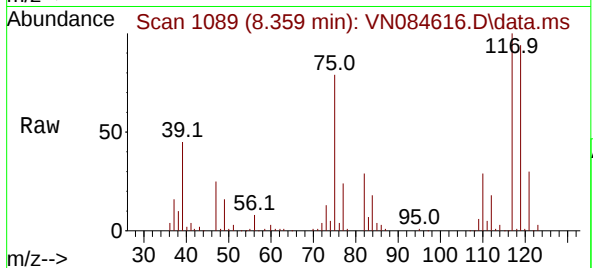
Tgt Ion:117 Resp: 311893

Ion Ratio Lower Upper

117 100

119 94.2 75.7 113.5

121 30.3 25.4 38.0



#34

Benzene

Concen: 97.735 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

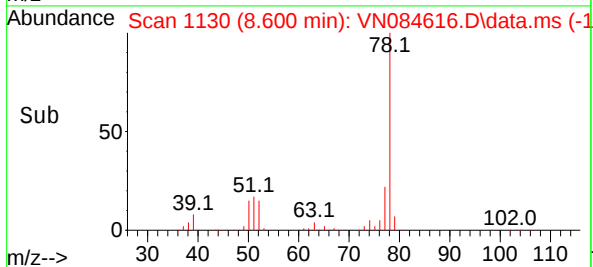
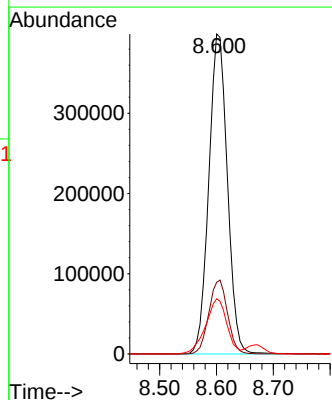
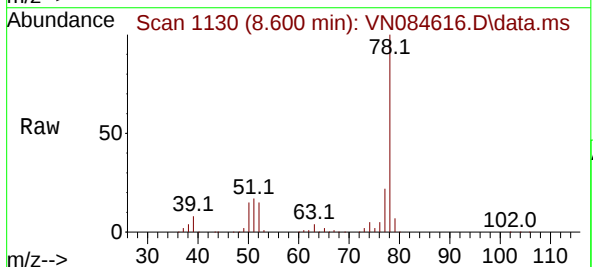
Tgt Ion: 78 Resp: 902770

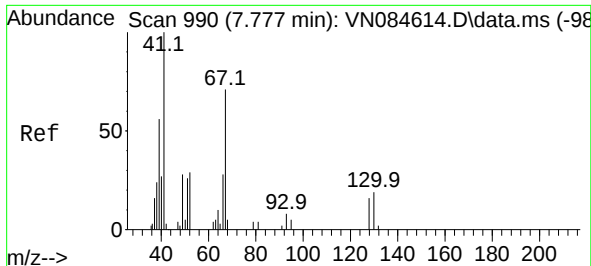
Ion Ratio Lower Upper

78 100

77 22.4 19.3 28.9

51 17.1 16.1 24.1





#35

Methacrylonitrile

Concen: 103.718 ug/l

RT: 7.777 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 158460

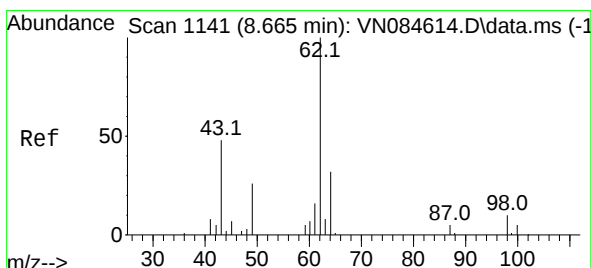
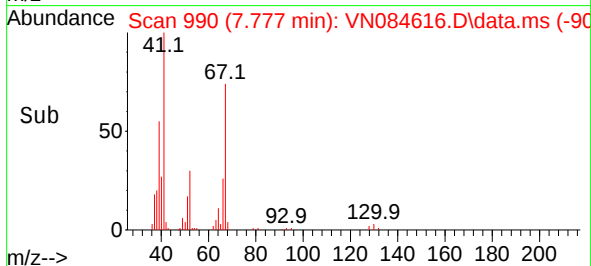
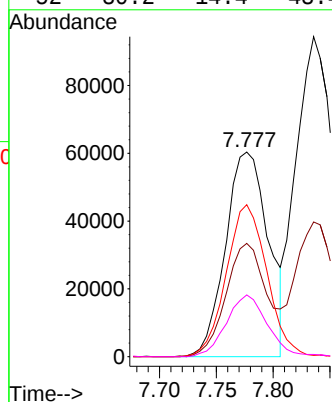
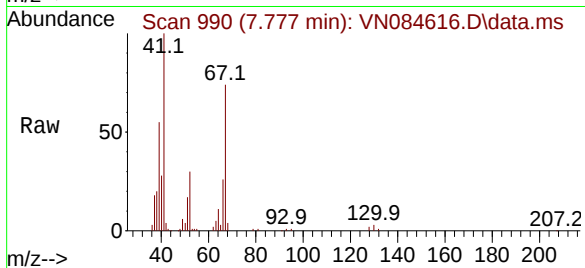
Ion Ratio Lower Upper

41 100

39 55.0 28.2 84.6

67 74.3 35.6 106.8

52 30.2 14.4 43.4



#36

1,2-Dichloroethane

Concen: 94.377 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.000 min

Lab File: VN084616.D

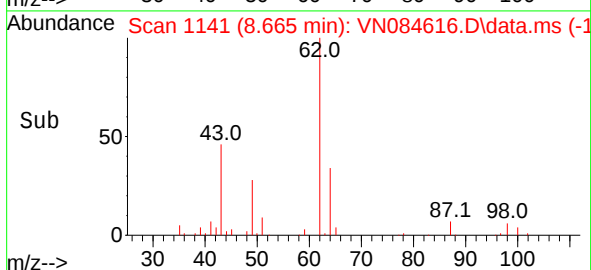
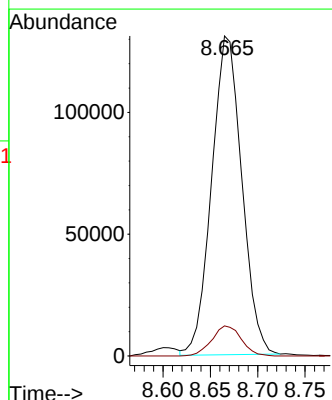
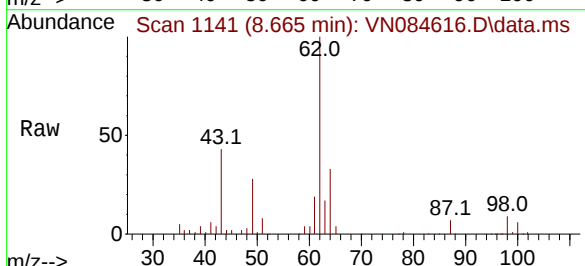
Acq: 31 Oct 2024 13:20

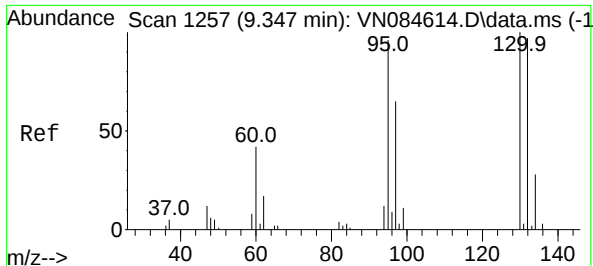
Tgt Ion: 62 Resp: 289900

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.6

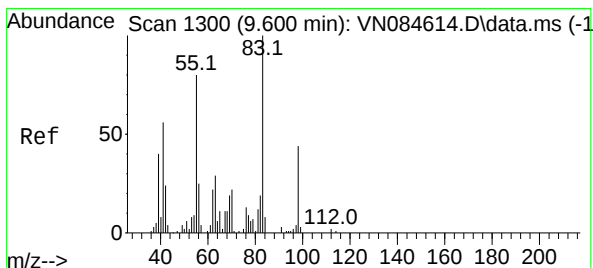
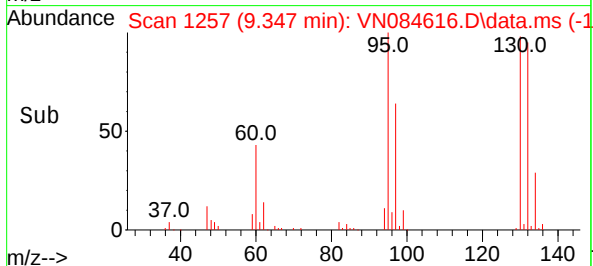
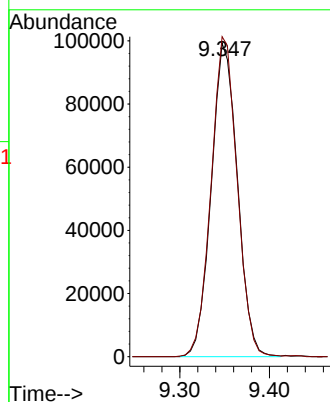
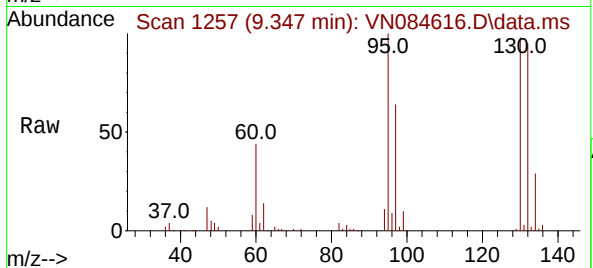




#37
Trichloroethene
Concen: 96.547 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

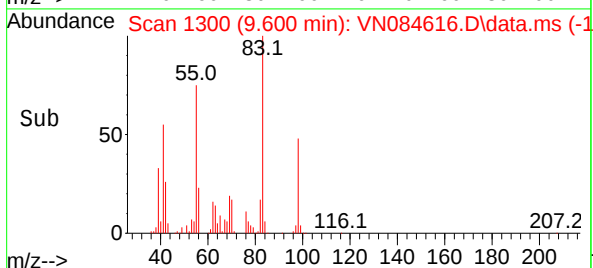
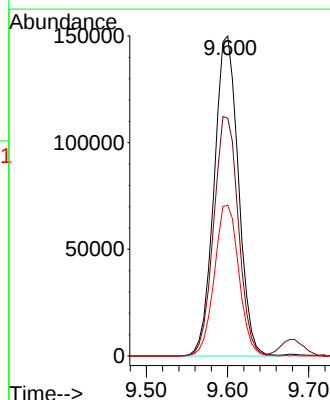
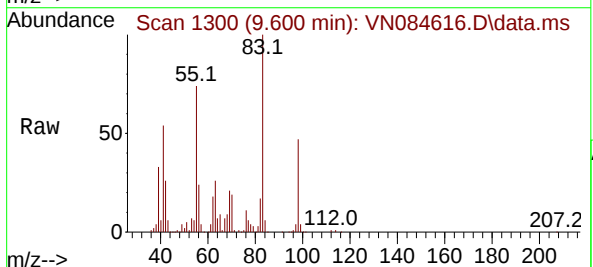
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

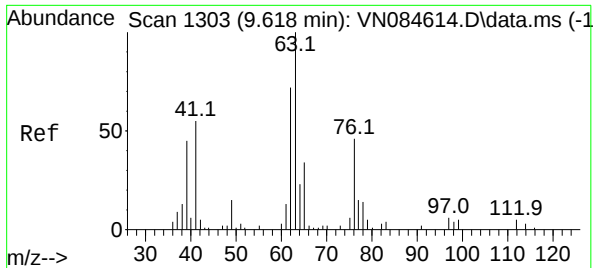
Tgt Ion:130 Resp: 201181
Ion Ratio Lower Upper
130 100
95 102.0 76.6 115.0



#38
Methylcyclohexane
Concen: 103.557 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 83 Resp: 311539
Ion Ratio Lower Upper
83 100
55 76.1 39.6 118.8
98 47.7 23.2 69.5

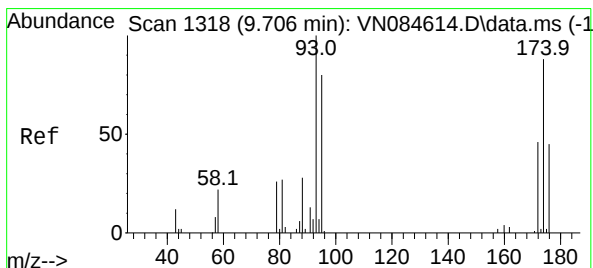
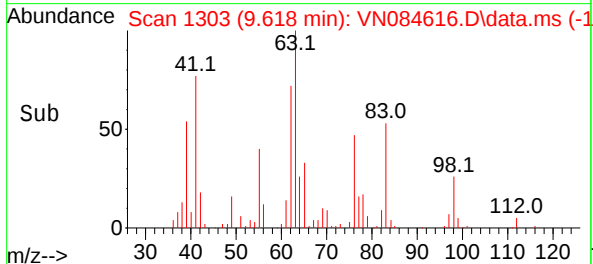
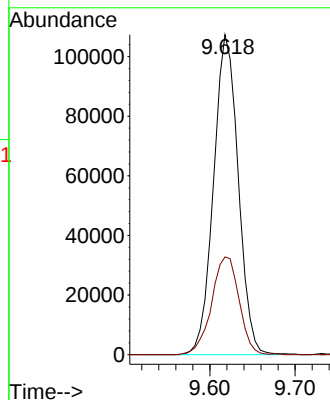
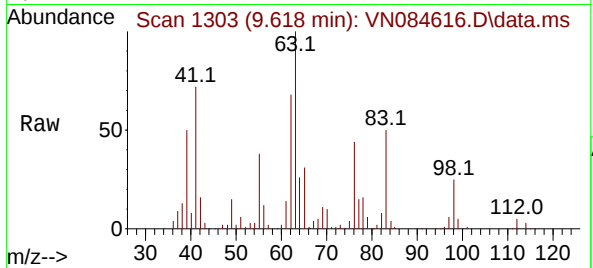




#39
1,2-Dichloropropane
Concen: 97.029 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

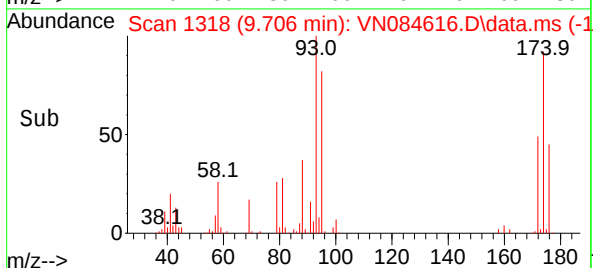
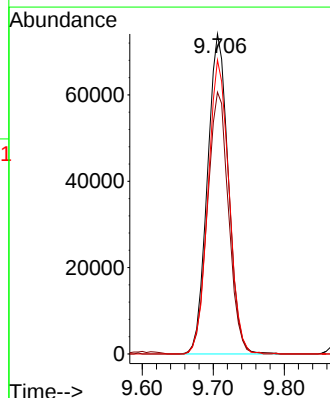
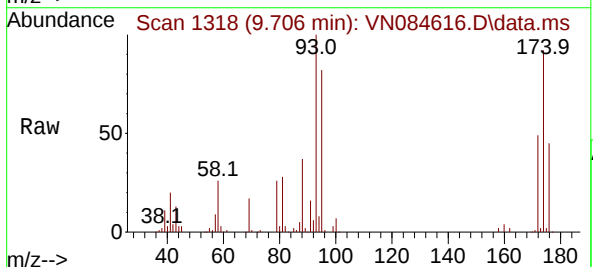
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

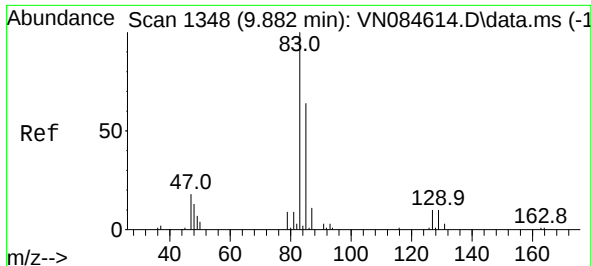
Tgt Ion: 63 Resp: 215746
Ion Ratio Lower Upper
63 100
65 30.4 27.8 41.8



#40
Dibromomethane
Concen: 97.663 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 93 Resp: 151914
Ion Ratio Lower Upper
93 100
95 82.4 0.0 168.4
174 91.5 0.0 183.4

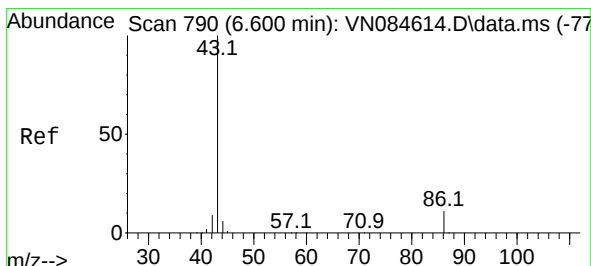
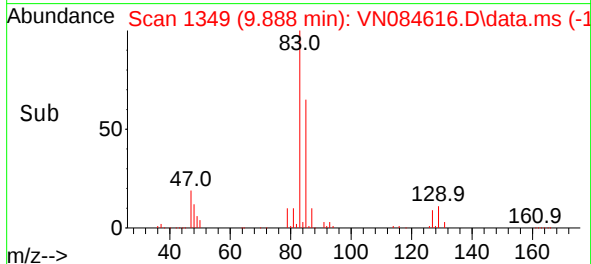
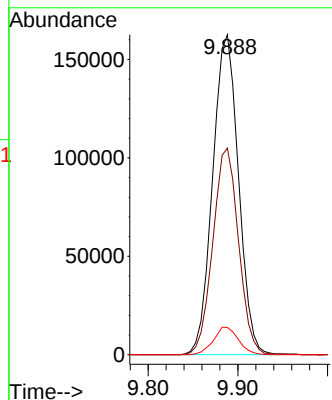
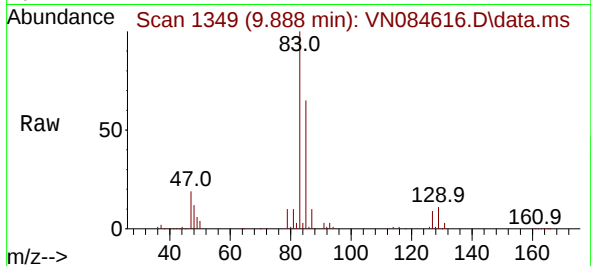




#41
Bromodichloromethane
Concen: 97.474 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

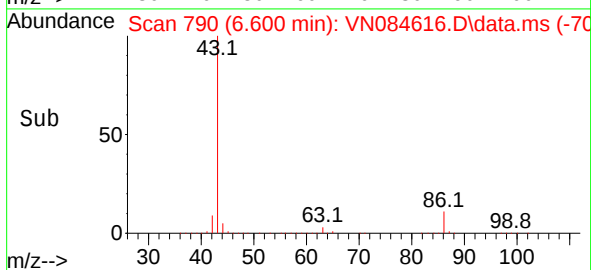
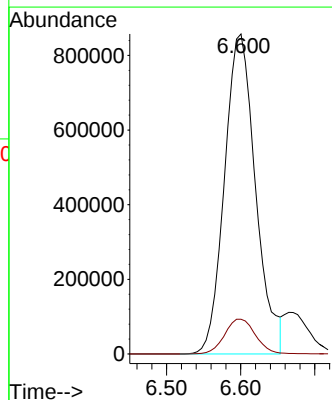
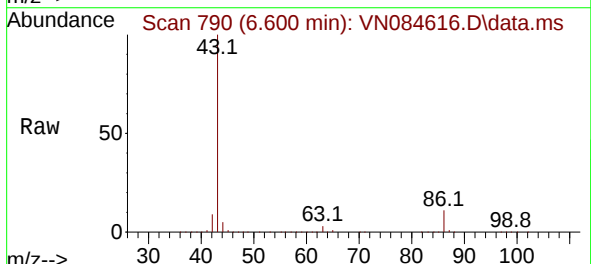
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

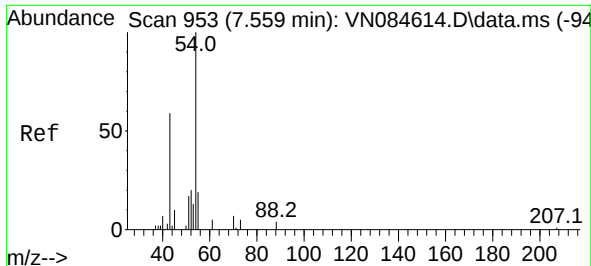
Tgt Ion: 83 Resp: 325039
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6
127 8.5 7.8 11.6



#42
Vinyl Acetate
Concen: 518.946 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 43 Resp: 2500453
Ion Ratio Lower Upper
43 100
86 10.9 8.6 13.0

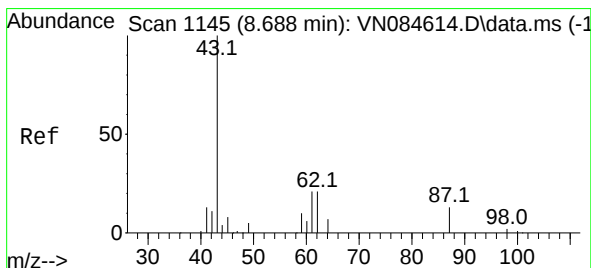
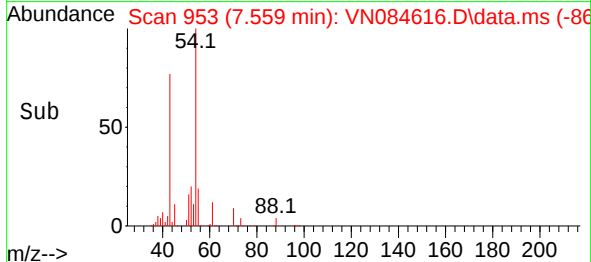
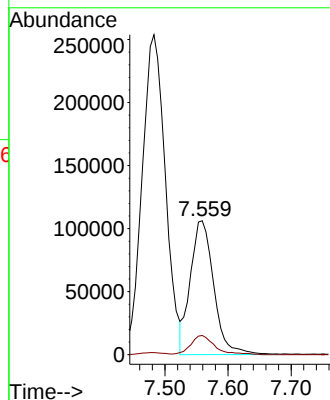
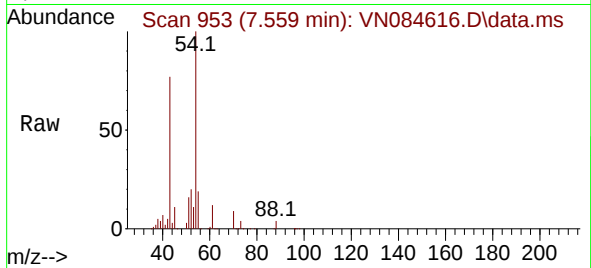




#43
Ethyl Acetate
Concen: 100.013 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

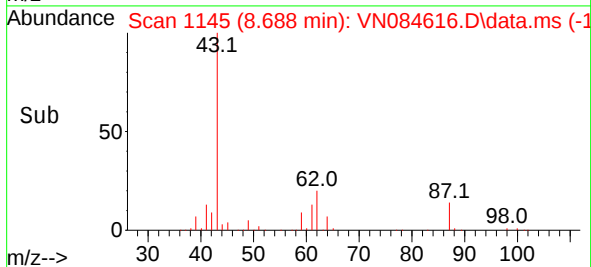
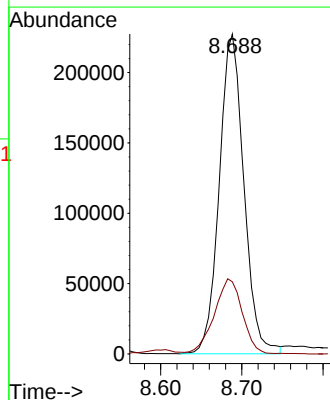
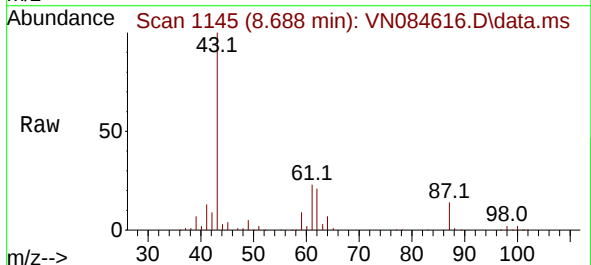
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

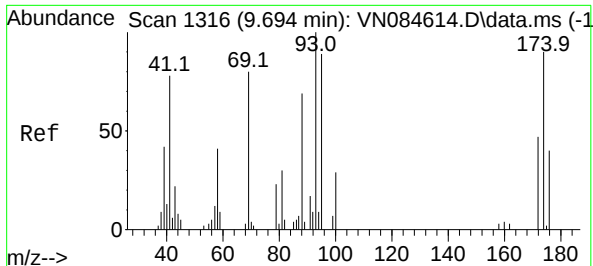
Tgt Ion: 43 Resp: 274207
Ion Ratio Lower Upper
43 100
45 14.6 11.0 16.4



#44
Isopropyl Acetate
Concen: 87.298 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 43 Resp: 478812
Ion Ratio Lower Upper
43 100
61 26.6 19.8 29.8





#45

1,4-Dioxane

Concen: 2063.461 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

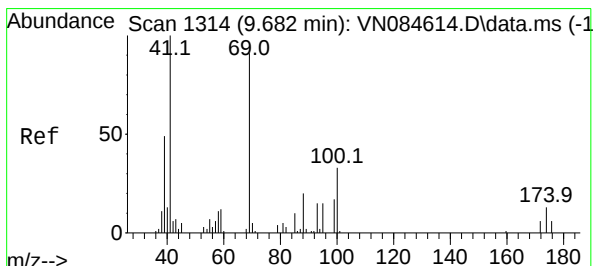
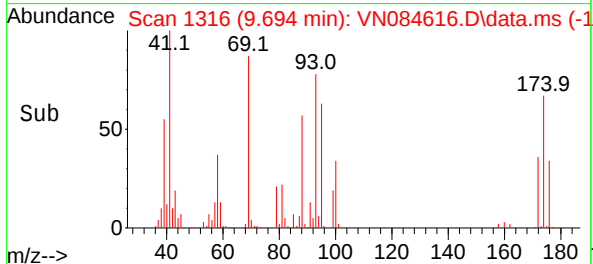
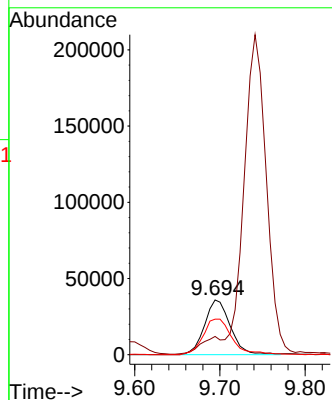
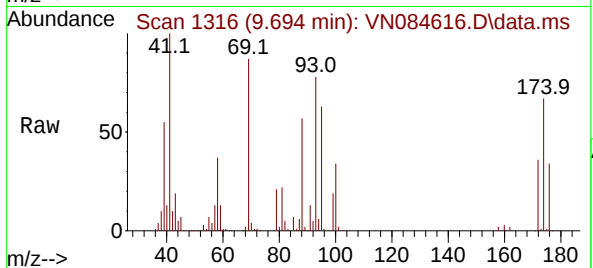
Tgt Ion: 88 Resp: 75558

Ion Ratio Lower Upper

88 100

43 24.2 20.8 31.2

58 70.2 53.4 80.2



#46

Methyl methacrylate

Concen: 103.551 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

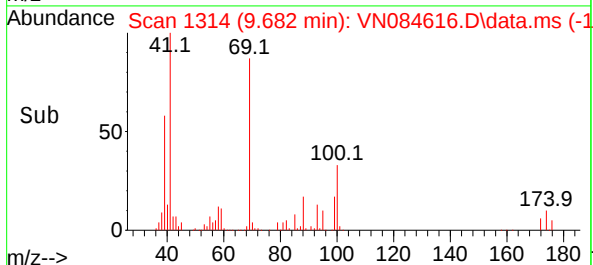
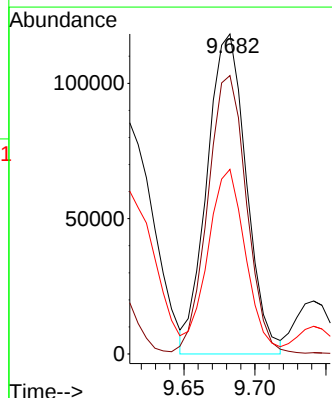
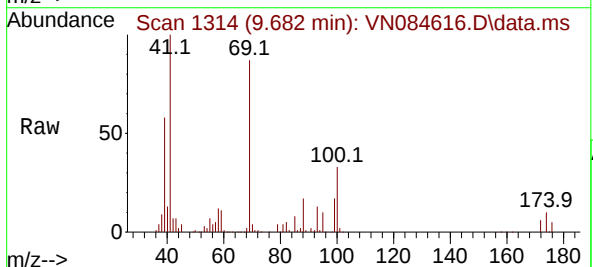
Tgt Ion: 41 Resp: 228239

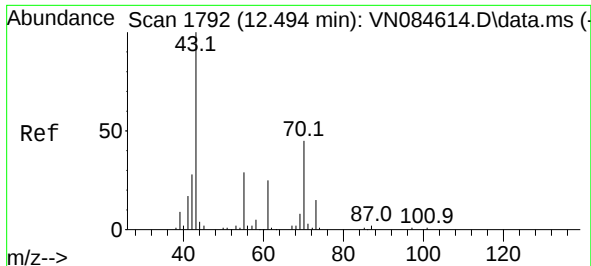
Ion Ratio Lower Upper

41 100

69 89.2 43.4 130.2

39 57.9 24.7 74.1





#47

n-amyl acetate

Concen: 106.634 ug/l

RT: 12.494 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

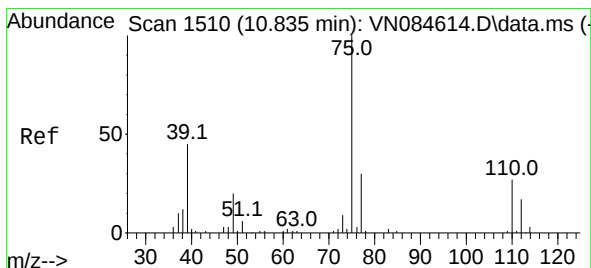
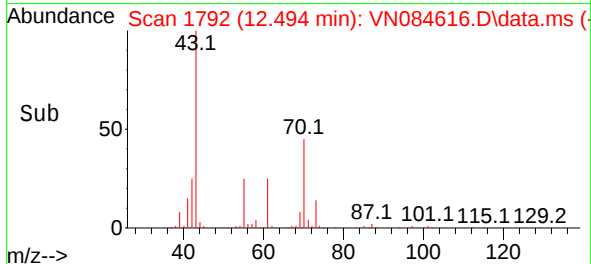
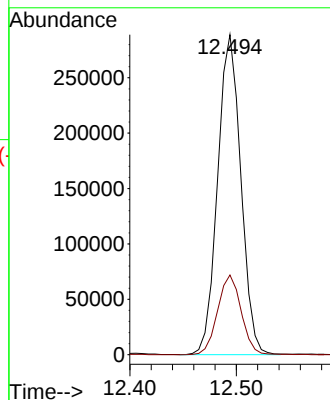
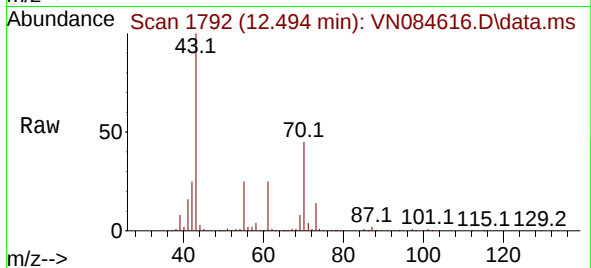
VSTDICC100

Tgt Ion: 43 Resp: 436801

Ion Ratio Lower Upper

43 100

55 25.2 22.0 33.0



#48

t-1,3-Dichloropropene

Concen: 101.131 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084616.D

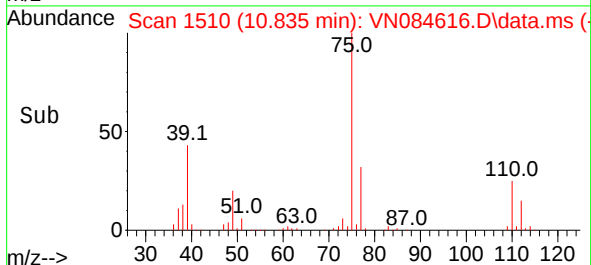
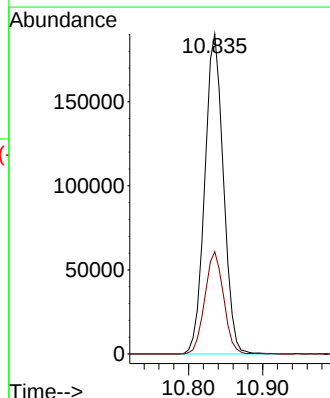
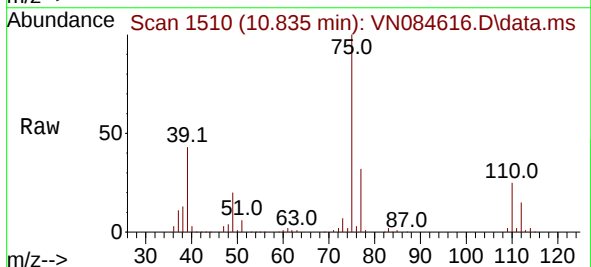
Acq: 31 Oct 2024 13:20

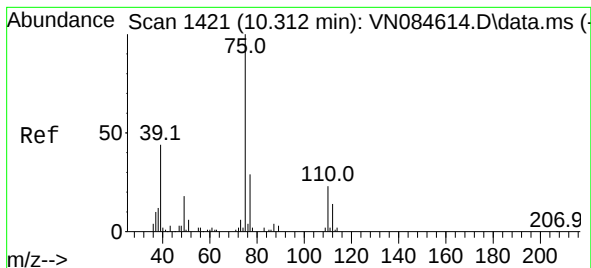
Tgt Ion: 75 Resp: 332996

Ion Ratio Lower Upper

75 100

77 31.9 24.4 36.6

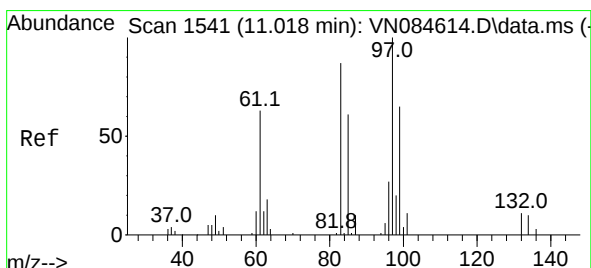
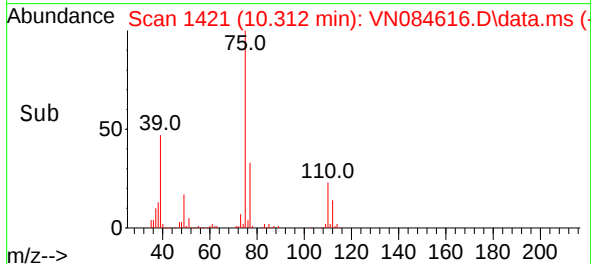
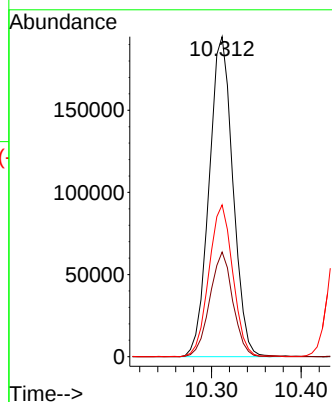
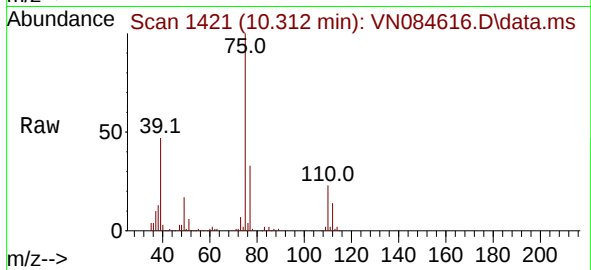




#49
 cis-1,3-Dichloropropene
 Concen: 101.702 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

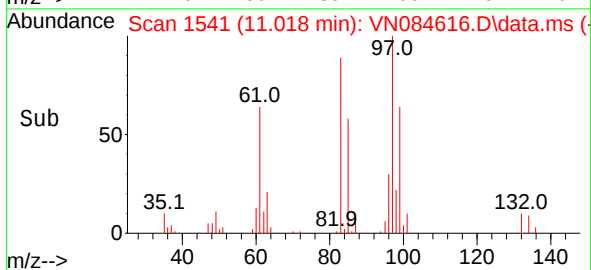
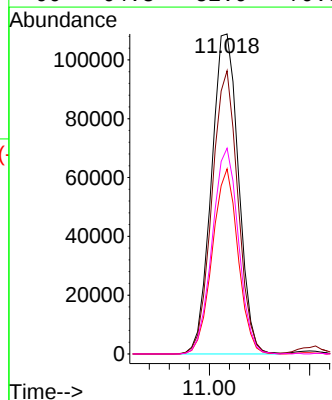
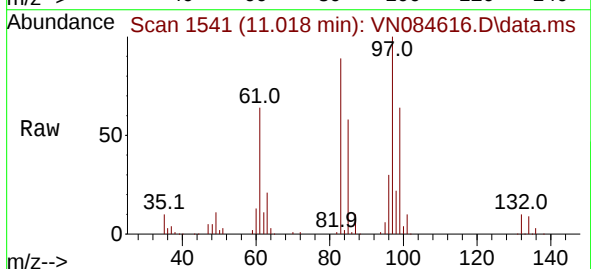
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

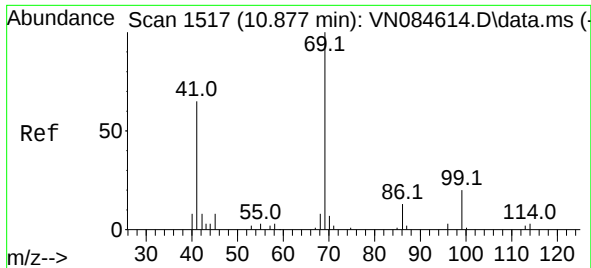
Tgt Ion: 75 Resp: 358906
 Ion Ratio Lower Upper
 75 100
 77 32.7 23.4 35.2
 39 47.4 35.4 53.2



#50
 1,1,2-Trichloroethane
 Concen: 97.894 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

Tgt Ion: 97 Resp: 204253
 Ion Ratio Lower Upper
 97 100
 83 88.3 69.8 104.8
 85 57.8 48.6 73.0
 99 64.3 52.9 79.3

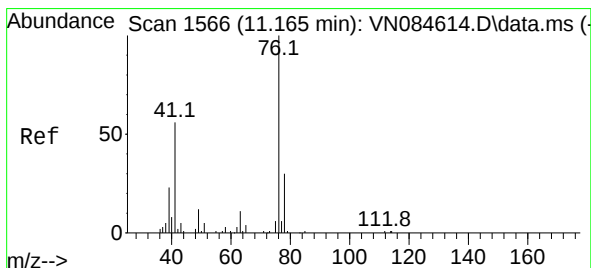
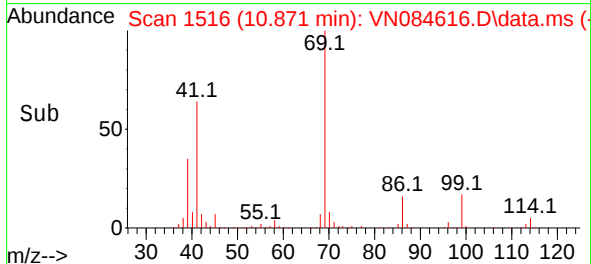
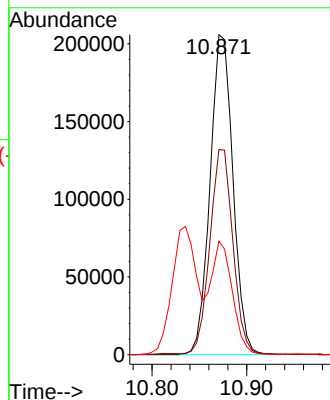
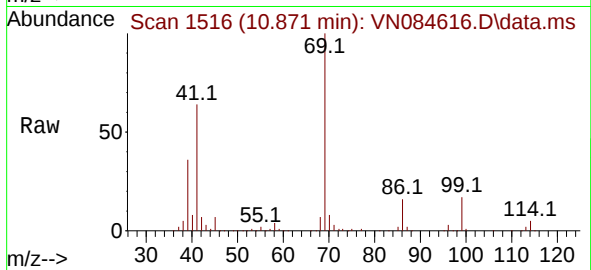




#51
Ethyl methacrylate
Concen: 107.698 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

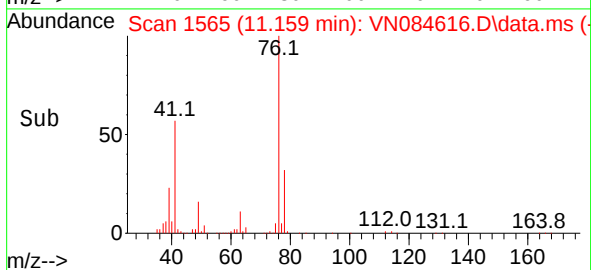
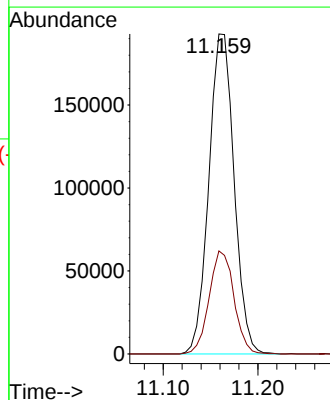
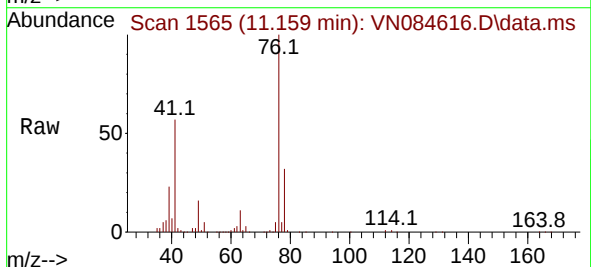
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

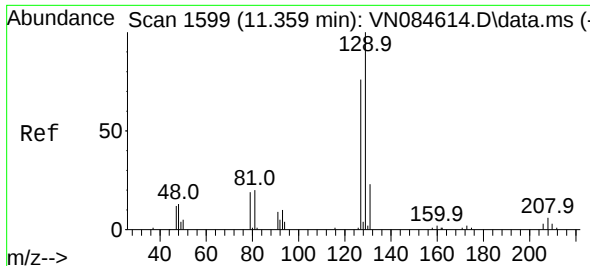
Tgt Ion: 69 Resp: 346376
Ion Ratio Lower Upper
69 100
41 64.0 32.8 98.3
39 35.3 15.4 46.1



#52
1,3-Dichloropropane
Concen: 98.605 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 76 Resp: 357116
Ion Ratio Lower Upper
76 100
78 31.6 0.0 64.0





#53

Dibromochloromethane

Concen: 100.636 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

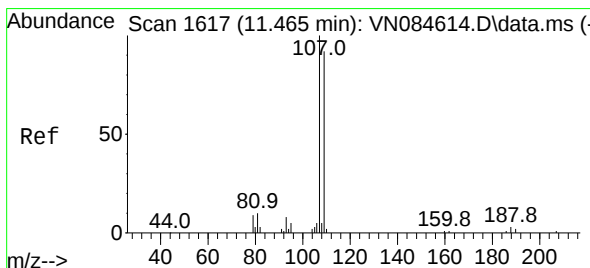
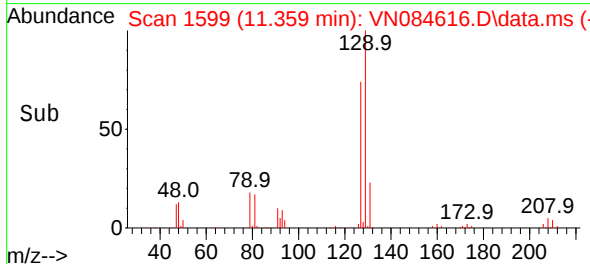
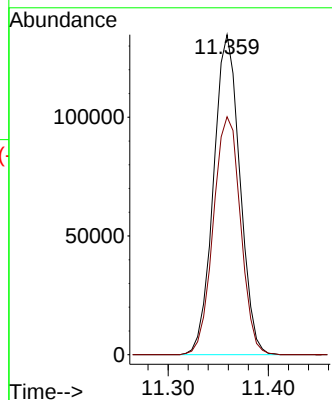
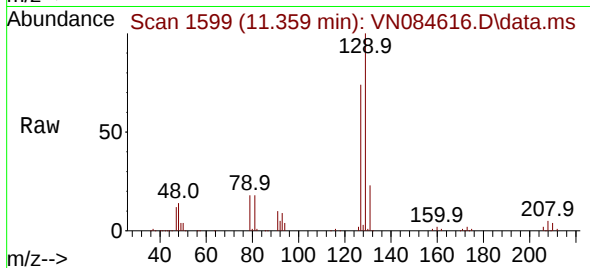
VSTDIC100

Tgt Ion:129 Resp: 245721

Ion Ratio Lower Upper

129 100

127 76.8 39.6 119.0



#54

1,2-Dibromoethane

Concen: 99.338 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN084616.D

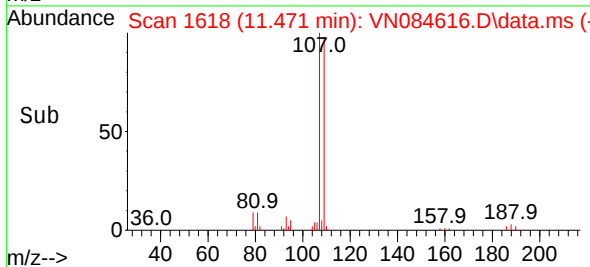
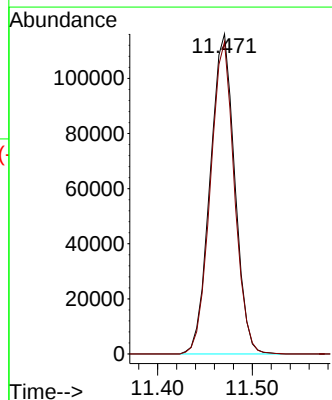
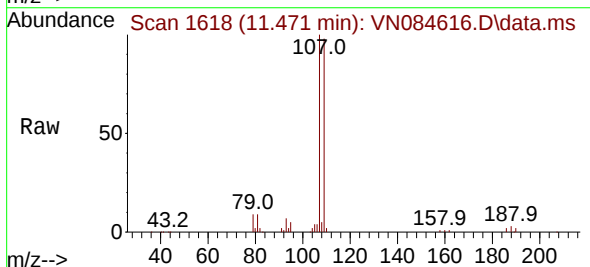
Acq: 31 Oct 2024 13:20

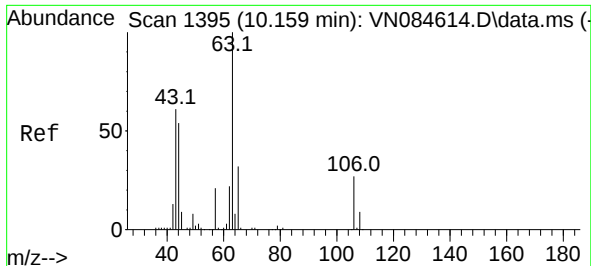
Tgt Ion:107 Resp: 209631

Ion Ratio Lower Upper

107 100

109 95.1 73.4 110.0

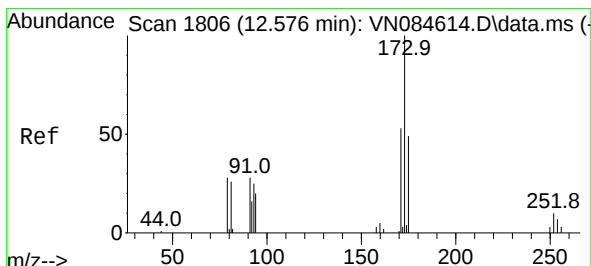
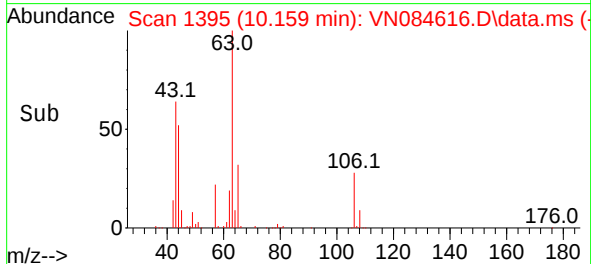
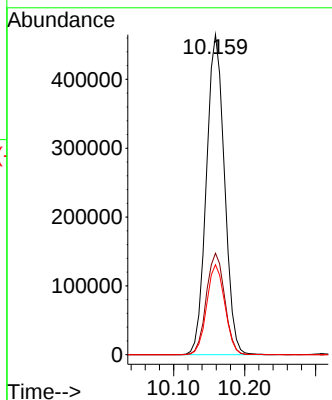
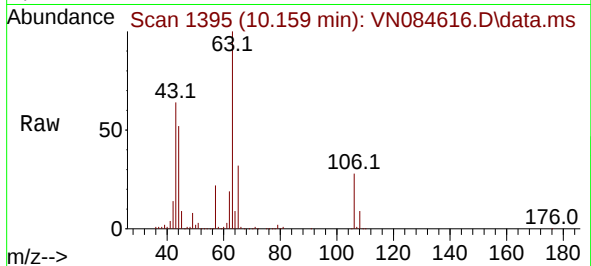




#55
2-Chloroethyl vinyl ether
Concen: 521.622 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

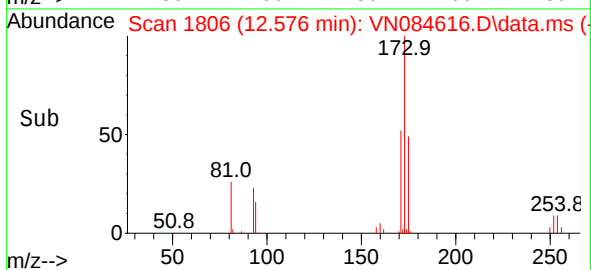
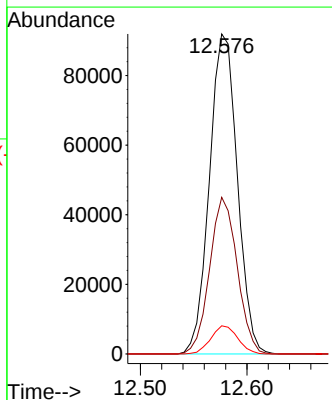
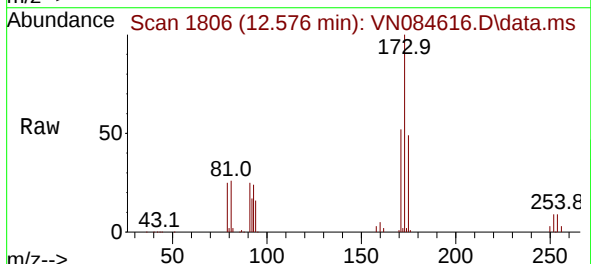
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

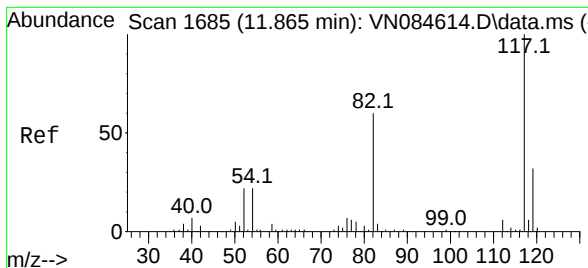
Tgt Ion: 63 Resp: 822490
Ion Ratio Lower Upper
63 100
65 32.3 25.5 38.3
106 28.2 22.3 33.5



#56
Bromoform
Concen: 102.184 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion:173 Resp: 167239
Ion Ratio Lower Upper
173 100
175 48.3 39.4 59.2
254 8.5 6.4 9.6

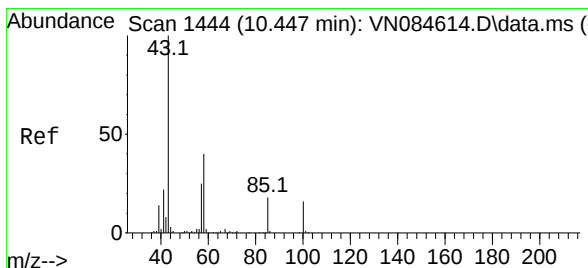
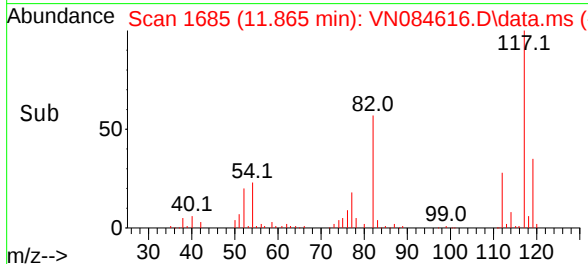
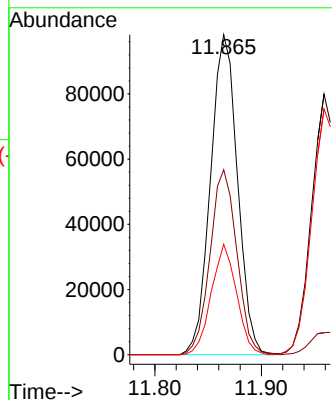
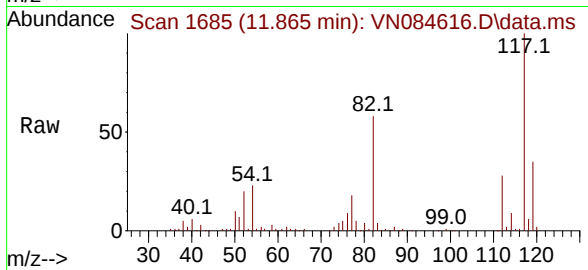




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

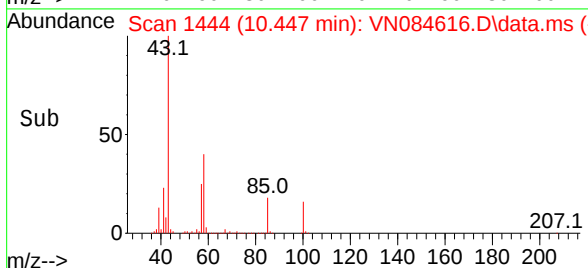
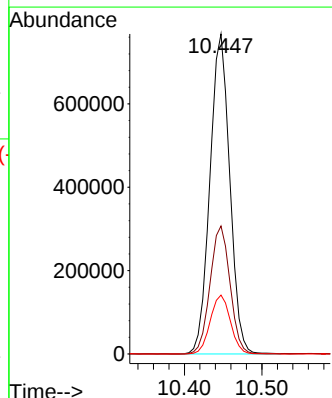
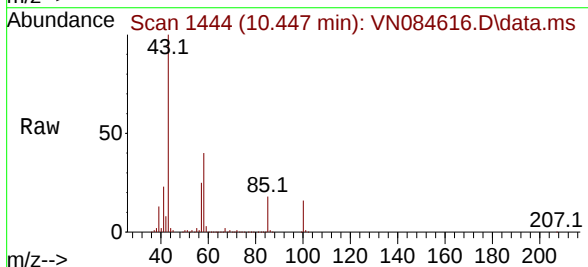
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

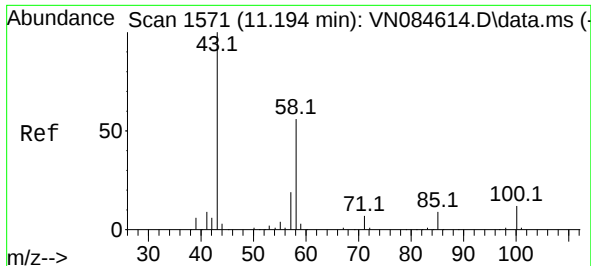
Tgt Ion:117 Resp: 172801
Ion Ratio Lower Upper
117 100
82 57.4 45.5 68.3
119 32.4 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 501.494 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 43 Resp: 1367142
Ion Ratio Lower Upper
43 100
58 40.2 31.2 46.8
85 18.6 14.9 22.3





#59

2-Hexanone

Concen: 510.417 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

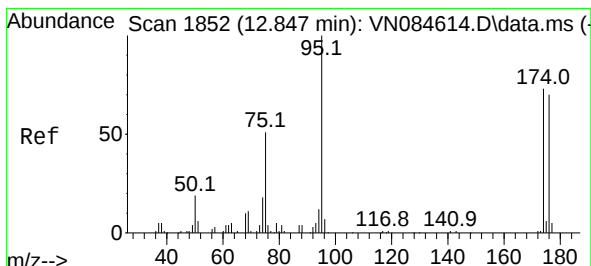
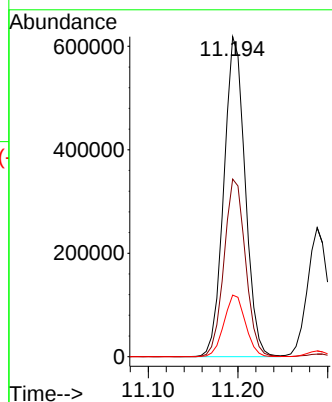
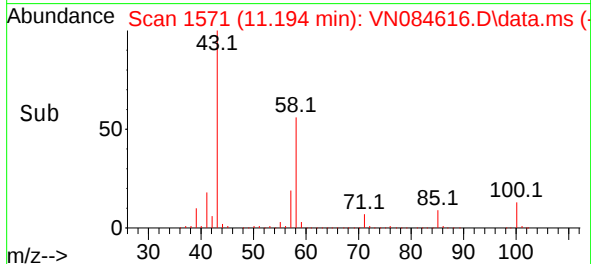
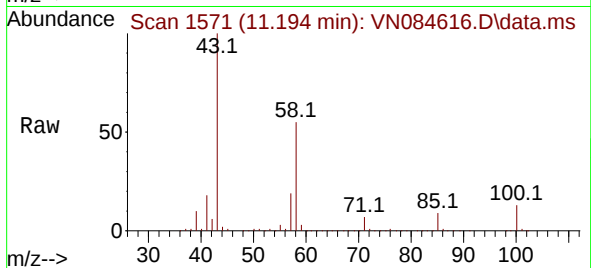
Tgt Ion: 43 Resp: 1018919

Ion Ratio Lower Upper

43 100

58 56.1 43.8 65.6

57 19.4 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 31.247 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

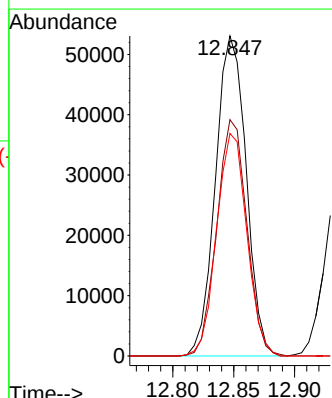
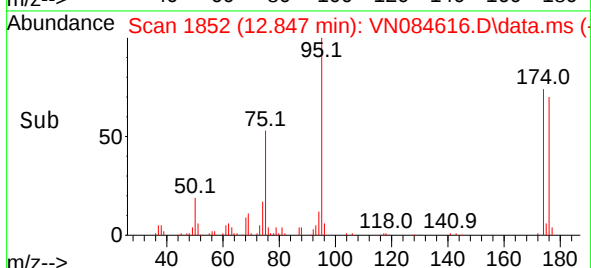
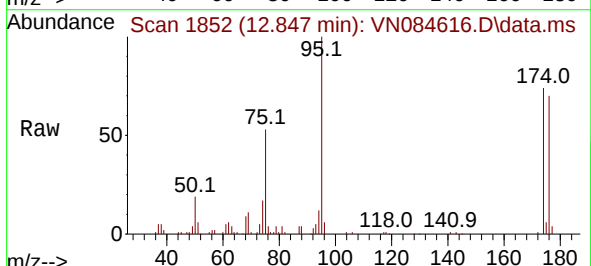
Tgt Ion: 95 Resp: 92972

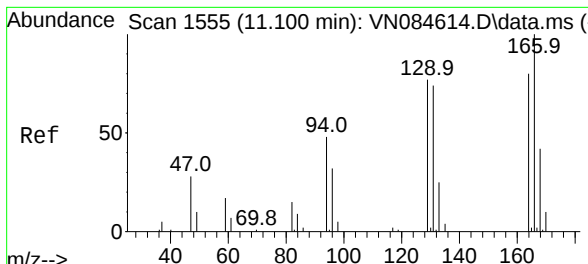
Ion Ratio Lower Upper

95 100

174 72.3 59.6 89.4

176 68.6 58.6 88.0

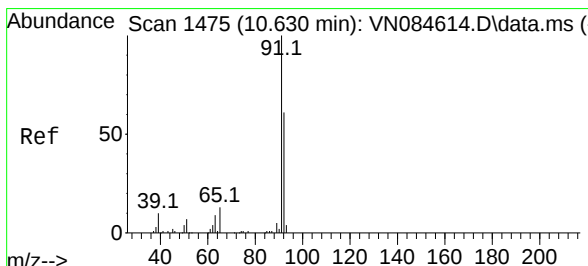
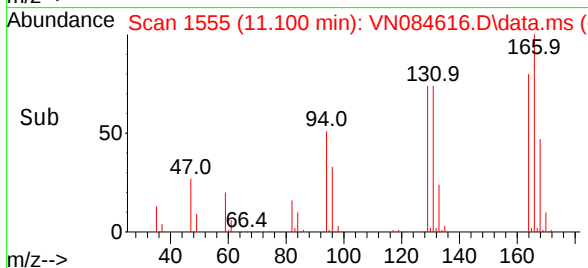
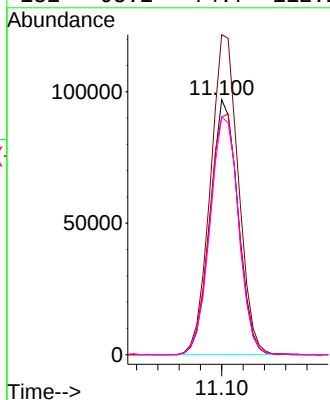
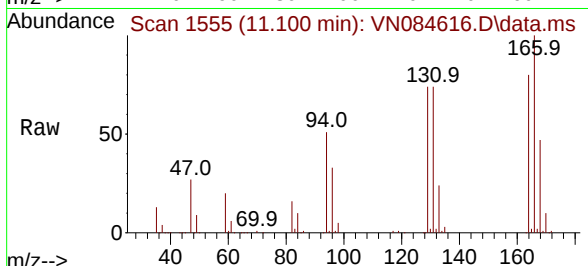




#61
Tetrachloroethene
Concen: 97.300 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

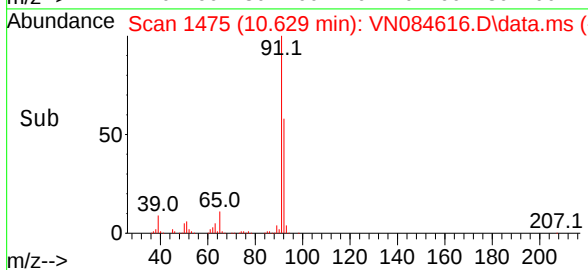
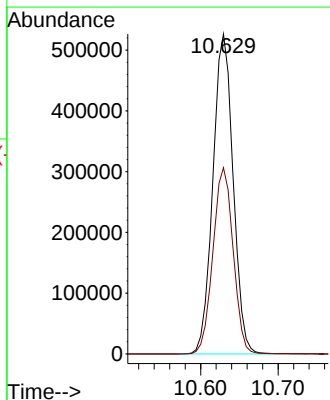
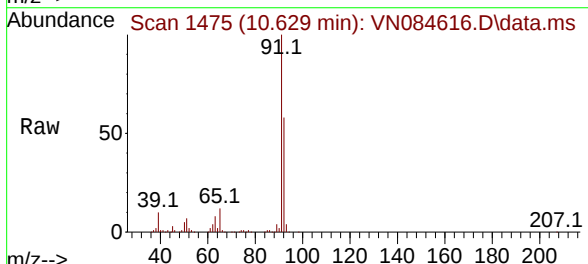
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

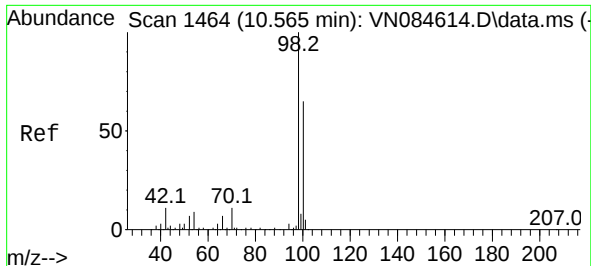
Tgt Ion:164 Resp: 175966
Ion Ratio Lower Upper
164 100
166 125.4 100.5 150.7
129 93.0 77.7 116.5
131 93.1 74.7 112.1



#62
Toluene
Concen: 97.017 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 91 Resp: 954854
Ion Ratio Lower Upper
91 100
92 58.1 47.5 71.3

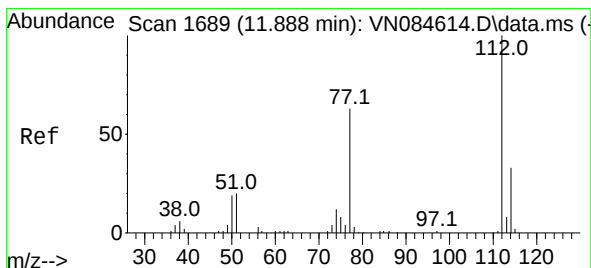
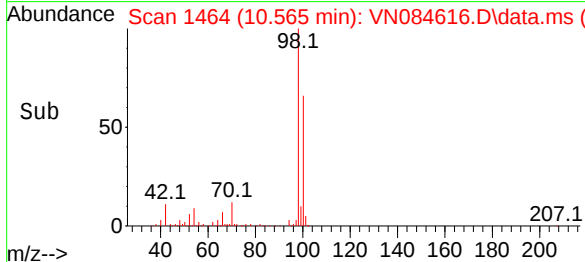
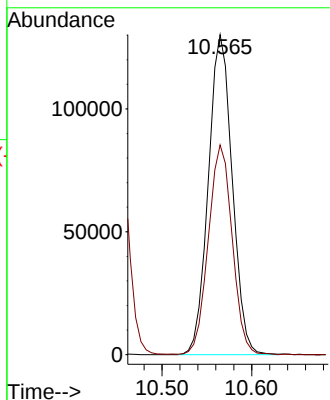
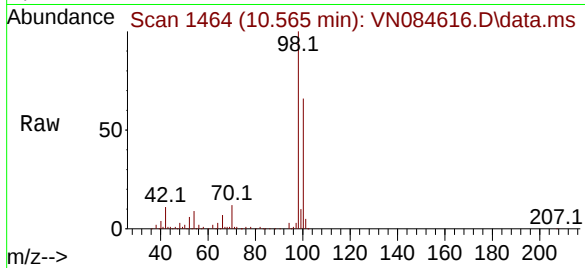




#63
Toluene-d8
Concen: 29.429 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

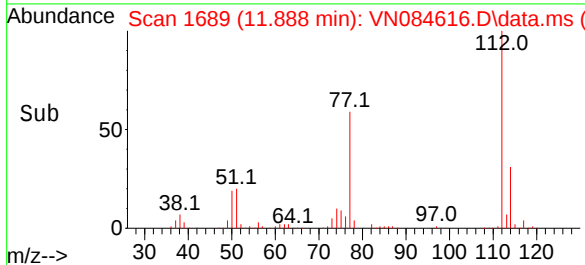
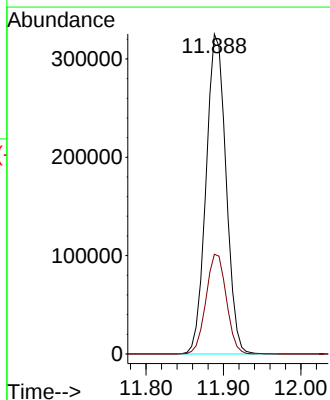
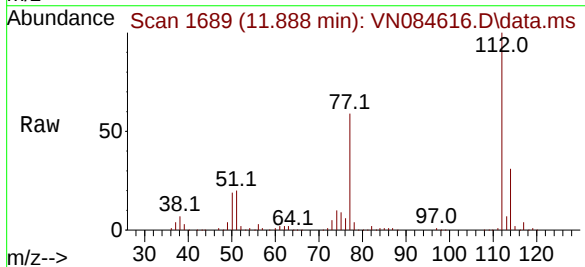
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

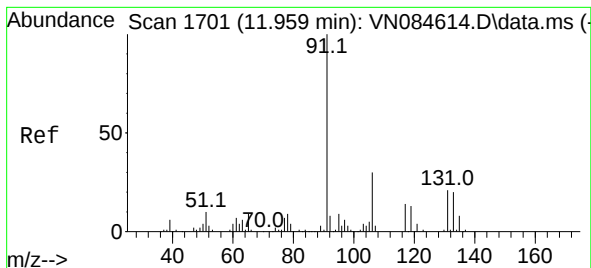
Tgt Ion: 98 Resp: 240739
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#64
Chlorobenzene
Concen: 98.008 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 112 Resp: 582322
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4





#65

1,1,1,2-Tetrachloroethane

Concen: 96.671 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

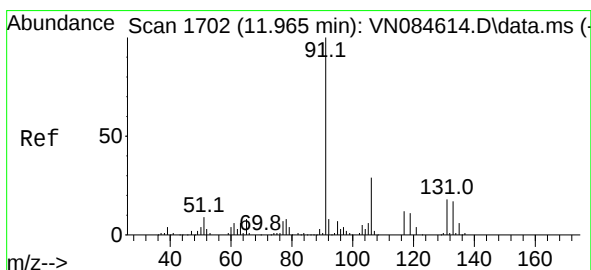
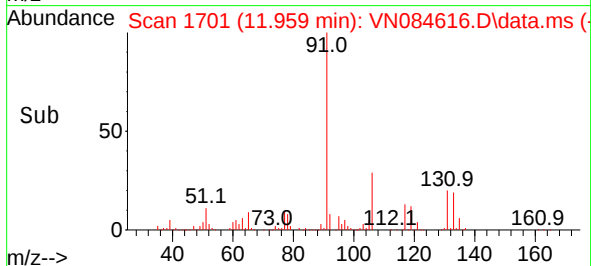
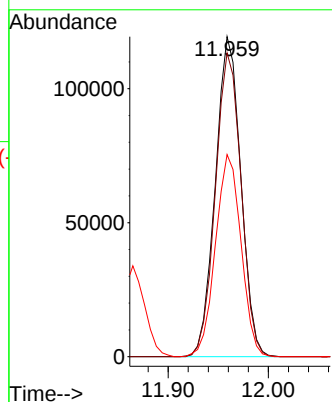
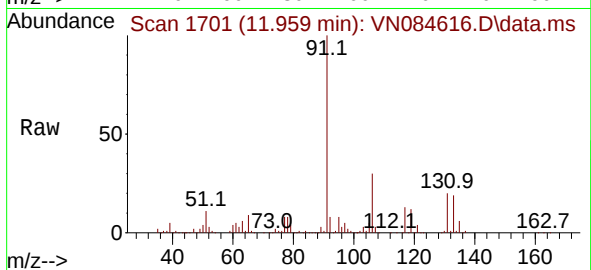
Tgt Ion:131 Resp: 211092

Ion Ratio Lower Upper

131 100

133 95.5 0.0 189.2

119 63.3 0.0 129.4



#66

Ethyl Benzene

Concen: 102.222 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN084616.D

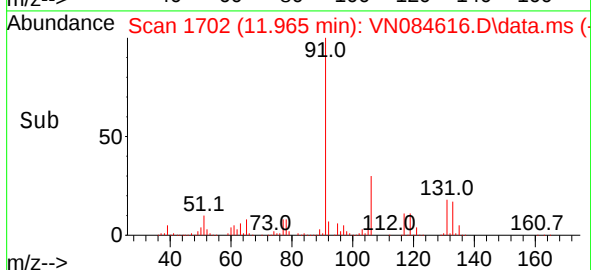
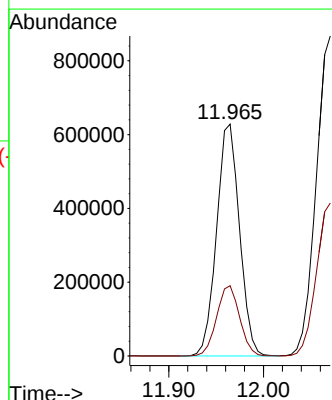
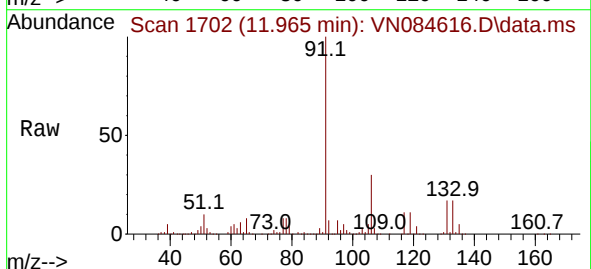
Acq: 31 Oct 2024 13:20

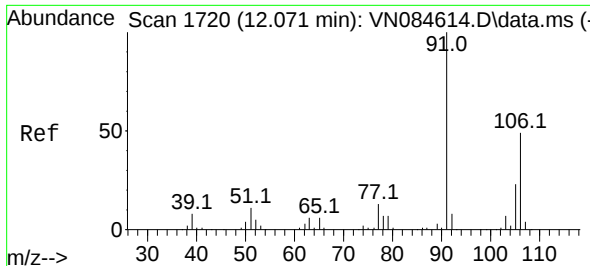
Tgt Ion: 91 Resp: 1057324

Ion Ratio Lower Upper

91 100

106 30.3 22.9 34.3





#67

m/p-Xylenes

Concen: 202.196 ug/l

RT: 12.071 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

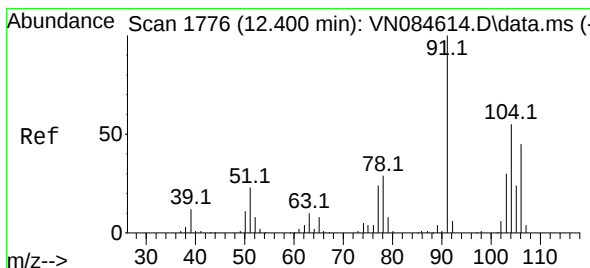
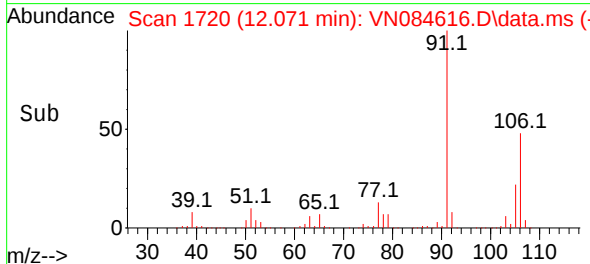
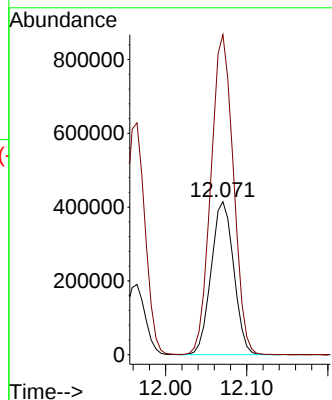
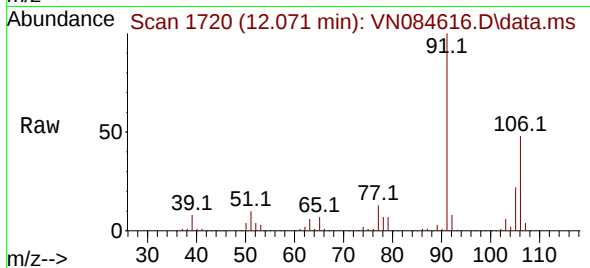
VSTDICC100

Tgt Ion:106 Resp: 800698

Ion Ratio Lower Upper

106 100

91 208.7 168.1 252.1



#68

o-Xylene

Concen: 103.001 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN084616.D

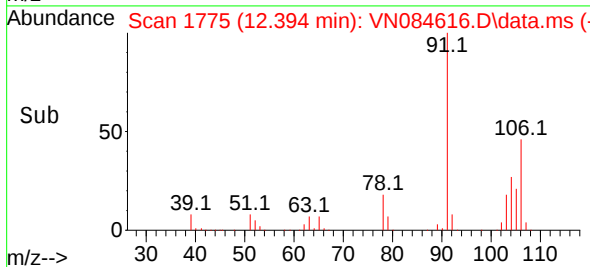
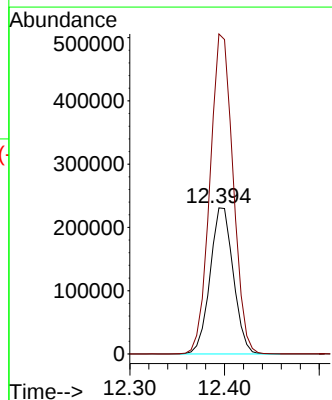
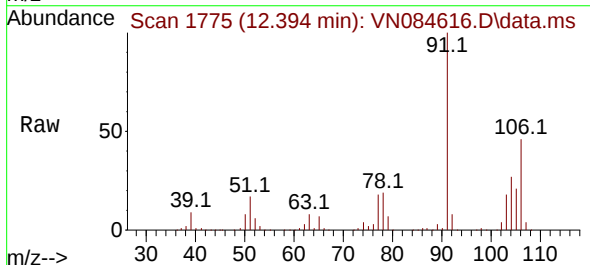
Acq: 31 Oct 2024 13:20

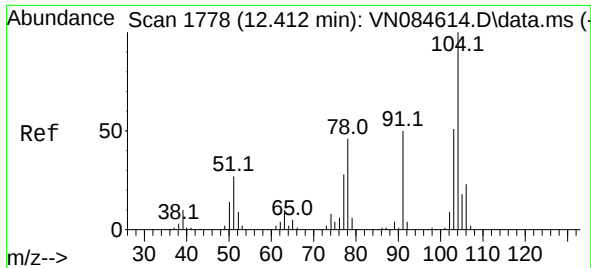
Tgt Ion:106 Resp: 393457

Ion Ratio Lower Upper

106 100

91 218.0 107.7 322.9





#69

Styrene

Concen: 103.773 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

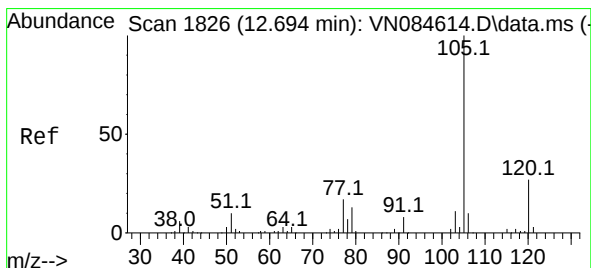
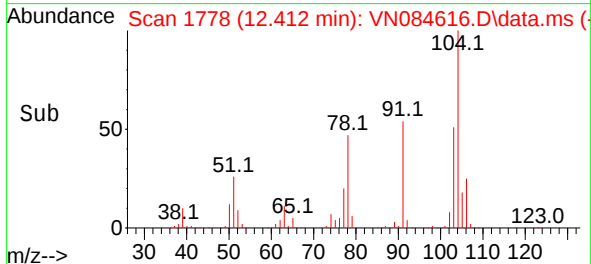
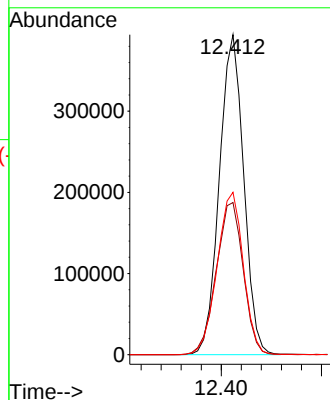
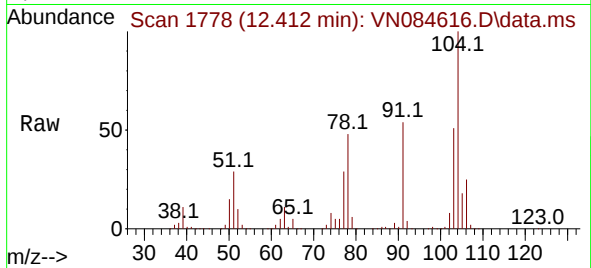
Tgt Ion:104 Resp: 664652

Ion Ratio Lower Upper

104 100

78 52.8 41.5 62.3

103 54.8 44.6 67.0



#70

Isopropylbenzene

Concen: 102.732 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084616.D

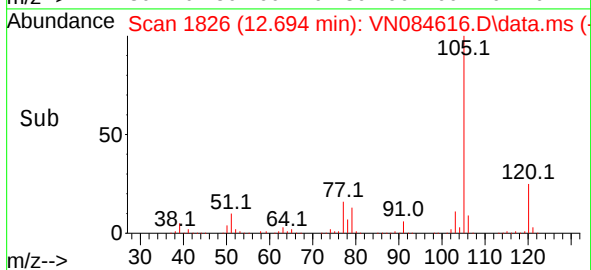
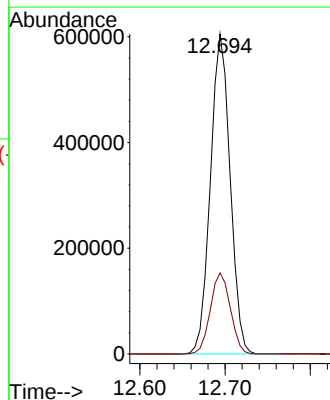
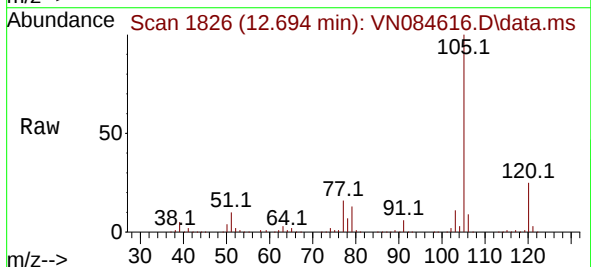
Acq: 31 Oct 2024 13:20

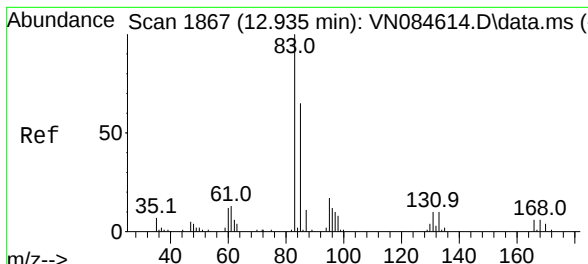
Tgt Ion:105 Resp: 974870

Ion Ratio Lower Upper

105 100

120 25.6 18.7 34.7

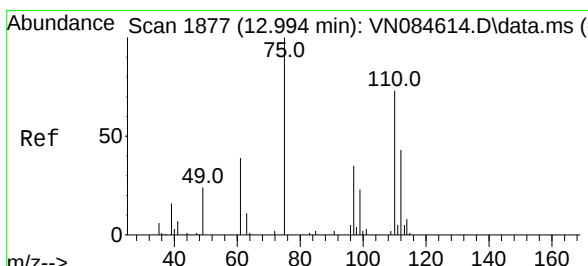
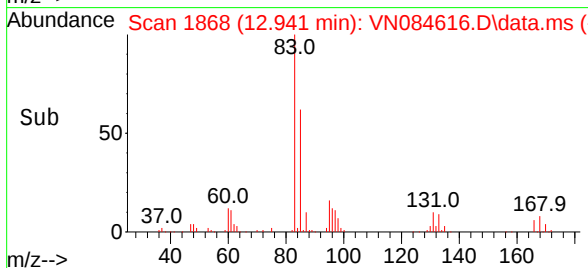
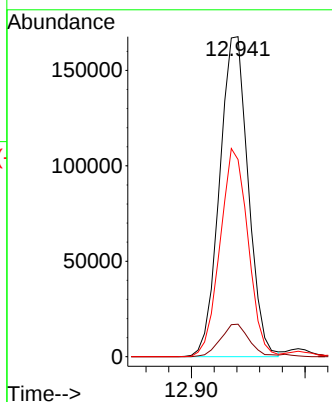
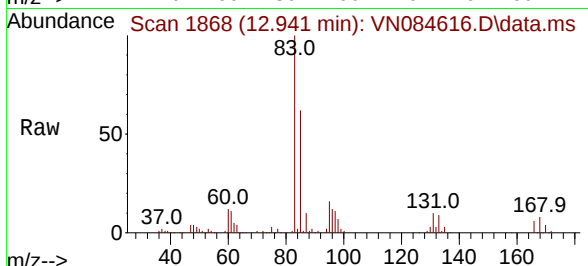




#71
 1,1,2,2-Tetrachloroethane
 Concen: 95.526 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

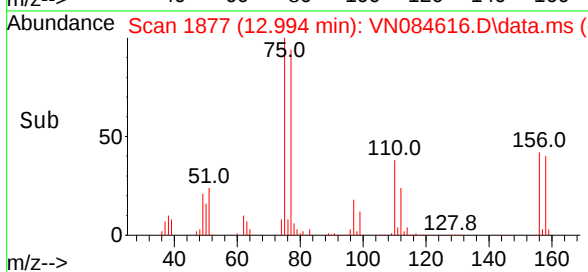
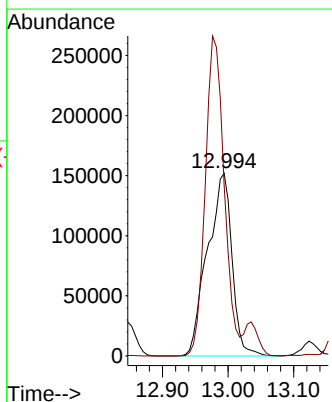
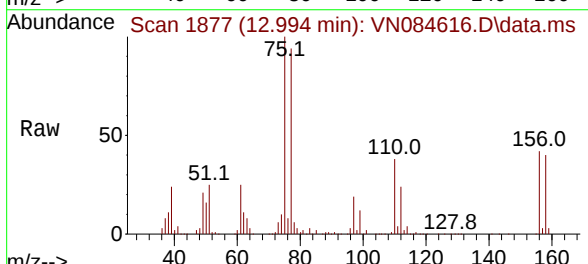
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

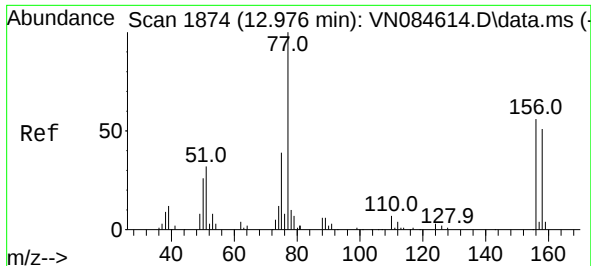
Tgt Ion: 83 Resp: 293813
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.3
 85 63.6 33.3 99.9



#72
 1,2,3-Trichloropropane
 Concen: 134.305 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

Tgt Ion: 75 Resp: 394083
 Ion Ratio Lower Upper
 75 100
 77 135.4 0.0 358.4

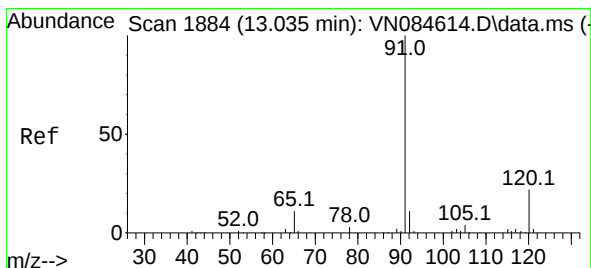
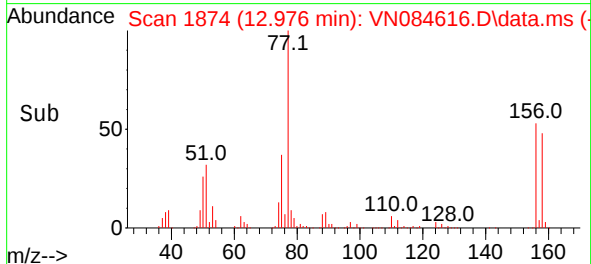
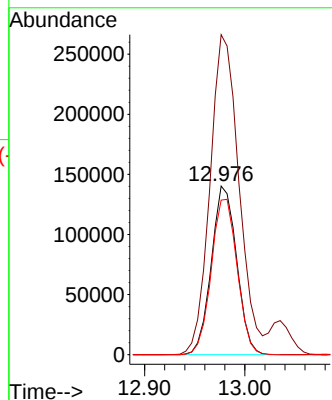
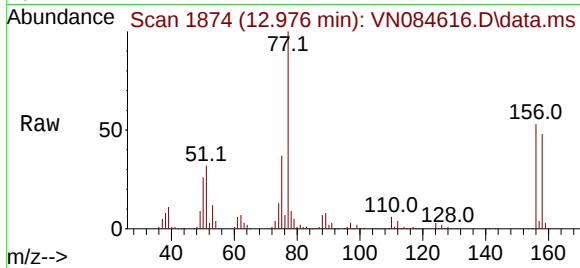




#73
Bromobenzene
Concen: 100.496 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

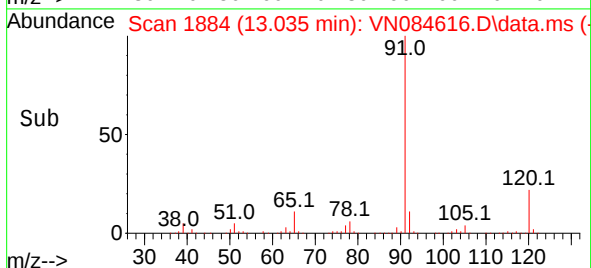
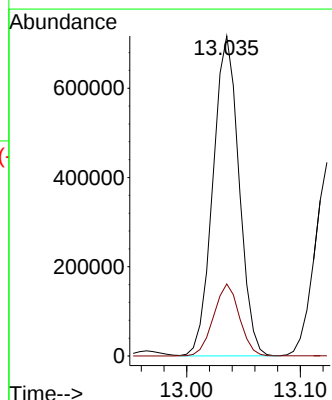
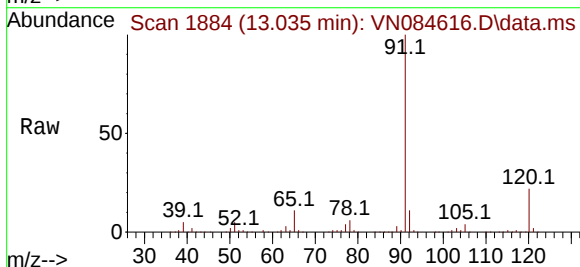
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

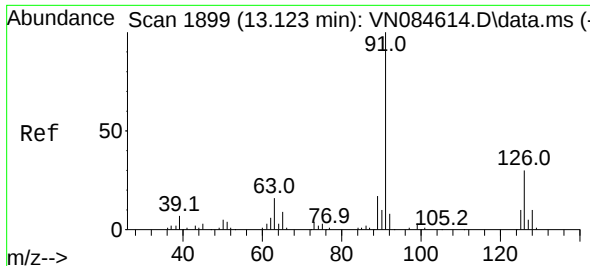
Tgt Ion:156 Resp: 245959
Ion Ratio Lower Upper
156 100
77 216.9 0.0 427.6
158 94.3 0.0 191.6



#74
n-propylbenzene
Concen: 103.052 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 91 Resp: 1143491
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.0

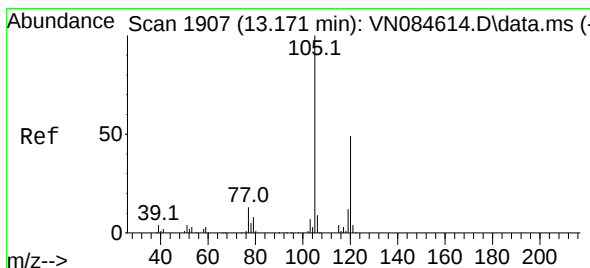
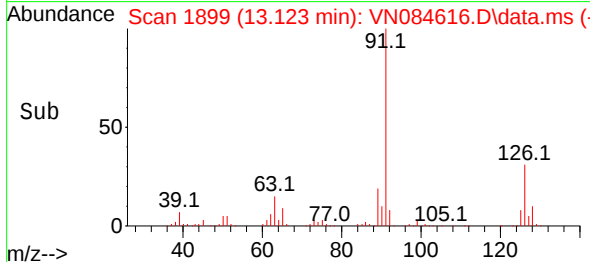
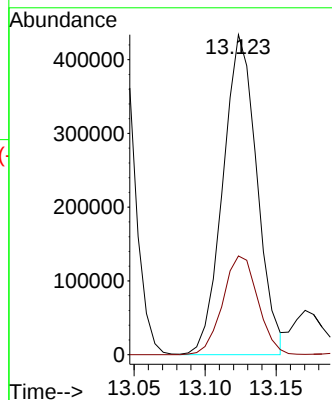
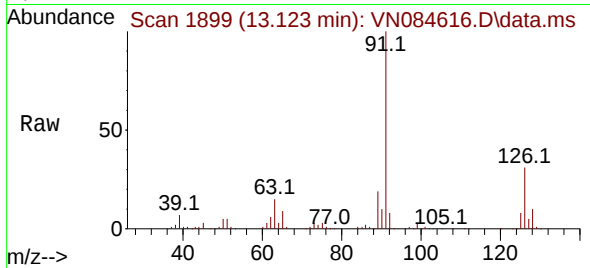




#75
2-Chlorotoluene
Concen: 100.052 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

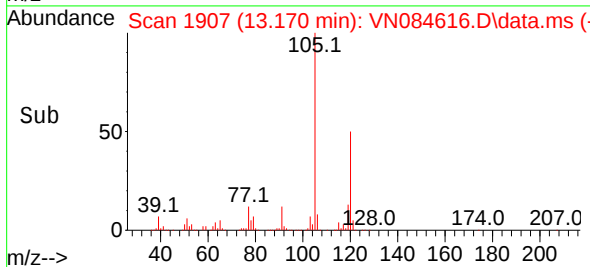
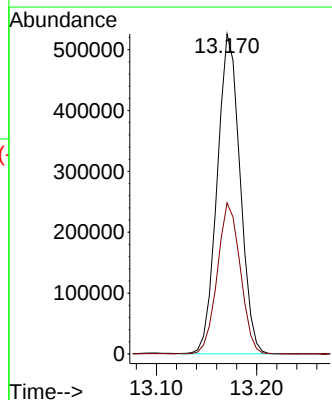
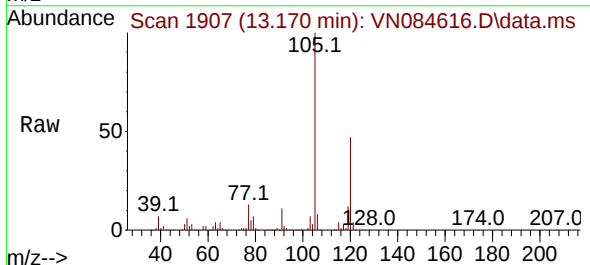
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

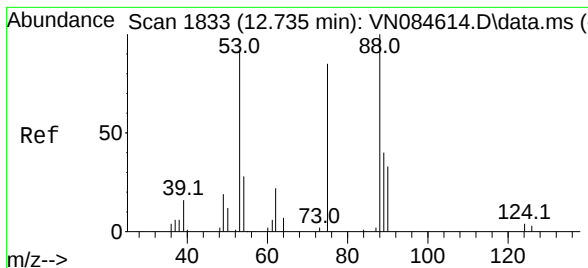
Tgt Ion: 91 Resp: 722984
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.8



#76
1,3,5-Trimethylbenzene
Concen: 102.432 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion:105 Resp: 830495
Ion Ratio Lower Upper
105 100
120 47.5 0.0 96.8

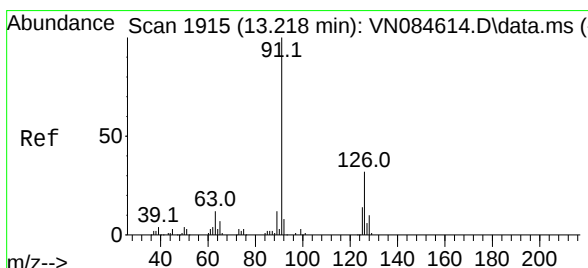
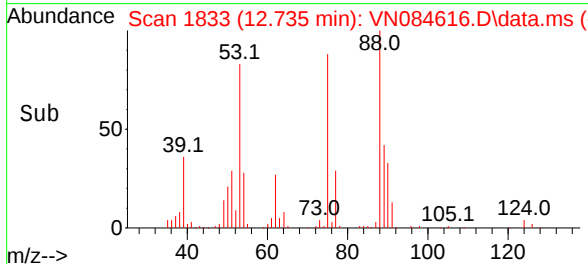
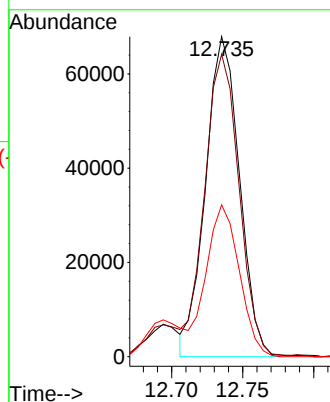
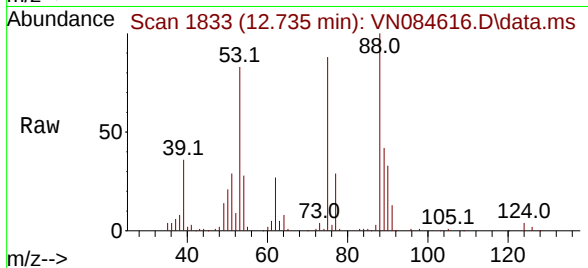




#77
t-1,4-Dichloro-2-butene
Concen: 104.723 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

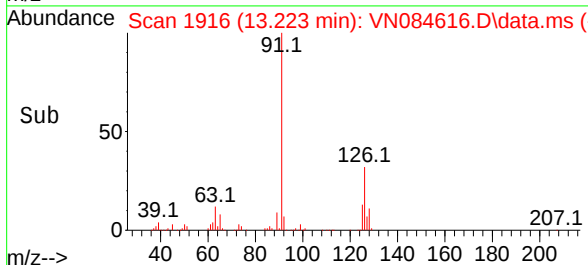
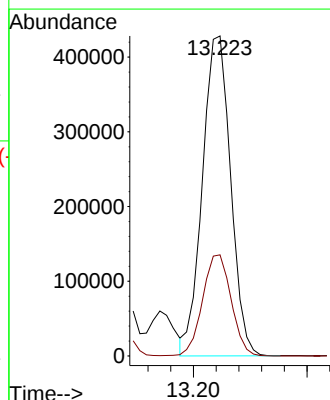
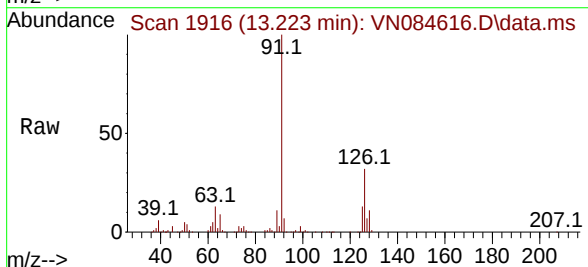
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

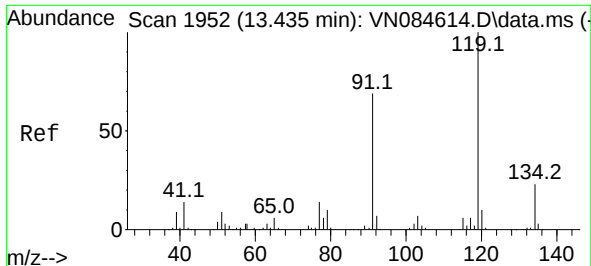
Tgt Ion: 75 Resp: 112802
Ion Ratio Lower Upper
75 100
53 94.4 52.4 157.2
89 47.7 26.0 78.0



#78
4-Chlorotoluene
Concen: 101.018 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084616.D
Acq: 31 Oct 2024 13:20

Tgt Ion: 91 Resp: 737525
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.4





#79

tert-butylbenzene

Concen: 106.804 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

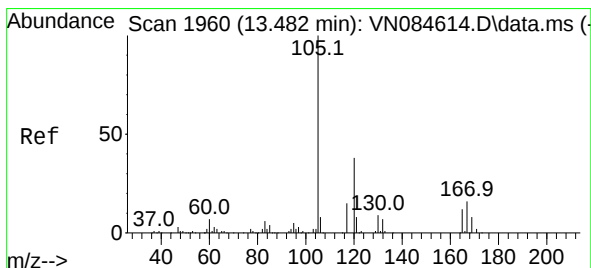
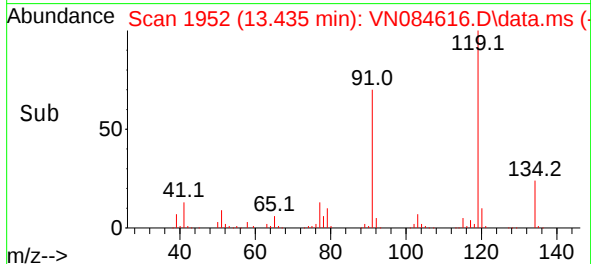
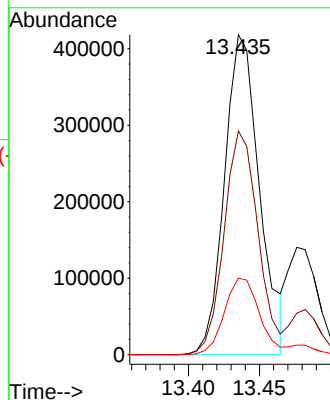
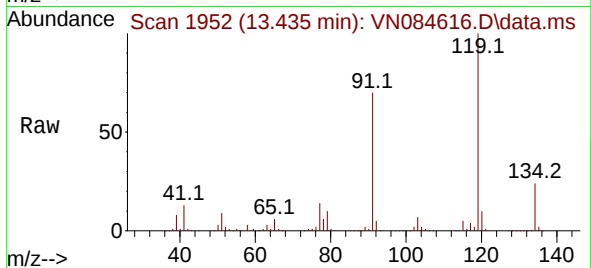
Tgt Ion:119 Resp: 716107

Ion Ratio Lower Upper

119 100

91 67.9 0.0 143.2

134 23.8 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 105.223 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084616.D

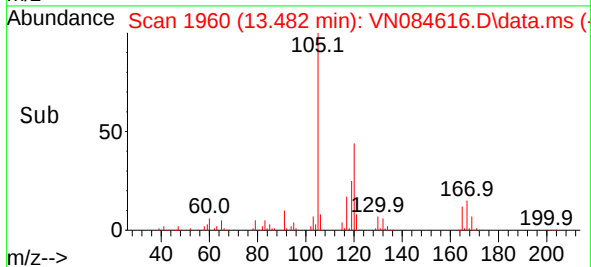
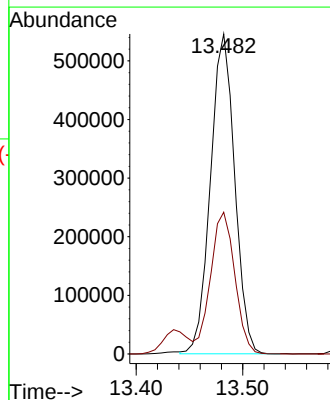
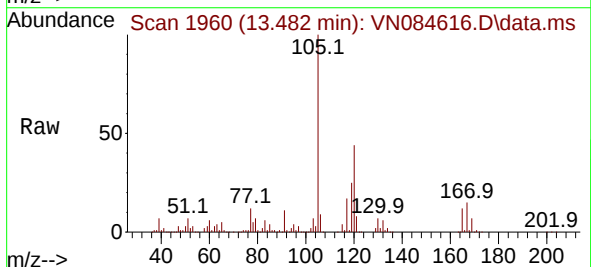
Acq: 31 Oct 2024 13:20

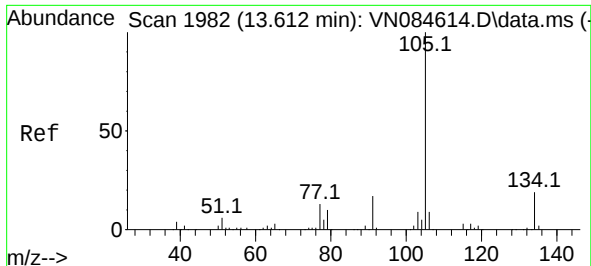
Tgt Ion:105 Resp: 860667

Ion Ratio Lower Upper

105 100

120 44.5 0.0 90.4

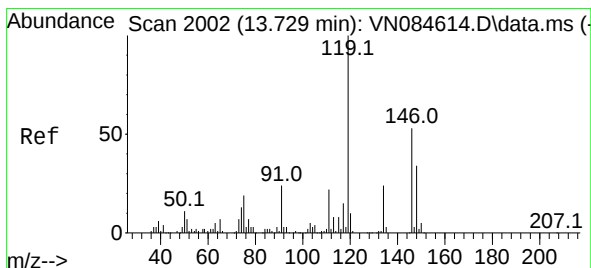
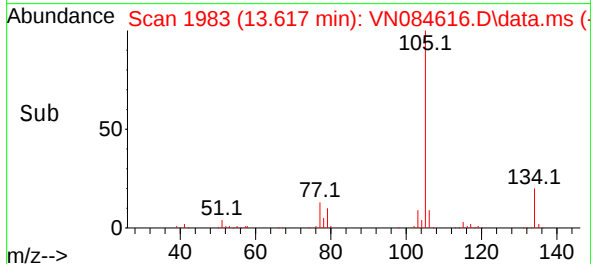
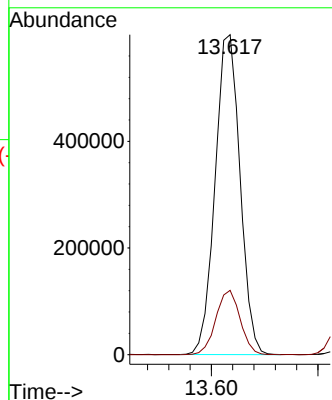
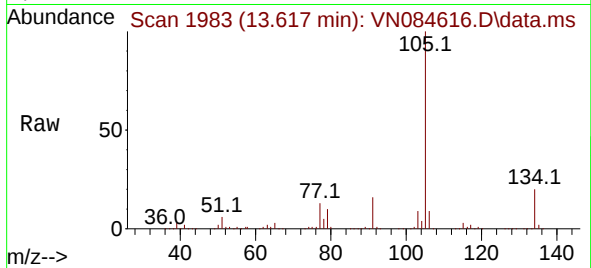




#81
 sec-Butylbenzene
 Concen: 105.317 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

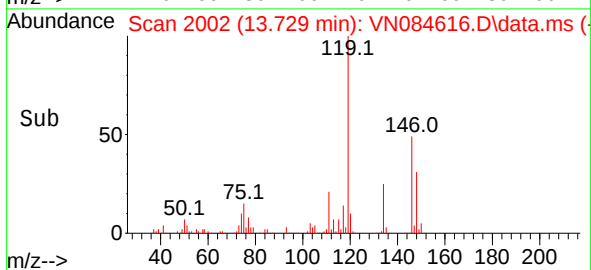
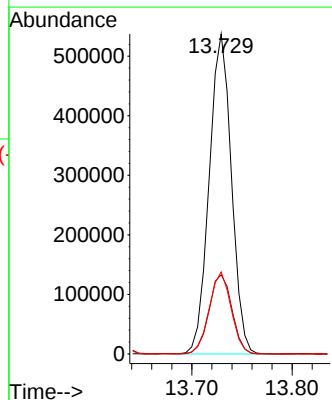
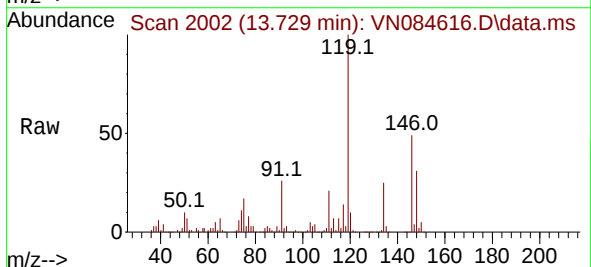
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

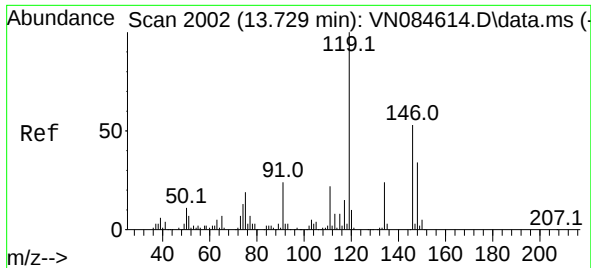
Tgt Ion:105 Resp: 973025
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 106.655 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084616.D
 Acq: 31 Oct 2024 13:20

Tgt Ion:119 Resp: 827966
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.4
 91 25.2 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 100.115 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

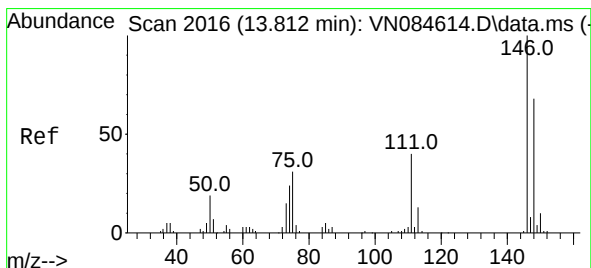
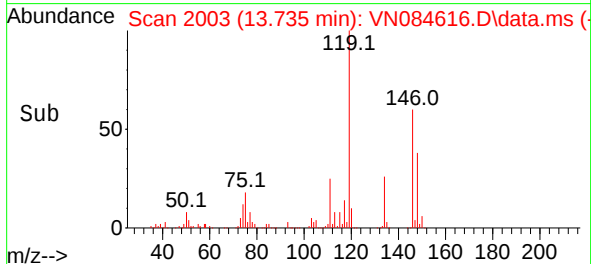
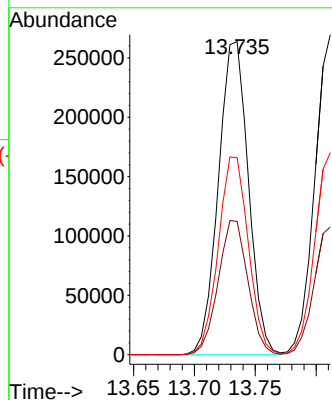
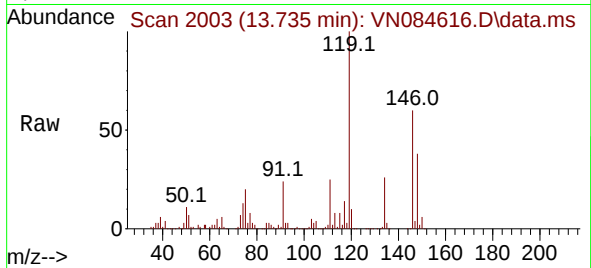
Tgt Ion:146 Resp: 453157

Ion Ratio Lower Upper

146 100

111 42.3 21.0 63.0

148 63.3 31.3 93.8



#84

1,4-Dichlorobenzene

Concen: 100.351 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

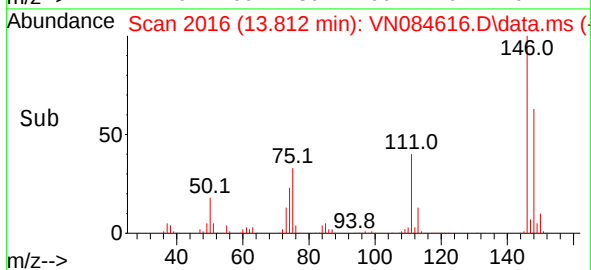
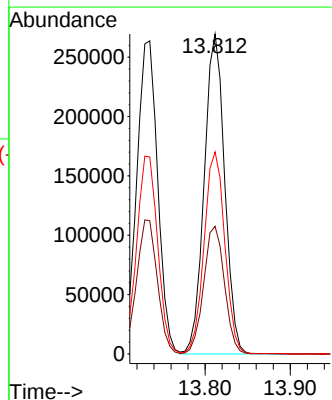
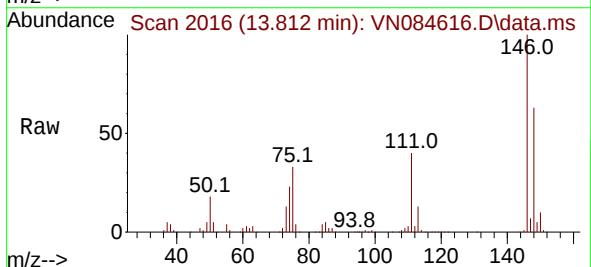
Tgt Ion:146 Resp: 448828

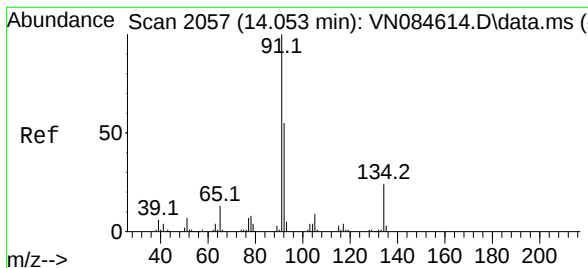
Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

148 64.0 32.6 98.0





#85

n-Butylbenzene

Concen: 109.276 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

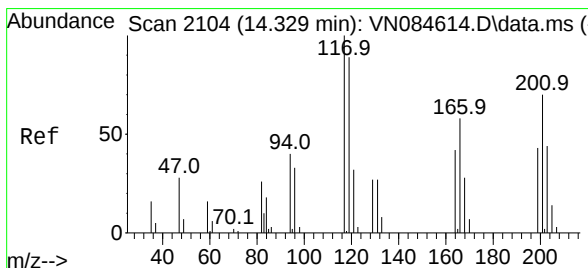
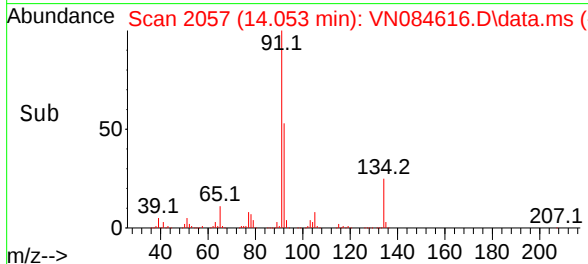
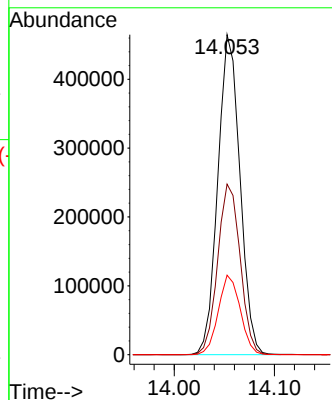
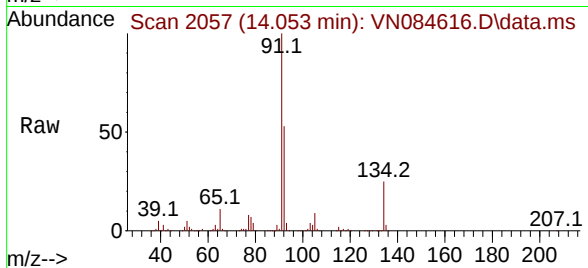
Tgt Ion: 91 Resp: 712477

Ion Ratio Lower Upper

91 100

92 54.2 0.0 106.2

134 24.6 0.0 48.2



#86

Hexachloroethane

Concen: 96.241 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN084616.D

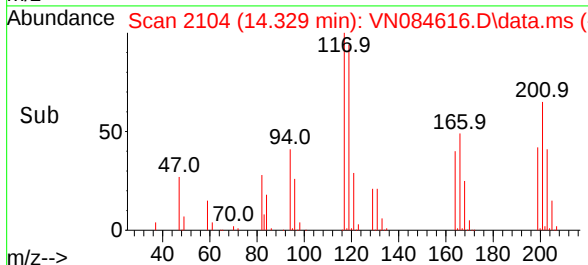
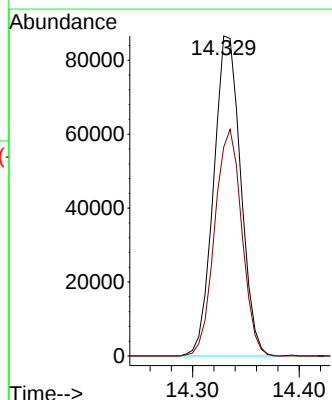
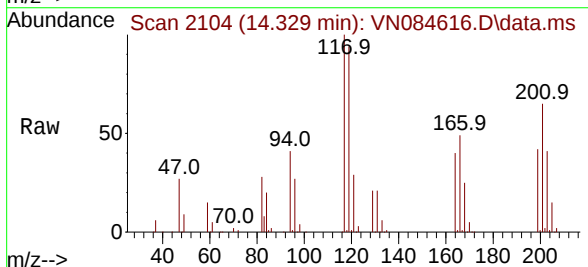
Acq: 31 Oct 2024 13:20

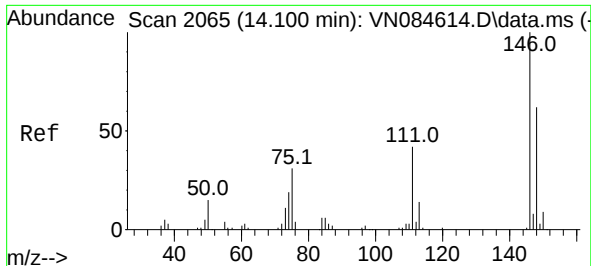
Tgt Ion: 117 Resp: 152797

Ion Ratio Lower Upper

117 100

201 70.9 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 98.208 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

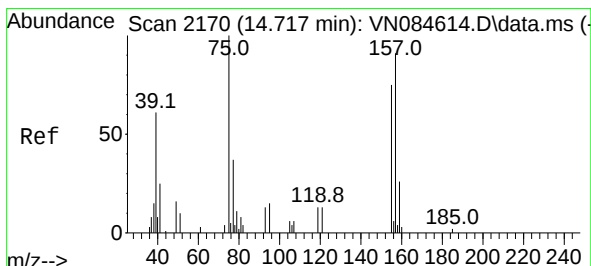
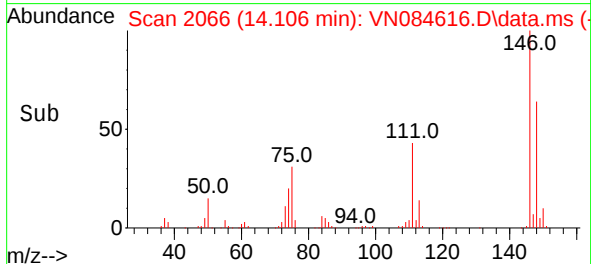
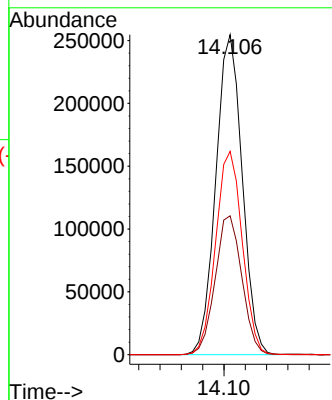
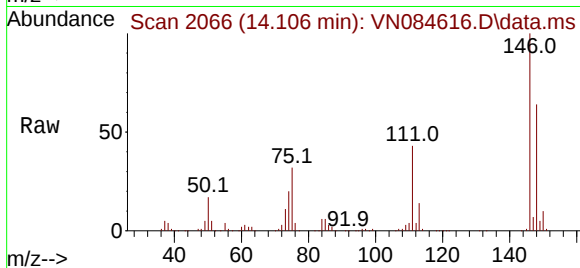
Tgt Ion:146 Resp: 438040

Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.0

148 64.0 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 95.009 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

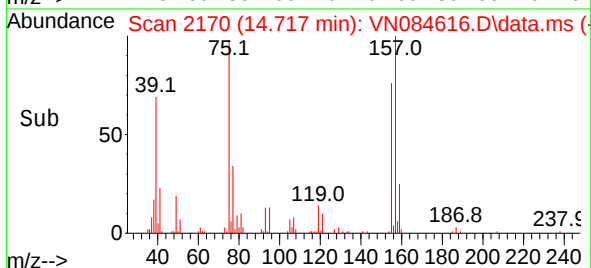
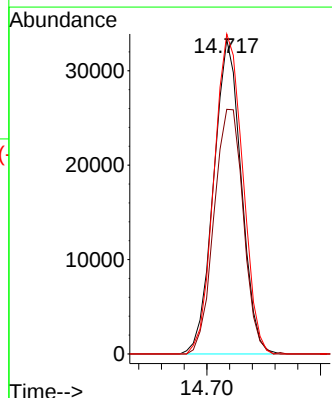
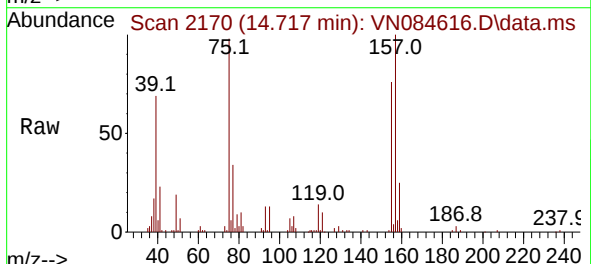
Tgt Ion: 75 Resp: 56385

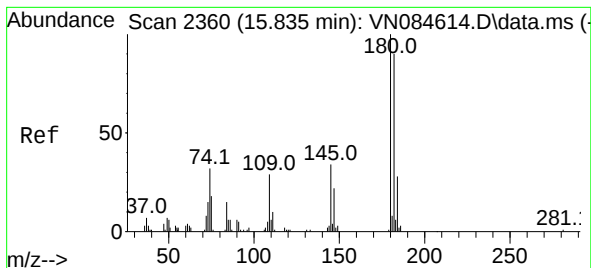
Ion Ratio Lower Upper

75 100

155 82.4 61.8 92.6

157 105.2 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 103.306 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

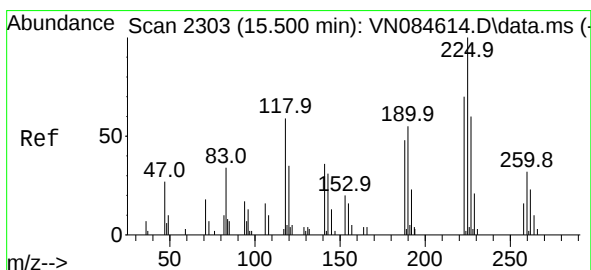
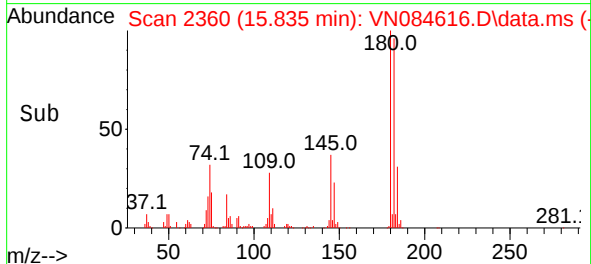
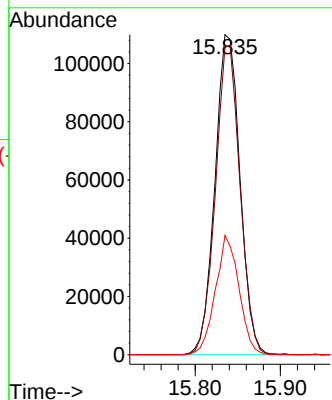
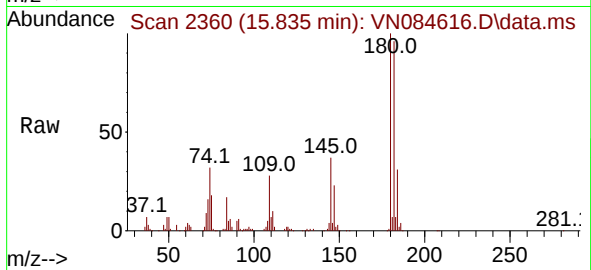
Tgt Ion:180 Resp: 224355

Ion Ratio Lower Upper

180 100

182 95.0 73.0 109.6

145 35.0 26.5 39.7



#90

Hexachlorobutadiene

Concen: 95.741 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

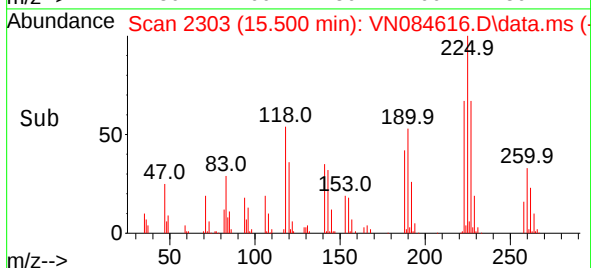
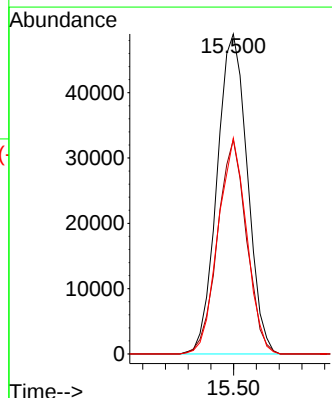
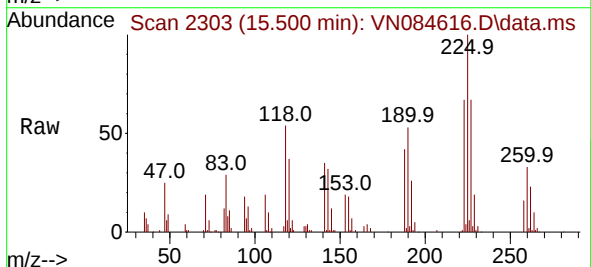
Tgt Ion:225 Resp: 90825

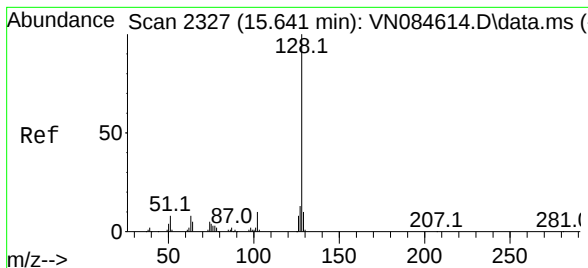
Ion Ratio Lower Upper

225 100

223 64.2 0.0 138.8

227 63.8 0.0 123.2





#91

Naphthalene

Concen: 111.109 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

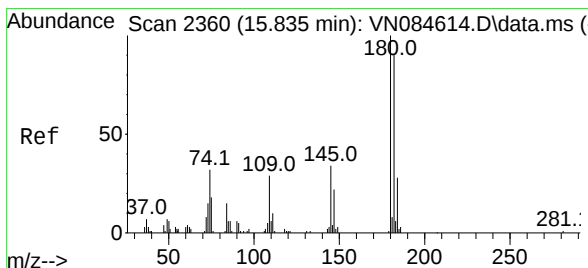
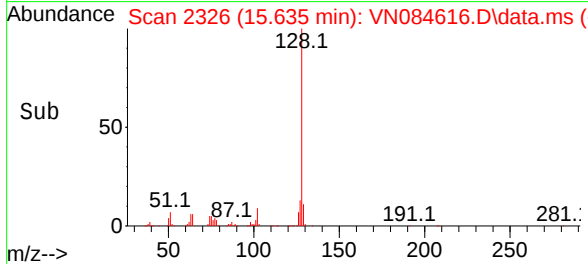
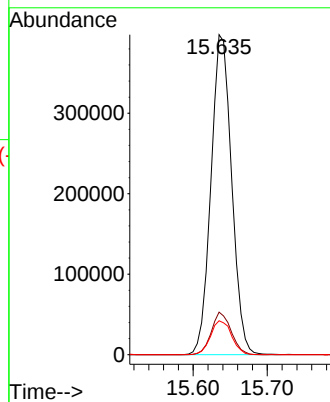
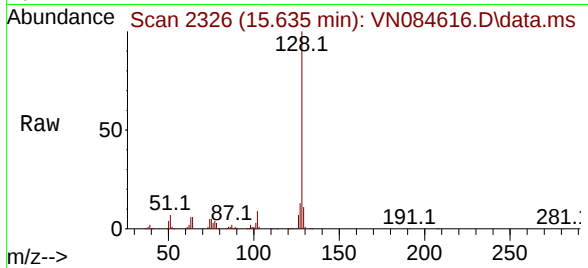
Tgt Ion:128 Resp: 770611

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 103.306 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084616.D

Acq: 31 Oct 2024 13:20

Tgt Ion:180 Resp: 224355

Ion Ratio Lower Upper

180 100

182 95.0 0.0 182.6

145 35.0 0.0 66.2

