

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084867.D
 Acq On : 15 Nov 2024 13:49
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Nov 15 22:22:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29205	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	143711	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	129619	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	70731	30.125	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.433%	
60) 4-Bromofluorobenzene	12.847	95	67980	30.459	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.533%	
63) Toluene-d8	10.565	98	186361	30.371	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.233%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	30924	18.205	ug/l	97
3) Chloromethane	2.359	50	40318	19.714	ug/l	95
4) Vinyl Chloride	2.512	62	39327	20.709	ug/l	96
5) Bromomethane	2.901	94	21252	22.048	ug/l	96
6) Chloroethane	3.071	64	25906	20.777	ug/l	93
7) Trichlorofluoromethane	3.459	101	58770	19.056	ug/l	96
8) Diethyl Ether	3.953	74	19904	18.093	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	30359	17.418	ug/l	95
10) 1,1-Dichloroethene	4.324	96	29493	17.328	ug/l	95
11) Methyl Iodide	4.577	142	45562	19.477	ug/l	86
12) Methyl Acetate	5.018	43	43060	16.231	ug/l	98
13) Acrolein	4.171	56	32698	99.945	ug/l	97
14) Acrylonitrile	5.718	53	81966	94.441	ug/l	99
15) Acetone	4.424	58	21488	96.356	ug/l	92
16) Carbon Disulfide	4.695	76	83450	16.663	ug/l #	94
17) Allyl chloride	5.012	41	44622	15.386	ug/l	99
18) Methylene Chloride	5.265	84	37063	18.583	ug/l	92
19) trans-1,2-Dichloroethene	5.783	96	31190	17.483	ug/l	95
20) Diisopropyl ether	6.665	45	105073	18.098	ug/l	94
21) 1,1-Dichloroethane	6.559	63	63631	18.225	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	37746	17.722	ug/l	97
23) tert-Butyl Alcohol	5.536	59	16743	55.258	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	103968	18.889	ug/l	99
25) Chloroform	7.965	83	66394	18.560	ug/l	97
26) Cyclohexane	8.253	56	41700	15.636	ug/l #	96
29) 1,1-Dichloropropene	8.365	75	38880	17.962	ug/l	97
30) 2-Butanone	7.483	43	105293	105.453	ug/l	97
31) 2,2-Dichloropropane	7.489	77	51247	19.395	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	57719	19.627	ug/l	99
33) Carbon Tetrachloride	8.359	117	49987	19.920	ug/l	96
34) Benzene	8.600	78	139735	19.530	ug/l	99
35) Methacrylonitrile	7.777	41	23718	20.042	ug/l	95
36) 1,2-Dichloroethane	8.665	62	50527	21.236	ug/l	99
37) Trichloroethene	9.347	130	30042	18.613	ug/l	98
38) Methylcyclohexane	9.600	83	38328	16.448	ug/l	95
39) 1,2-Dichloropropane	9.618	63	34615	20.098	ug/l	95
40) Dibromomethane	9.706	93	25281	20.982	ug/l	96
41) Bromodichloromethane	9.888	83	51091	19.780	ug/l	100
42) Vinyl Acetate	6.600	43	353820	94.802	ug/l	98

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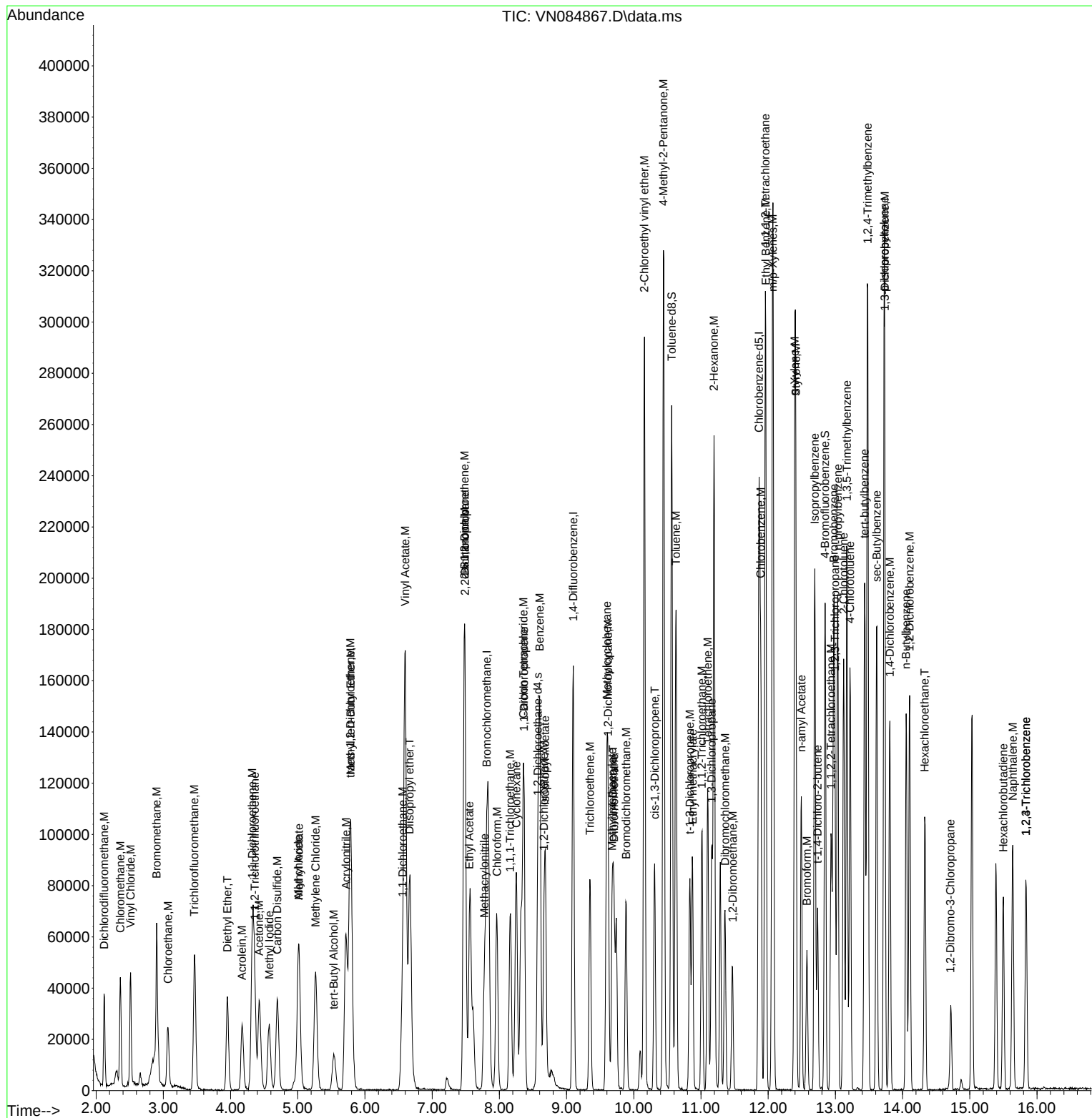
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43) Ethyl Acetate	7.553	43	43215	20.598	ug/l	99
44) Isopropyl Acetate	8.683	43	76147	17.924	ug/l	96
45) 1,4-Dioxane	9.694	88	11581	408.313	ug/l	98
46) Methyl methacrylate	9.677	41	31598	18.508	ug/l	93
47) n-amyl Acetate	12.494	43	57999	18.279	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	47064	18.453	ug/l	93
49) cis-1,3-Dichloropropene	10.312	75	53099	19.425	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	33847	20.943	ug/l	93
51) Ethyl methacrylate	10.877	69	47007	18.869	ug/l	93
52) 1,3-Dichloropropane	11.159	76	57997	20.674	ug/l	99
53) Dibromochloromethane	11.359	129	39443	20.855	ug/l	98
54) 1,2-Dibromoethane	11.471	107	34374	21.029	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	129165	105.755	ug/l	98
56) Bromoform	12.576	173	26019	20.524	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	217184	106.208	ug/l	97
59) 2-Hexanone	11.194	43	157051	104.883	ug/l	99
61) Tetrachloroethene	11.100	164	26787	19.746	ug/l	95
62) Toluene	10.630	91	143824	19.481	ug/l	99
64) Chlorobenzene	11.888	112	88491	19.855	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	33876	20.682	ug/l	98
66) Ethyl Benzene	11.965	91	140773	18.144	ug/l	95
67) m/p-Xylenes	12.071	106	112700	37.941	ug/l	99
68) o-Xylene	12.394	106	54333	18.962	ug/l	95
69) Styrene	12.412	104	92272	19.206	ug/l	99
70) Isopropylbenzene	12.694	105	132744	18.649	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	50764	22.003	ug/l	95
72) 1,2,3-Trichloropropane	12.994	75	62731	31.843	ug/l	62
73) Bromobenzene	12.976	156	35881	19.545	ug/l	97
74) n-propylbenzene	13.035	91	154569	18.570	ug/l	100
75) 2-Chlorotoluene	13.123	91	100115	18.470	ug/l	96
76) 1,3,5-Trimethylbenzene	13.171	105	117170	19.266	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	15759	19.504	ug/l	92
78) 4-Chlorotoluene	13.218	91	100452	18.342	ug/l	99
79) tert-butylbenzene	13.435	119	93698	18.630	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	117990	19.231	ug/l	98
81) sec-Butylbenzene	13.618	105	126560	18.262	ug/l	98
82) p-Isopropyltoluene	13.729	119	106151	18.229	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	64615	19.031	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	62132	18.520	ug/l	99
85) n-Butylbenzene	14.053	91	79989	16.355	ug/l	97
86) Hexachloroethane	14.329	117	22330	18.750	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	64917	19.403	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.712	75	9097	20.435	ug/l	91
89) 1,2,4-Trichlorobenzene	15.835	180	29223	17.939	ug/l	91
90) Hexachlorobutadiene	15.500	225	14544	20.439	ug/l	99
91) Naphthalene	15.641	128	90833	17.460	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	29223	17.939	ug/l	91

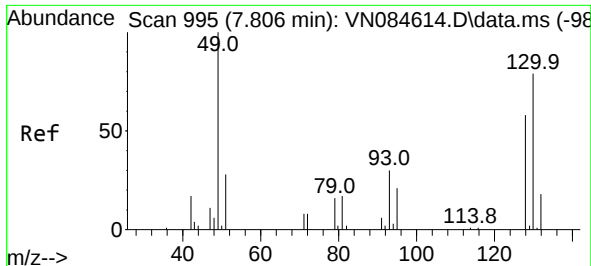
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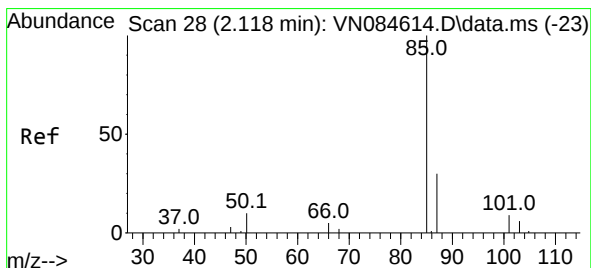
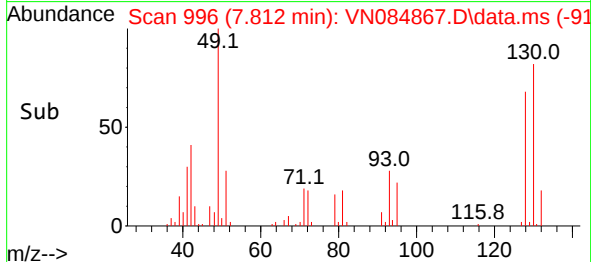
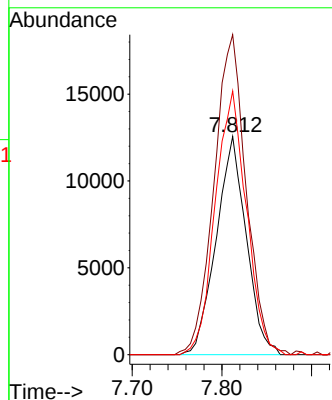
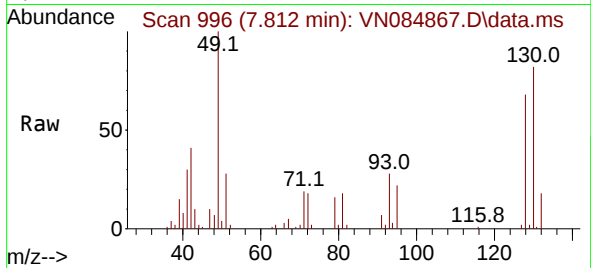




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

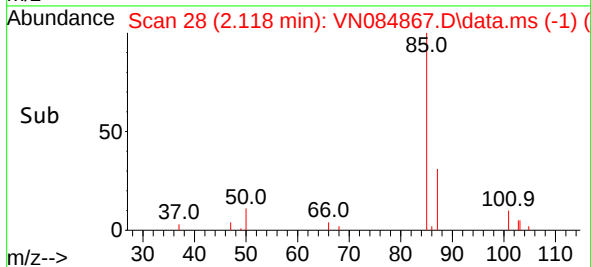
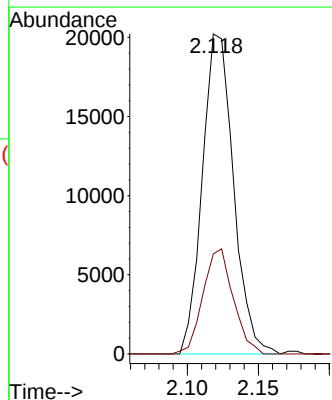
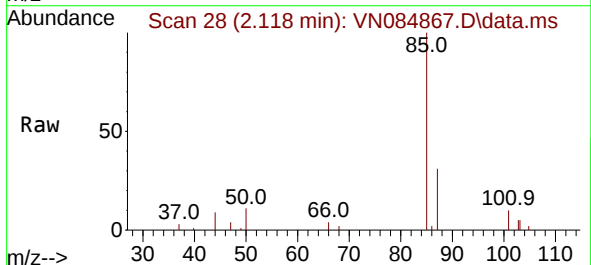
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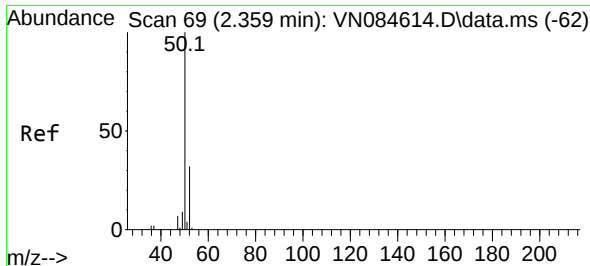
Tgt Ion:128 Resp: 29205
Ion Ratio Lower Upper
128 100
49 156.6 0.0 427.0
130 125.9 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 18.205 ug/l
RT: 2.118 min Scan# 28
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 85 Resp: 30924
Ion Ratio Lower Upper
85 100
87 31.3 14.9 44.9

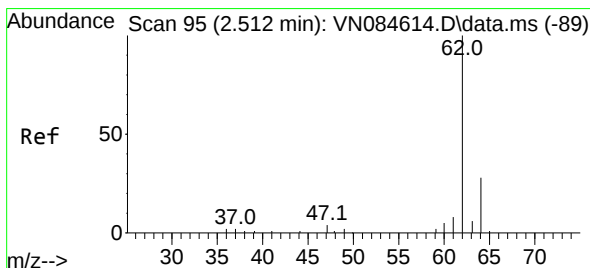
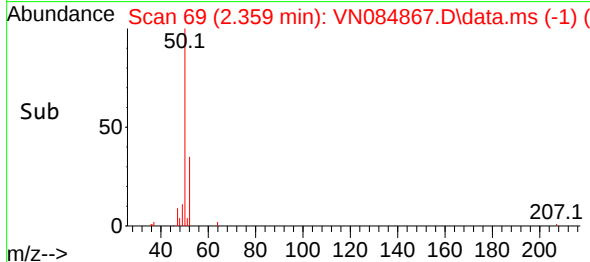
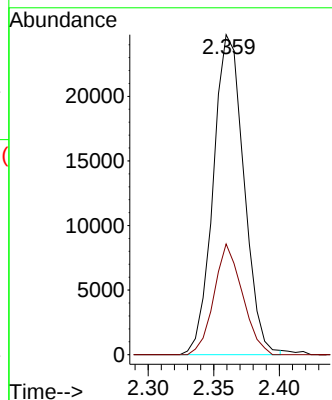
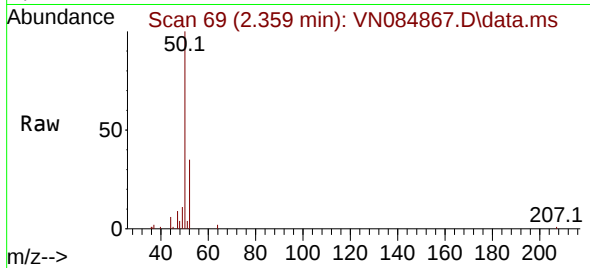




#3
Chloromethane
Concen: 19.714 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

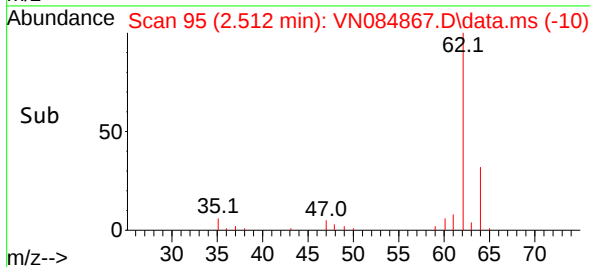
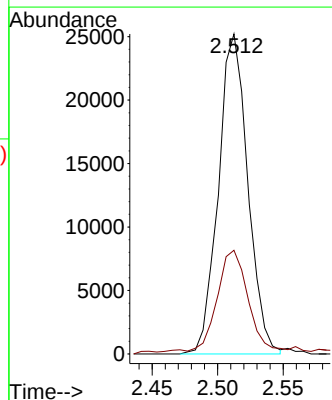
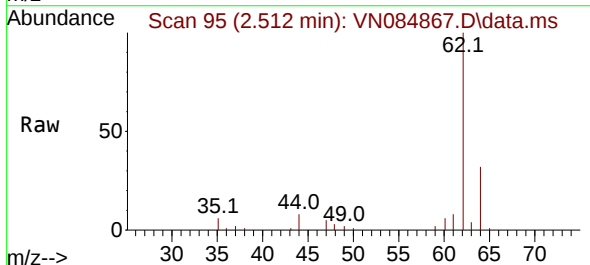
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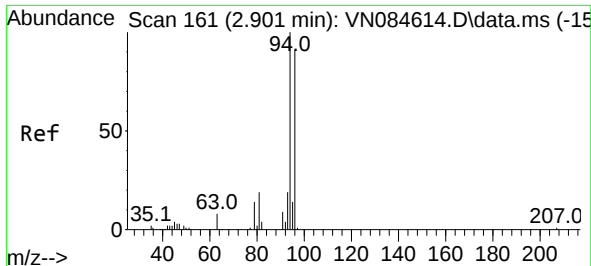
Tgt Ion: 50 Resp: 40318
Ion Ratio Lower Upper
50 100
52 34.6 25.5 38.3



#4
Vinyl Chloride
Concen: 20.709 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 62 Resp: 39327
Ion Ratio Lower Upper
62 100
64 31.1 23.1 34.7

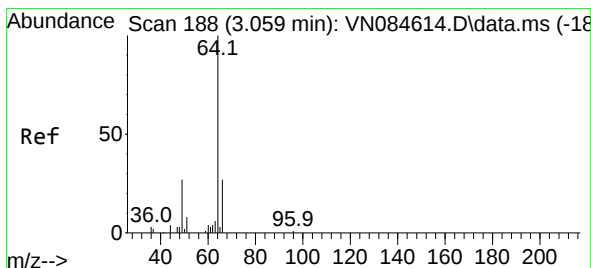
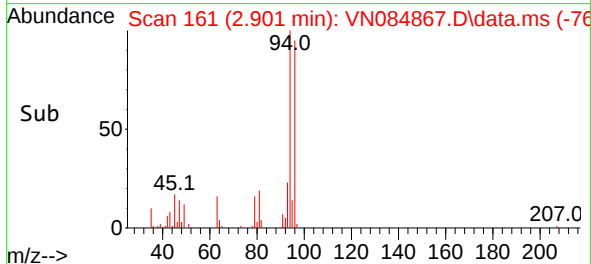
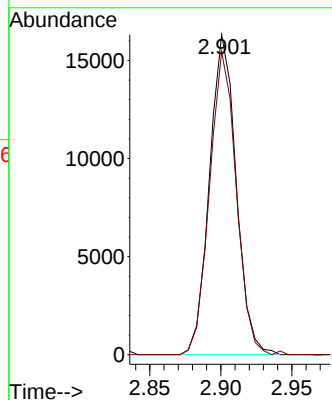
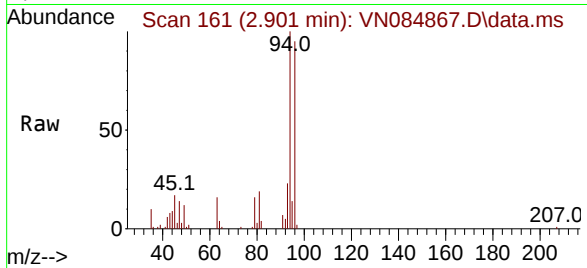




#5
Bromomethane
Concen: 22.048 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

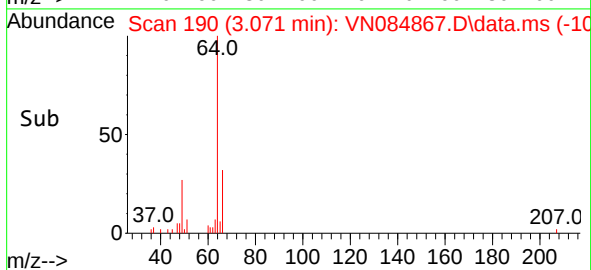
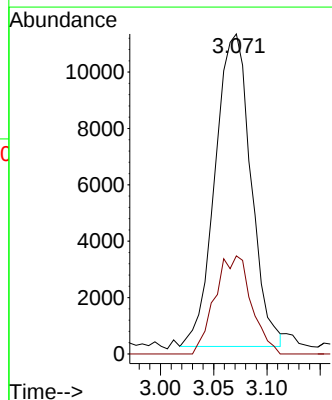
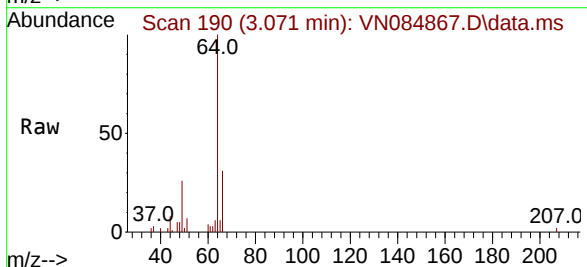
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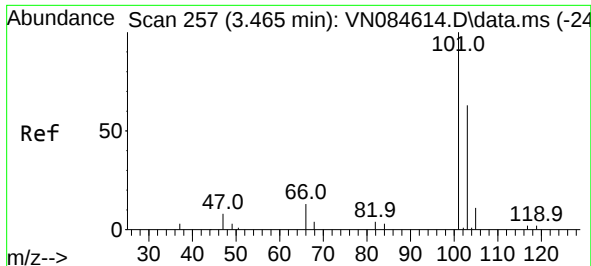
Tgt Ion: 94 Resp: 21252
Ion Ratio Lower Upper
94 100
96 94.8 72.7 109.1



#6
Chloroethane
Concen: 20.777 ug/l
RT: 3.071 min Scan# 190
Delta R.T. 0.012 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 64 Resp: 25906
Ion Ratio Lower Upper
64 100
66 31.4 22.1 33.1

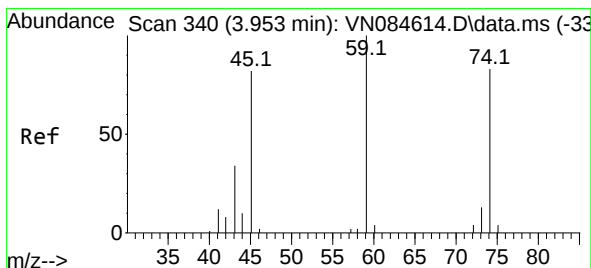
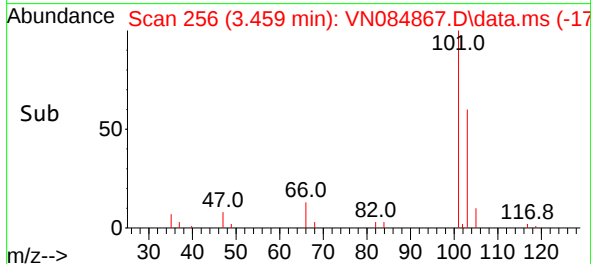
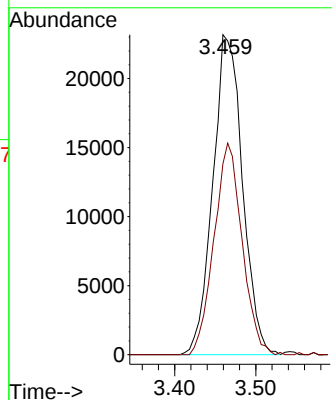
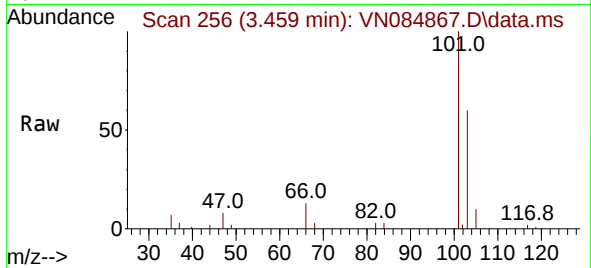




#7
 Trichlorofluoromethane
 Concen: 19.056 ug/l
 RT: 3.459 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN084867.D
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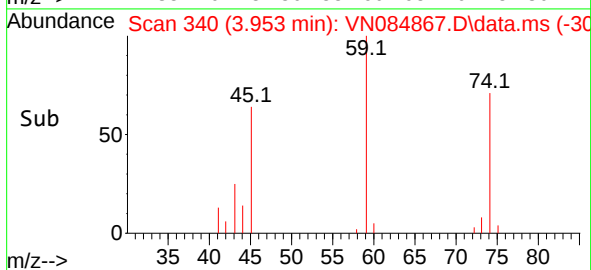
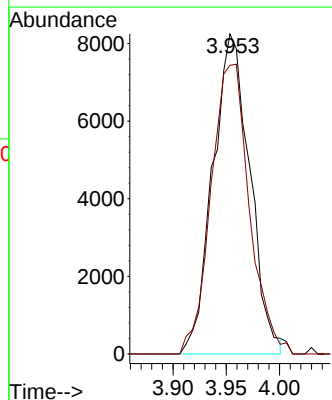
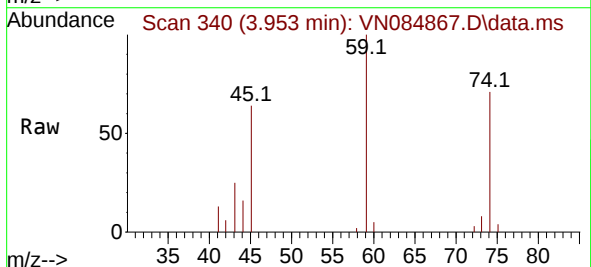
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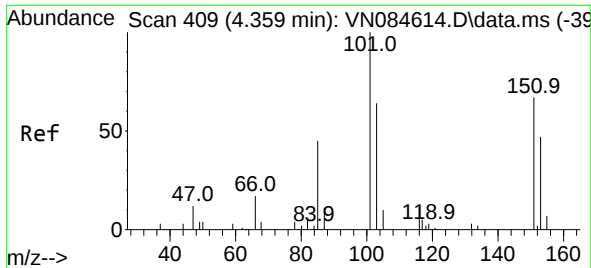
Tgt Ion:101 Resp: 58770
 Ion Ratio Lower Upper
 101 100
 103 59.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 18.093 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN084867.D
 Acq: 15 Nov 2024 13:49

Tgt Ion: 74 Resp: 19904
 Ion Ratio Lower Upper
 74 100
 45 93.9 19.8 178.4

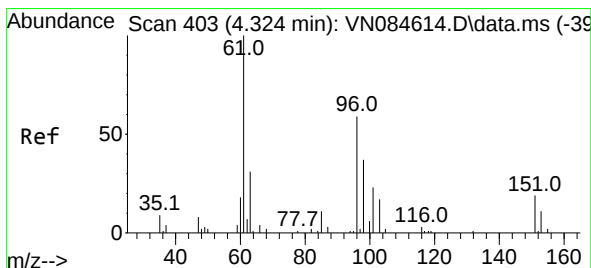
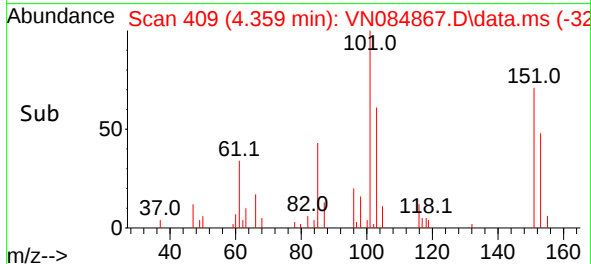
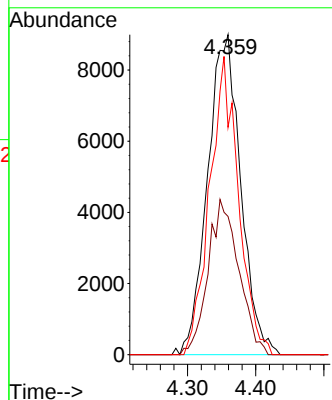
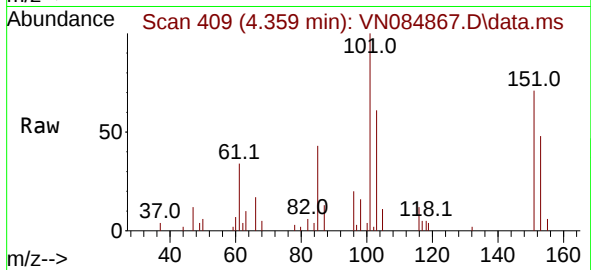




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.418 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: VN084867.D
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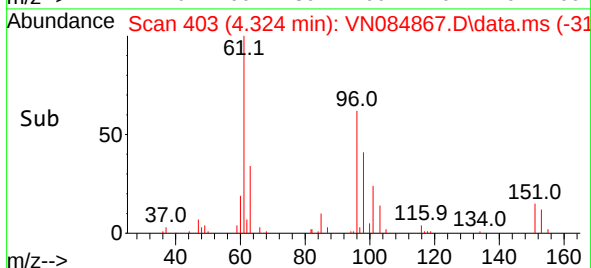
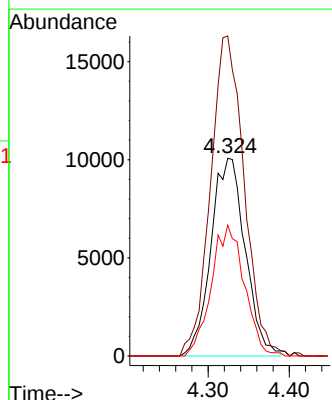
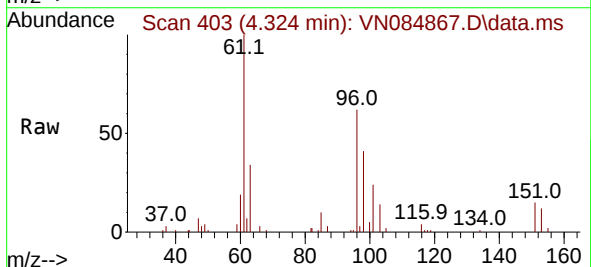
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 ClientSampleId :
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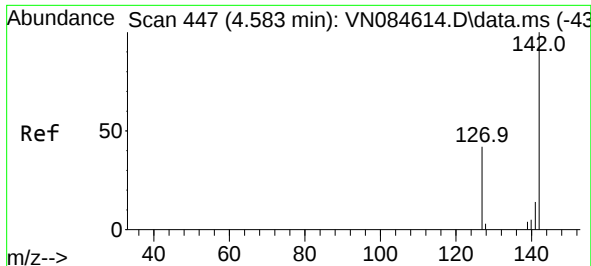
Tgt Ion:101 Resp: 30359
 Ion Ratio Lower Upper
 101 100
 85 45.2 0.0 89.6
 151 80.9 0.0 149.4



#10
 1,1-Dichloroethene
 Concen: 17.328 ug/l
 RT: 4.324 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VN084867.D
 Acq: 15 Nov 2024 13:49

Tgt Ion: 96 Resp: 29493
 Ion Ratio Lower Upper
 96 100
 61 161.9 135.1 202.7
 98 66.1 50.4 75.6

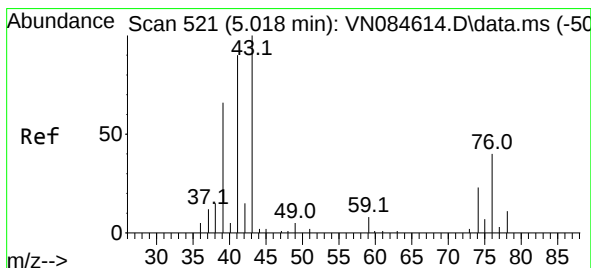
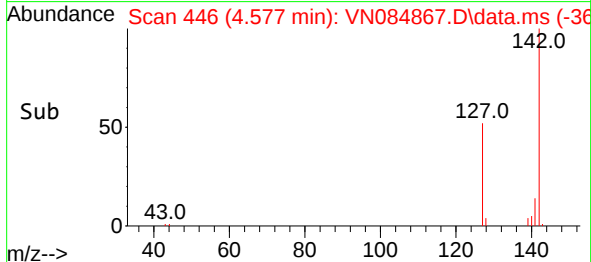
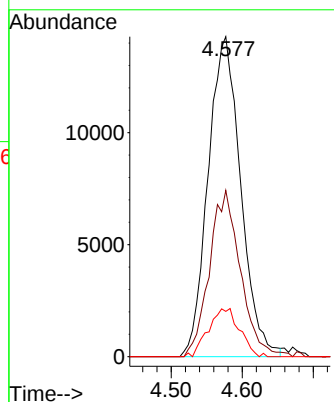
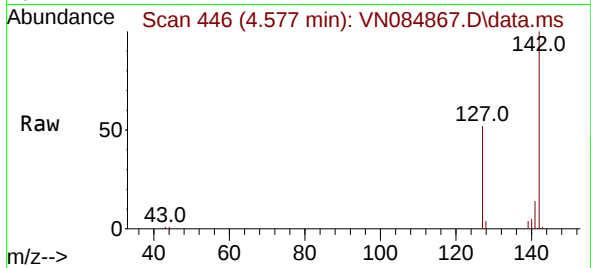




#11
Methyl Iodide
Concen: 19.477 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

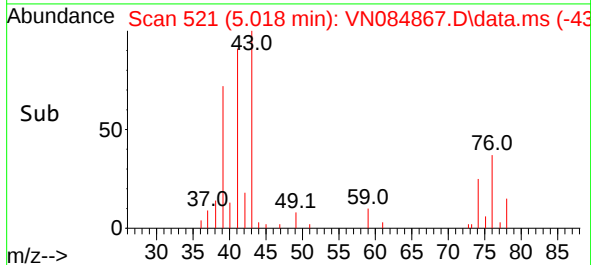
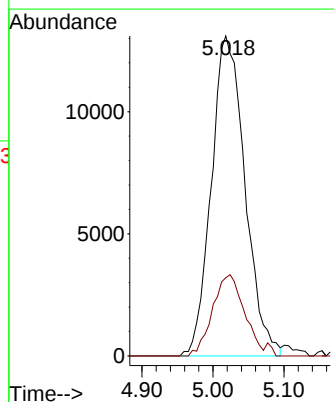
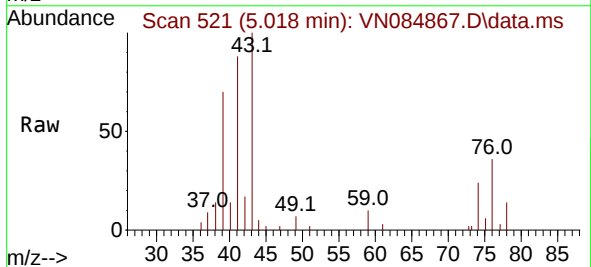
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

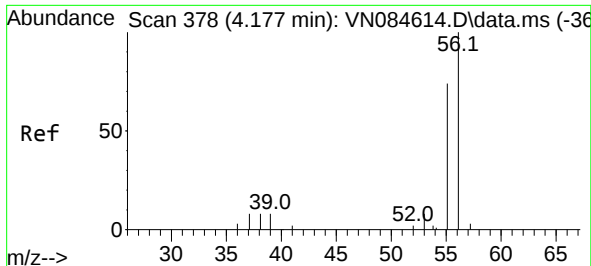
Tgt Ion:142 Resp: 45562
Ion Ratio Lower Upper
142 100
127 51.9 20.3 60.9
141 14.3 6.9 20.7



#12
Methyl Acetate
Concen: 16.231 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 43 Resp: 43060
Ion Ratio Lower Upper
43 100
74 24.8 19.0 28.4





#13

Acrolein

Concen: 99.945 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

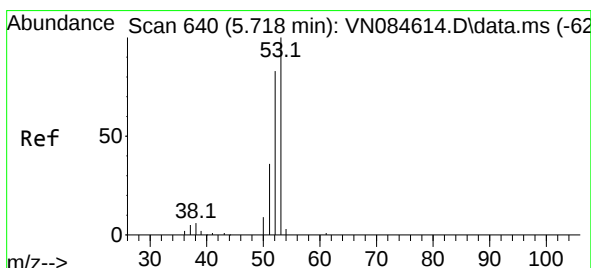
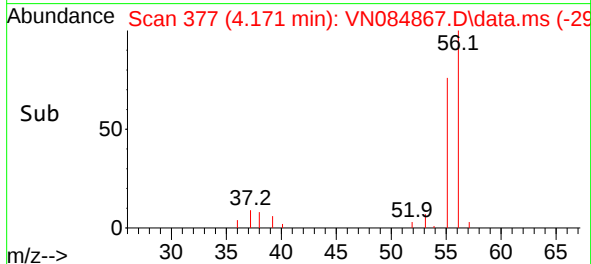
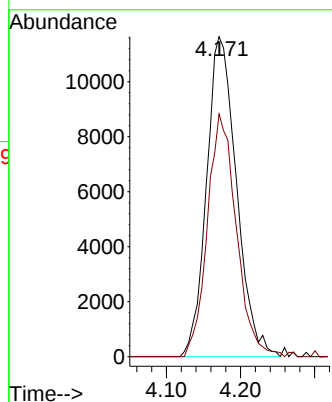
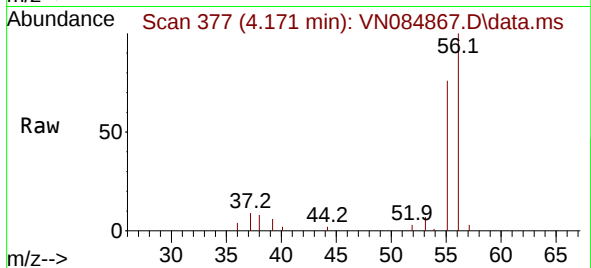
VSTDCCC020

Tgt Ion: 56 Resp: 32698

Ion Ratio Lower Upper

56 100

55 73.1 56.7 85.1



#14

Acrylonitrile

Concen: 94.441 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

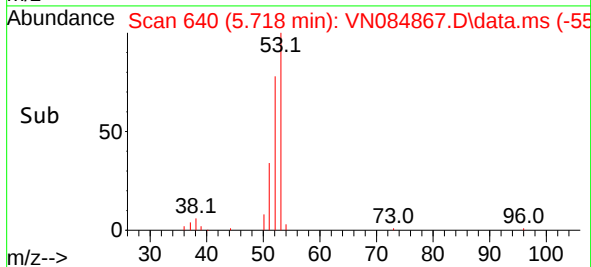
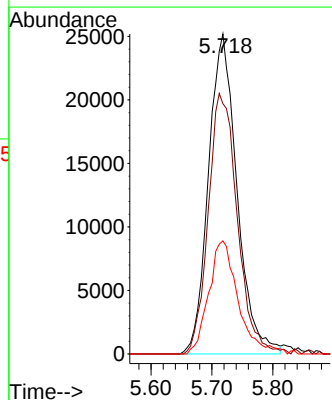
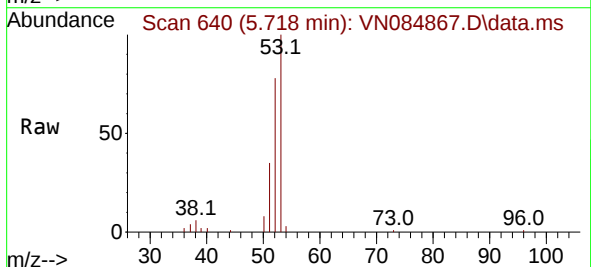
Tgt Ion: 53 Resp: 81966

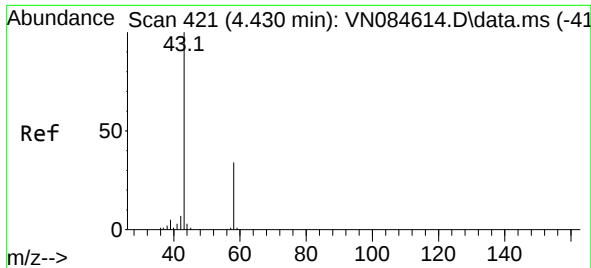
Ion Ratio Lower Upper

53 100

52 82.6 41.6 124.9

51 35.4 18.2 54.6





#15

Acetone

Concen: 96.356 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

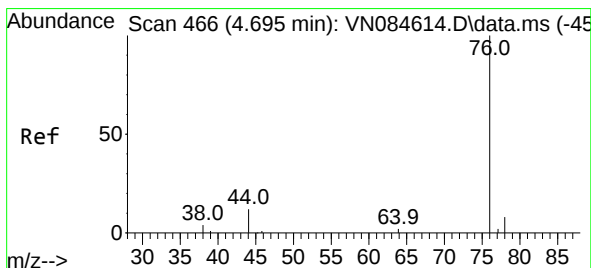
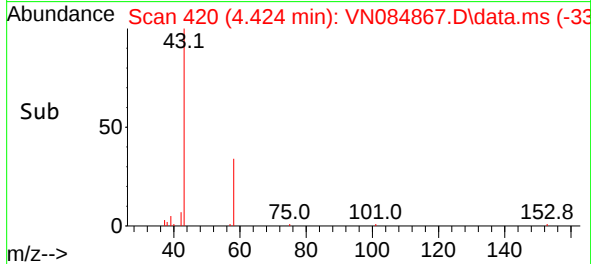
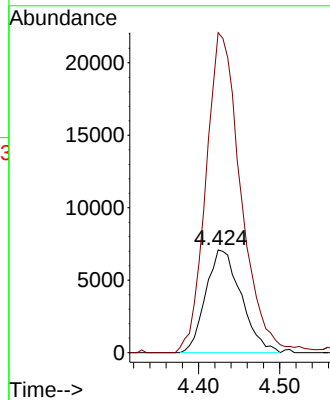
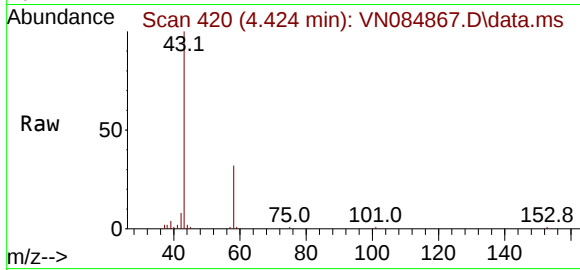
VSTDCCC020

Tgt Ion: 58 Resp: 21488

Ion Ratio Lower Upper

58 100

43 306.7 233.0 349.6



#16

Carbon Disulfide

Concen: 16.663 ug/l

RT: 4.695 min Scan# 466

Delta R.T. 0.000 min

Lab File: VN084867.D

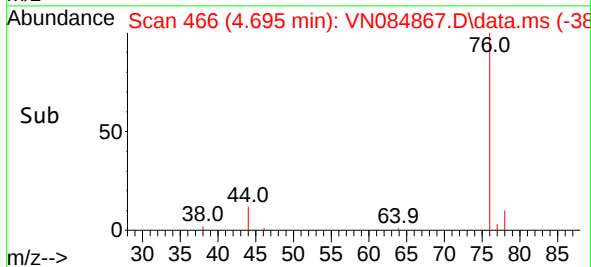
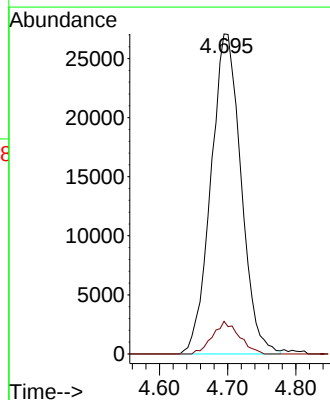
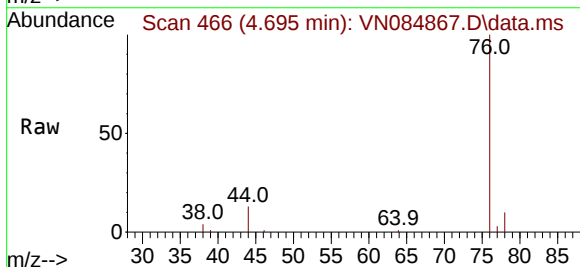
Acq: 15 Nov 2024 13:49

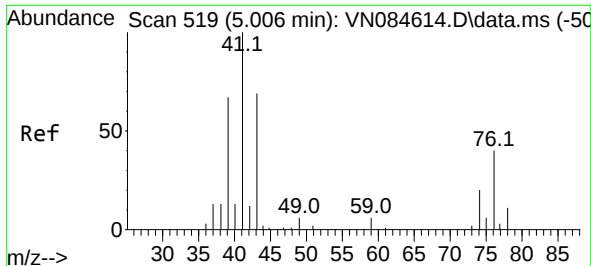
Tgt Ion: 76 Resp: 83450

Ion Ratio Lower Upper

76 100

78 10.2 6.6 9.8#





#17

Allyl chloride

Concen: 15.386 ug/l

RT: 5.012 min Scan# 519

Delta R.T. 0.006 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

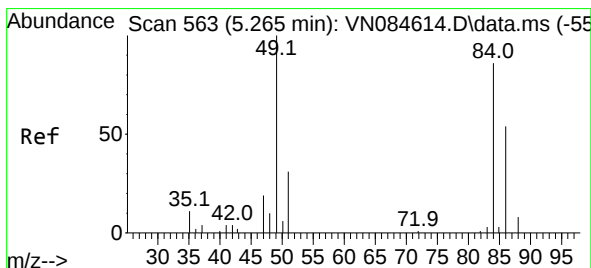
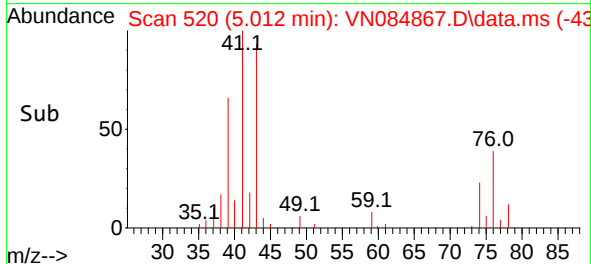
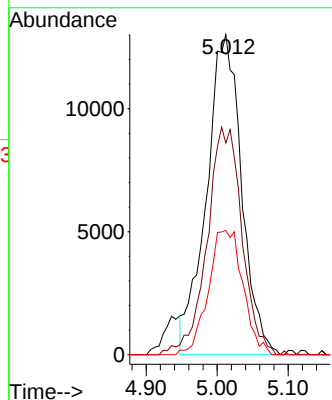
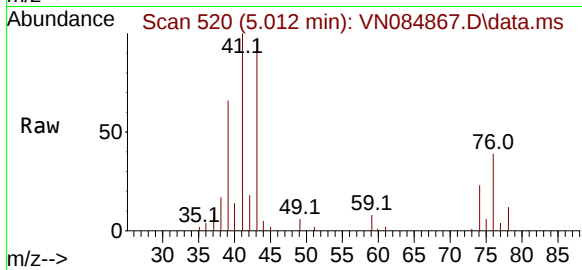
Tgt Ion: 41 Resp: 44622

Ion Ratio Lower Upper

41 100

39 66.2 33.4 100.2

76 38.9 20.2 60.6



#18

Methylene Chloride

Concen: 18.583 ug/l

RT: 5.265 min Scan# 563

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Tgt Ion: 84 Resp: 37063

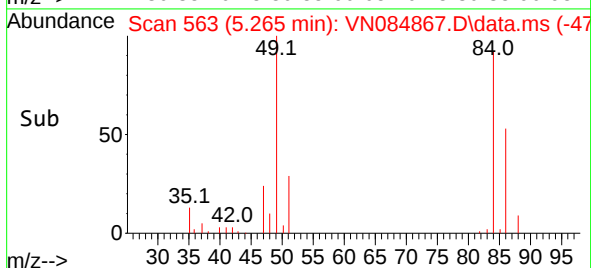
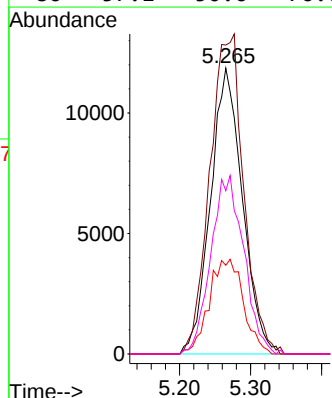
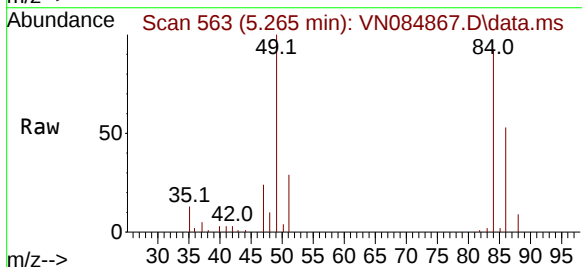
Ion Ratio Lower Upper

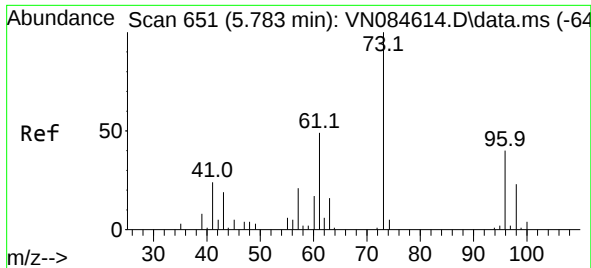
84 100

49 108.1 93.0 139.6

51 31.0 28.9 43.3

86 57.1 50.6 76.0

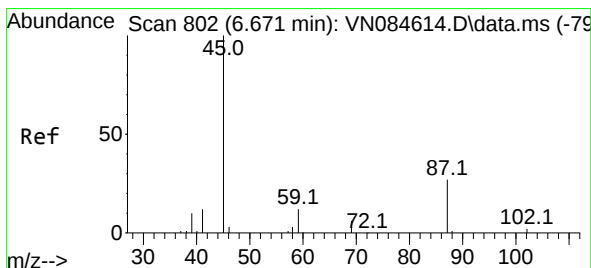
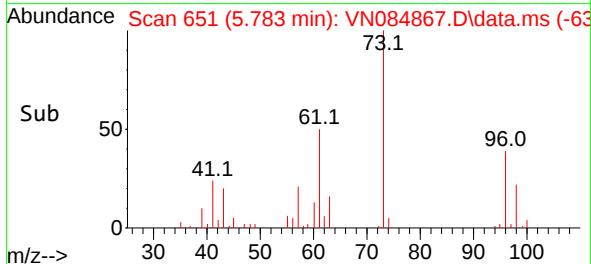
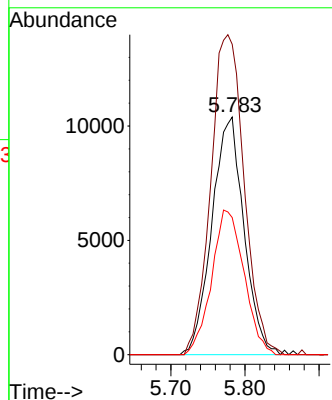
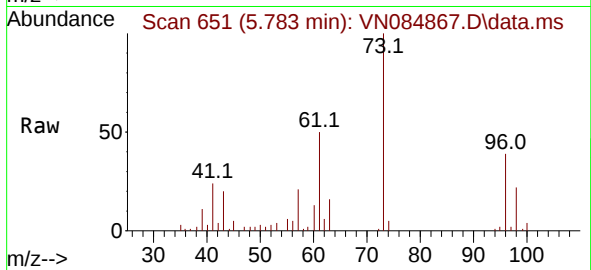




#19
trans-1,2-Dichloroethene
Concen: 17.483 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

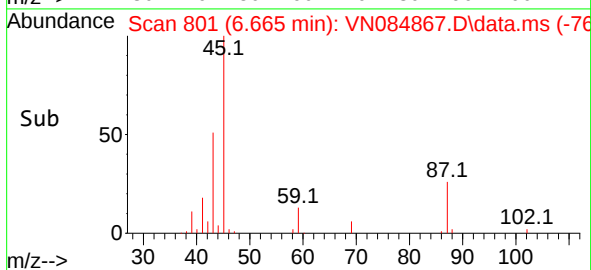
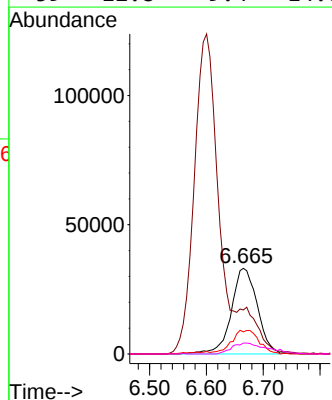
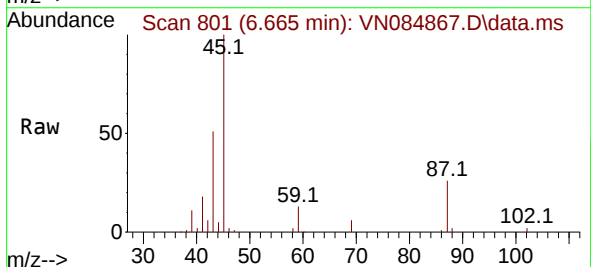
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

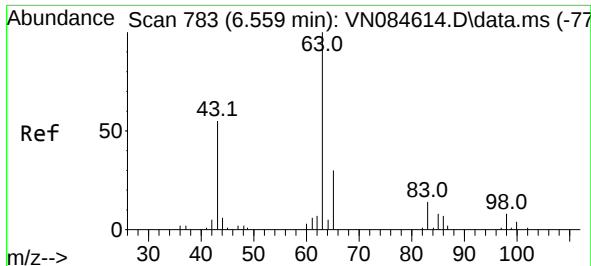
Tgt Ion: 96 Resp: 31190
Ion Ratio Lower Upper
96 100
61 130.6 98.1 147.1
98 57.7 46.6 69.8



#20
Diisopropyl ether
Concen: 18.098 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 45 Resp: 105073
Ion Ratio Lower Upper
45 100
43 48.2 42.6 64.0
87 25.8 23.0 34.4
59 12.8 9.4 14.0

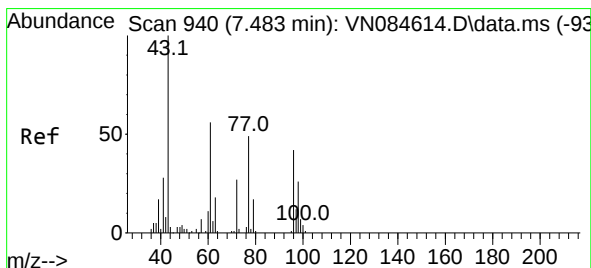
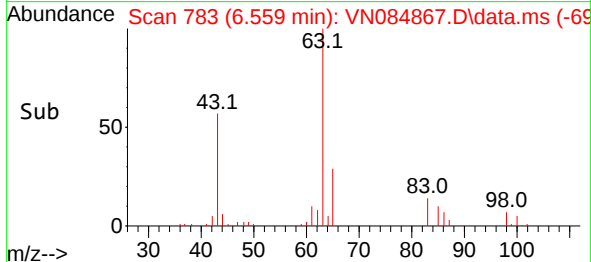
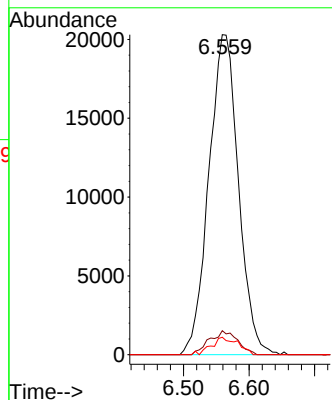
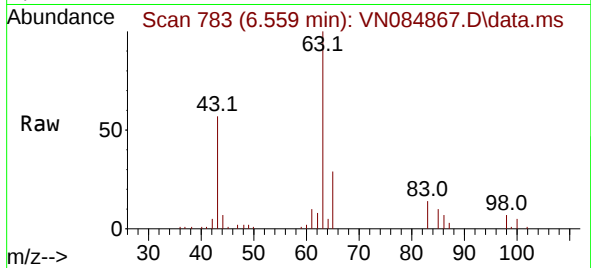




#21
1,1-Dichloroethane
Concen: 18.225 ug/l
RT: 6.559 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

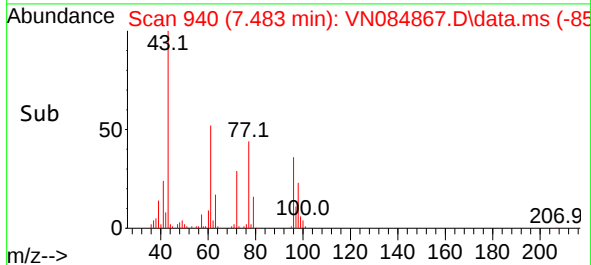
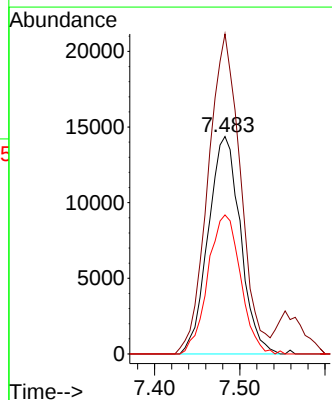
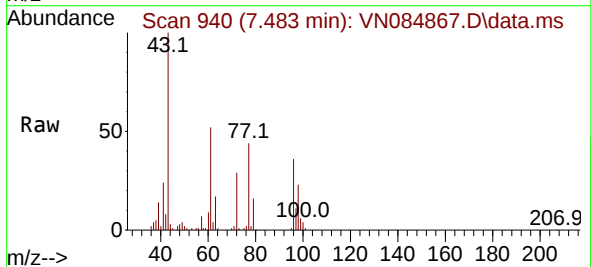
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

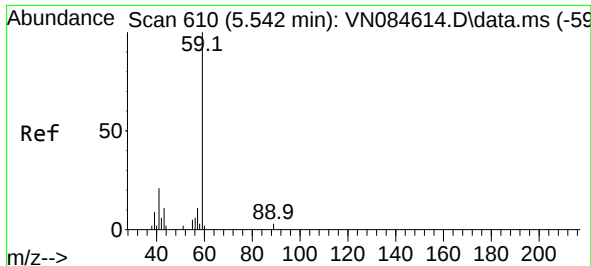
Tgt Ion: 63 Resp: 63631
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.4
100 5.5 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 17.722 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 96 Resp: 37746
Ion Ratio Lower Upper
96 100
61 148.2 121.8 182.8
98 64.6 53.2 79.8

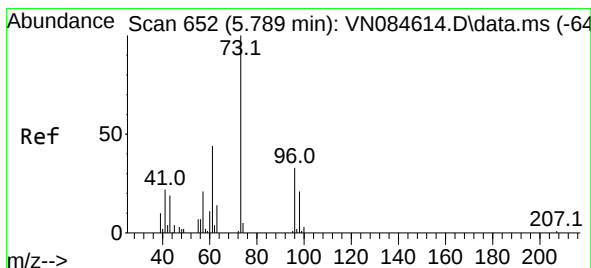
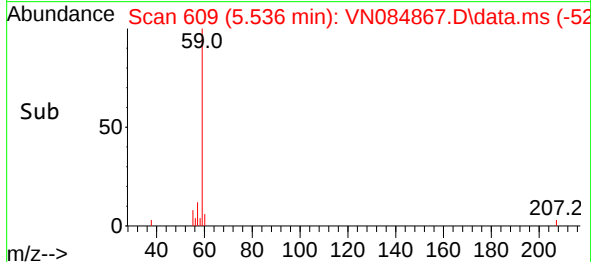
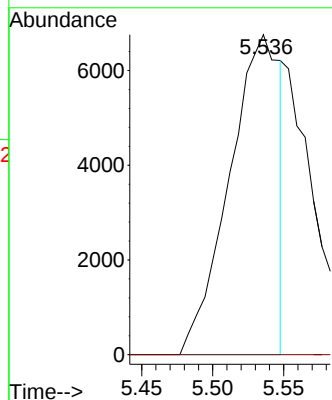
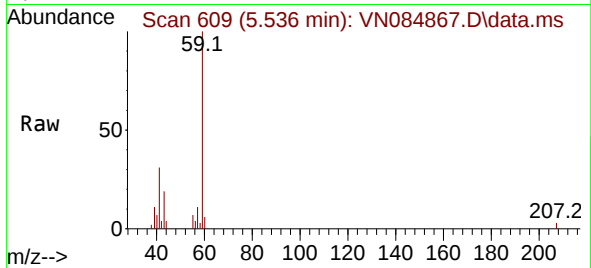




#23
tert-Butyl Alcohol
Concen: 55.258 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

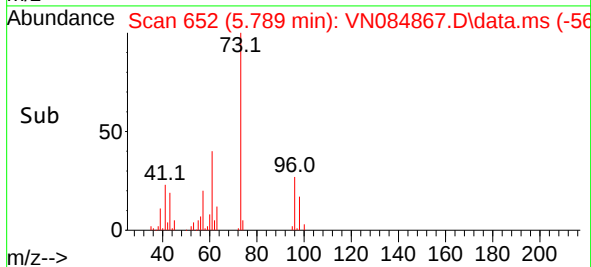
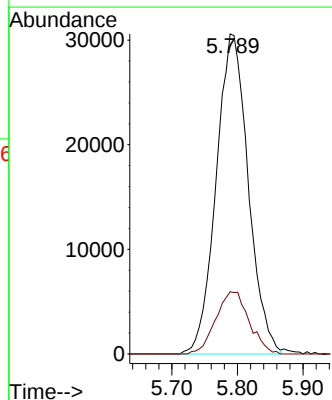
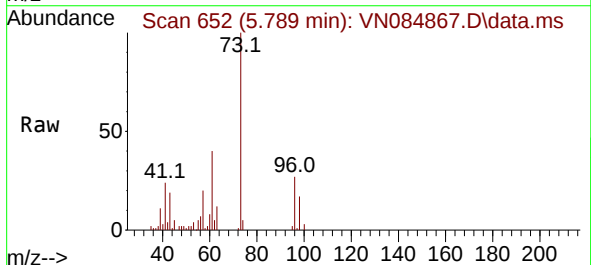
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

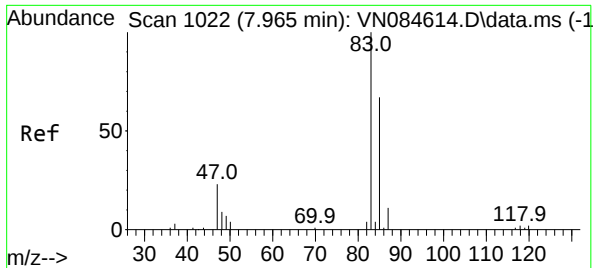
Tgt Ion: 59 Resp: 16743
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.889 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 73 Resp: 103968
Ion Ratio Lower Upper
73 100
43 20.2 16.5 24.7

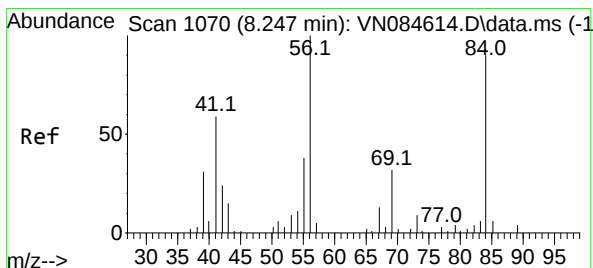
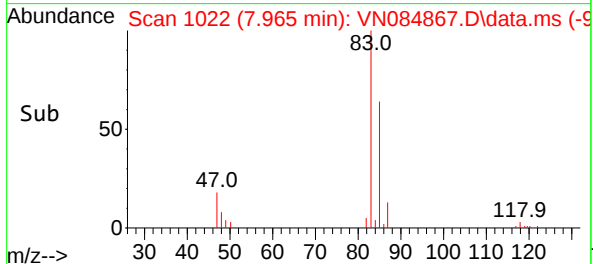
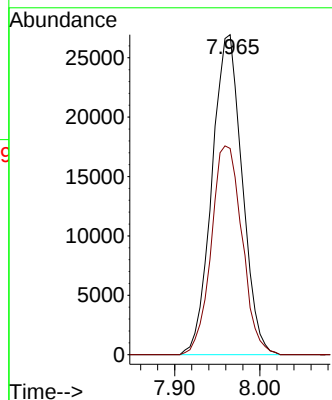
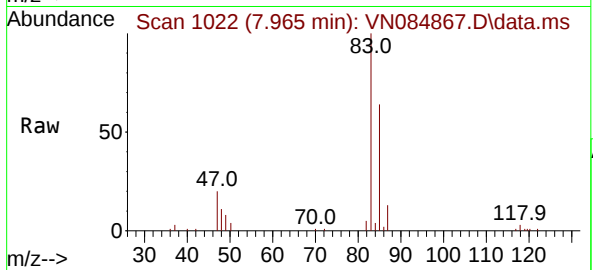




#25
Chloroform
Concen: 18.560 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

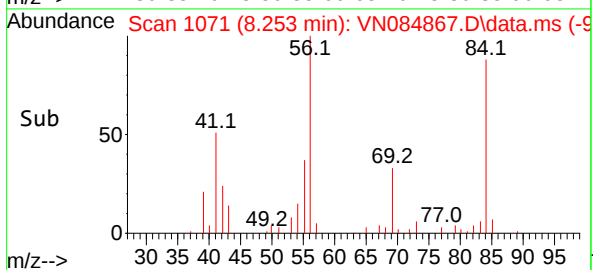
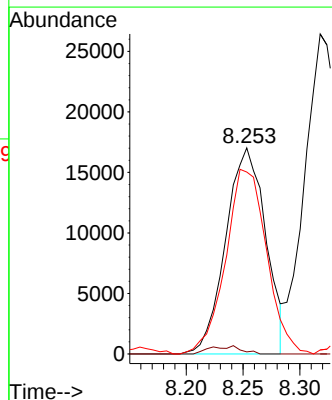
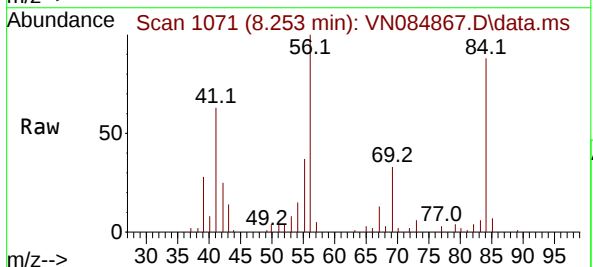
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

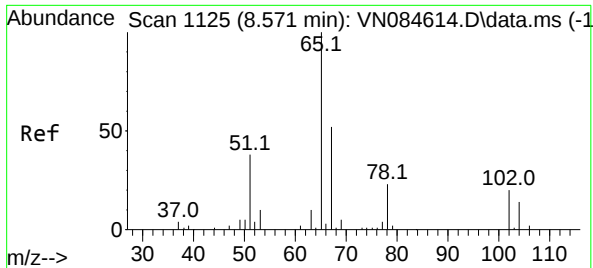
Tgt Ion: 83 Resp: 66394
Ion Ratio Lower Upper
83 100
85 64.4 53.4 80.2



#26
Cyclohexane
Concen: 15.636 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 56 Resp: 41700
Ion Ratio Lower Upper
56 100
89 1.2 3.0 4.4#
84 91.8 70.6 106.0

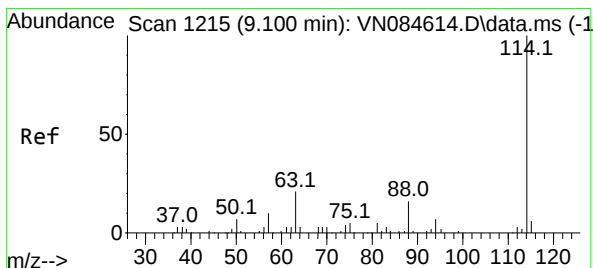
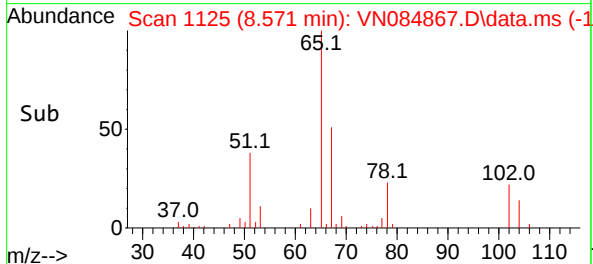
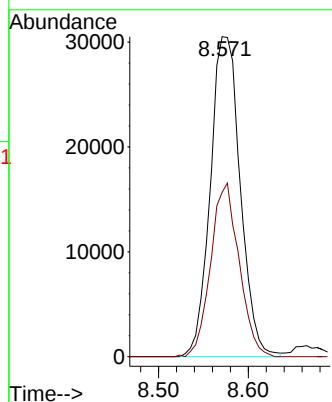
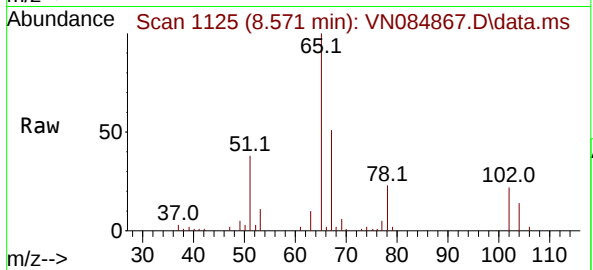




#27
1,2-Dichloroethane-d4
Concen: 30.125 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

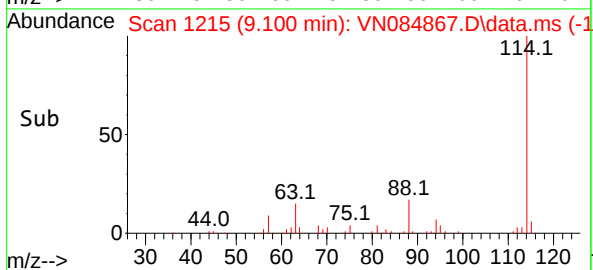
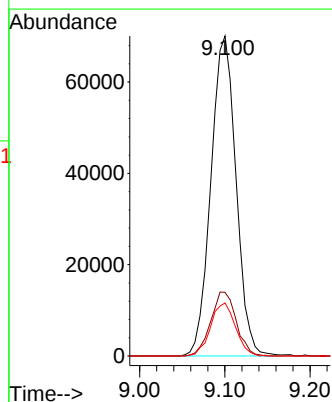
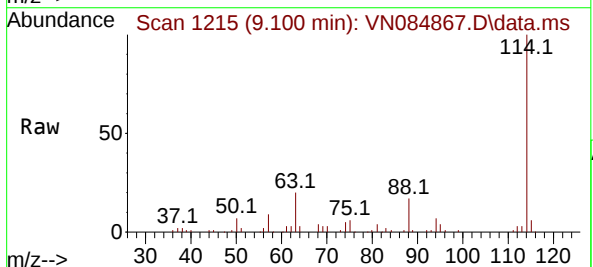
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

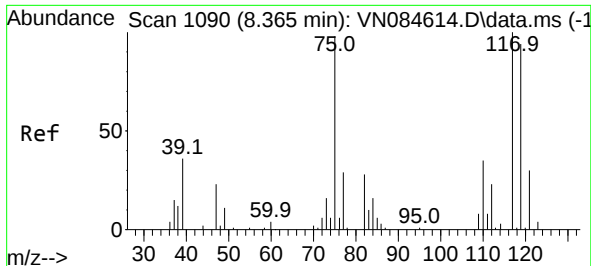
Tgt Ion: 65 Resp: 70731
Ion Ratio Lower Upper
65 100
67 51.3 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 114 Resp: 143711
Ion Ratio Lower Upper
114 100
63 20.3 16.8 25.2
88 16.4 12.9 19.3





#29
1,1-Dichloropropene
Concen: 17.962 ug/l
RT: 8.365 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

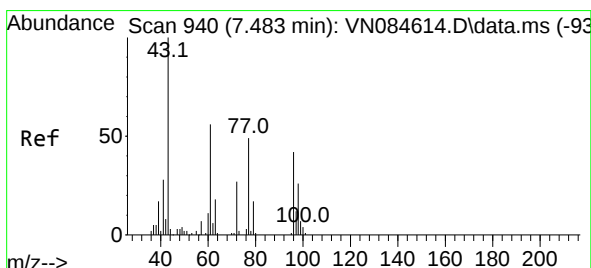
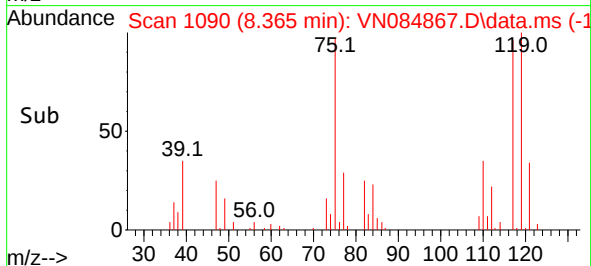
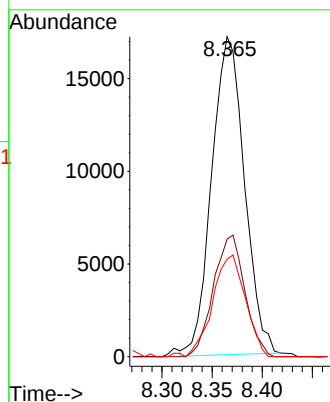
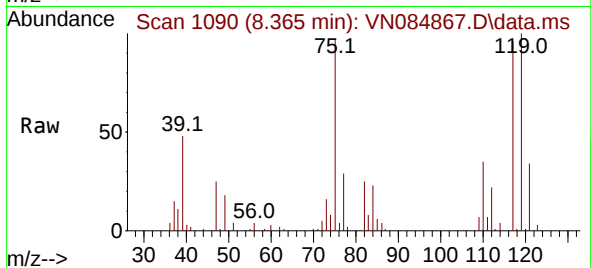
Instrument :

MSVOA_N

ClientSampleId :

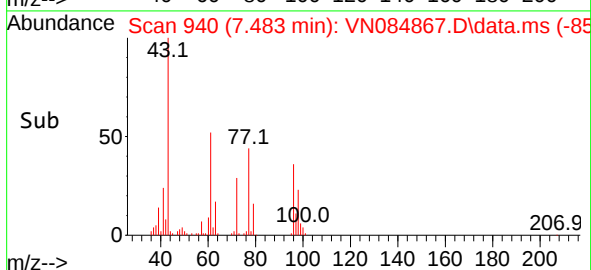
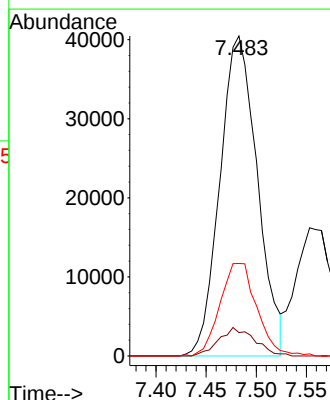
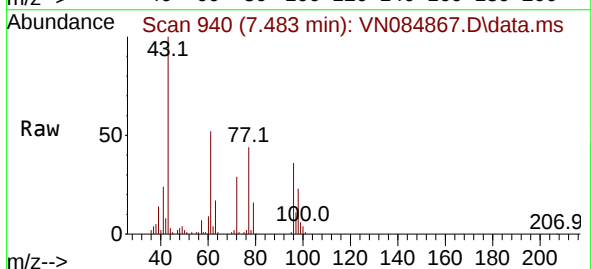
VSTDCCC020

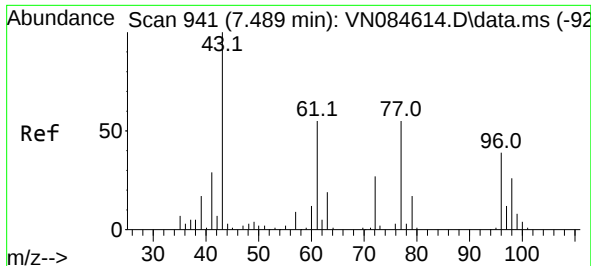
Tgt Ion: 75 Resp: 38880
Ion Ratio Lower Upper
75 100
110 36.7 0.0 69.4
77 31.9 0.0 62.0



#30
2-Butanone
Concen: 105.453 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 43 Resp: 105293
Ion Ratio Lower Upper
43 100
57 8.4 6.2 9.4
72 28.4 21.5 32.3

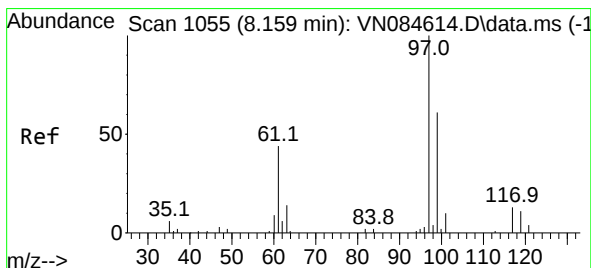
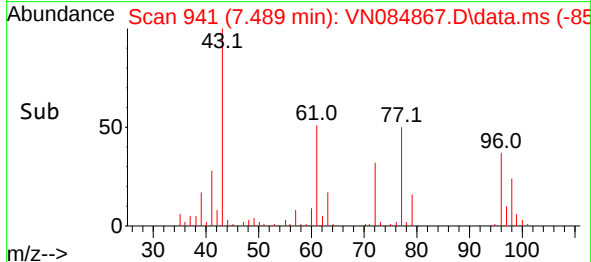
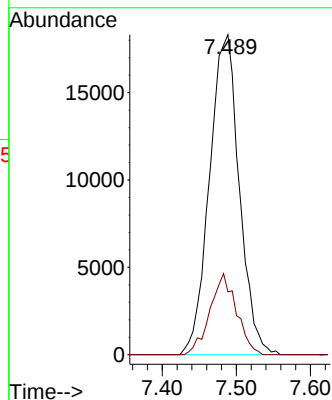
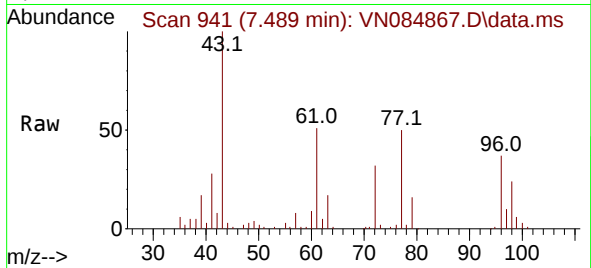




#31
2,2-Dichloropropane
Concen: 19.395 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

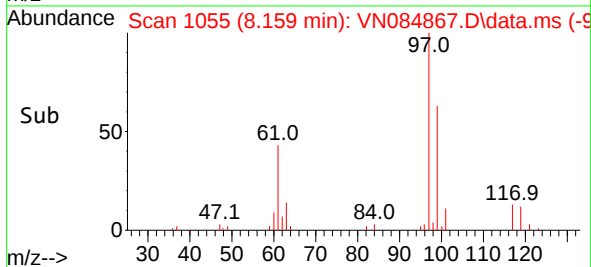
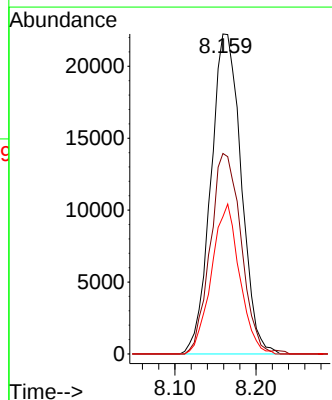
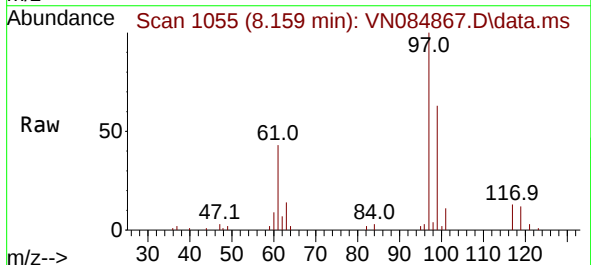
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

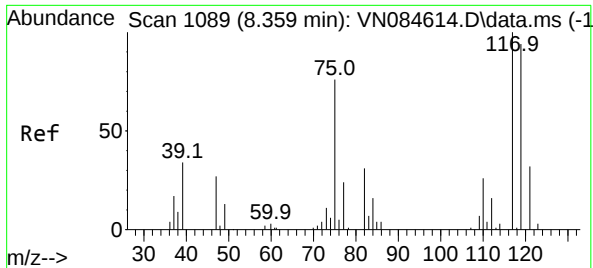
Tgt Ion: 77 Resp: 51247
Ion Ratio Lower Upper
77 100
97 22.5 17.4 26.2



#32
1,1,1-Trichloroethane
Concen: 19.627 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 97 Resp: 57719
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 43.4 34.2 51.4

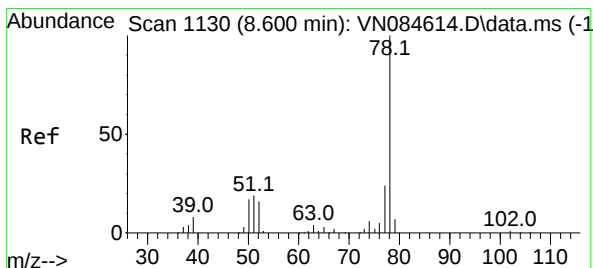
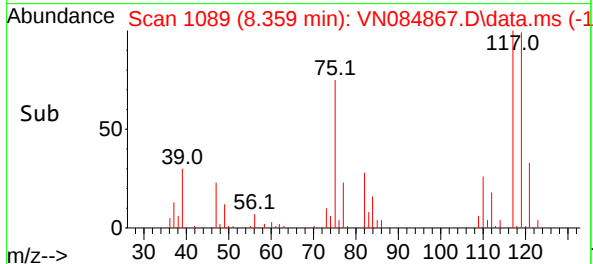
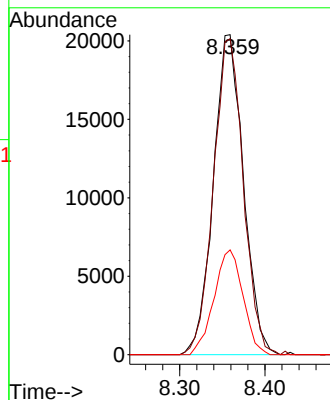
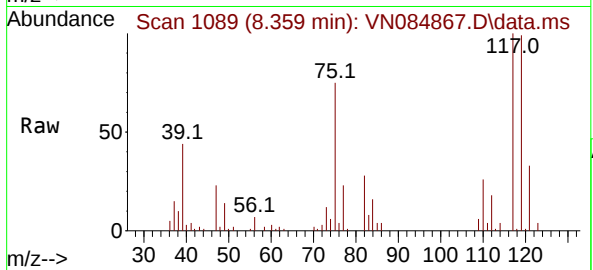




#33
Carbon Tetrachloride
Concen: 19.920 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

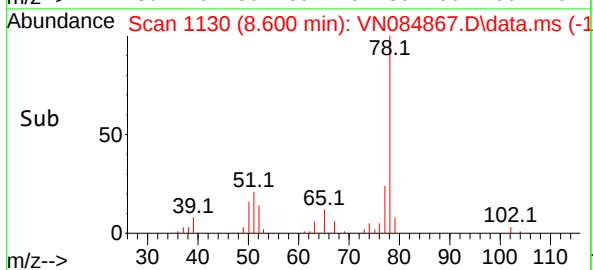
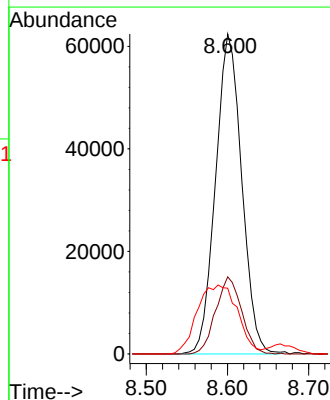
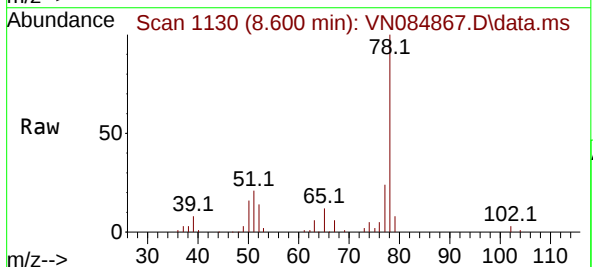
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

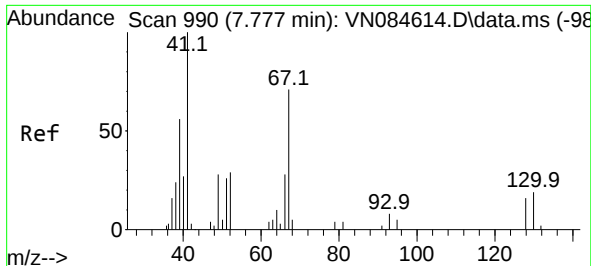
Tgt Ion:117 Resp: 49987
Ion Ratio Lower Upper
117 100
119 98.7 75.7 113.5
121 32.8 25.4 38.0



#34
Benzene
Concen: 19.530 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 78 Resp: 139735
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 18.9 16.1 24.1

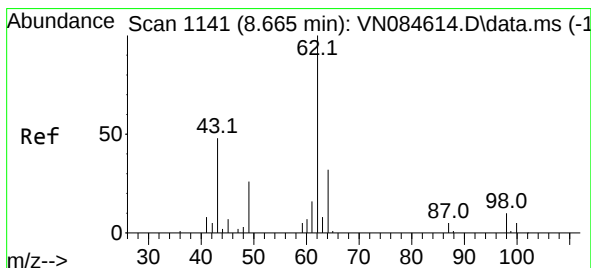
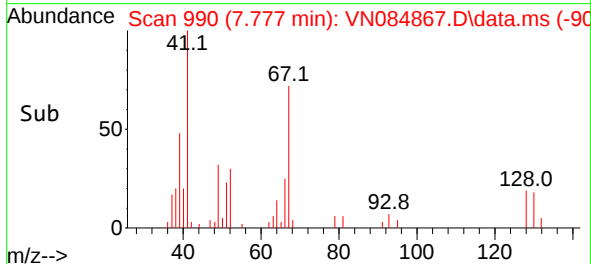
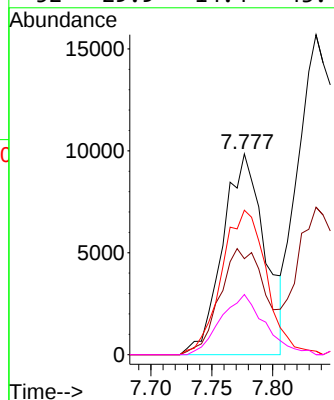
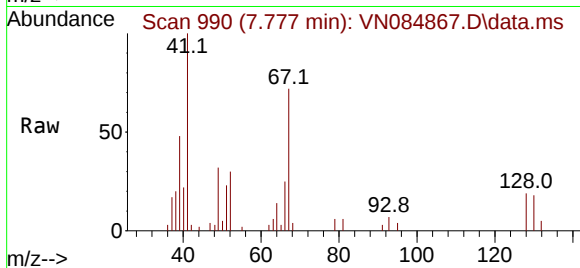




#35
Methacrylonitrile
Concen: 20.042 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

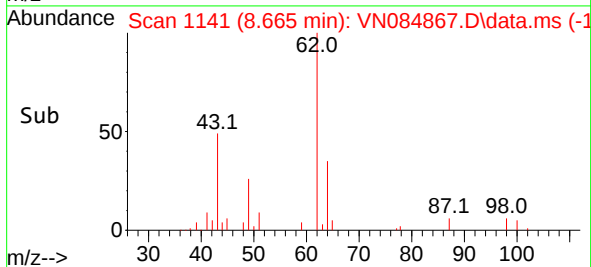
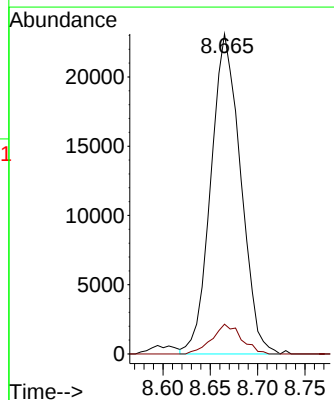
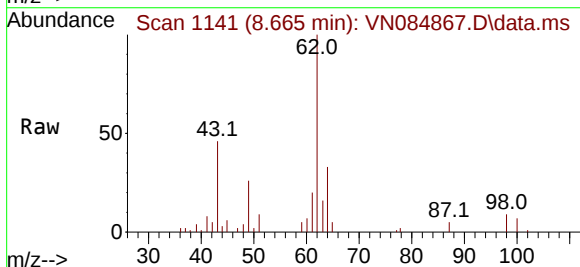
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

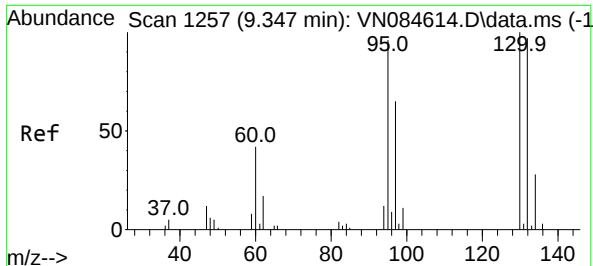
Tgt Ion: 41	Resp: 23718
Ion Ratio	Lower Upper
41 100	
39 47.8	28.2 84.6
67 72.0	35.6 106.8
52 29.9	14.4 43.4



#36
1,2-Dichloroethane
Concen: 21.236 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 62	Resp: 50527
Ion Ratio	Lower Upper
62 100	
98 9.2	7.8 11.6





#37

Trichloroethene

Concen: 18.613 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

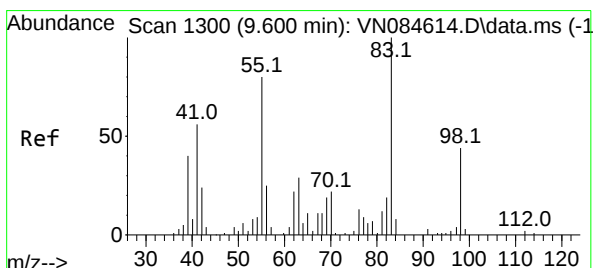
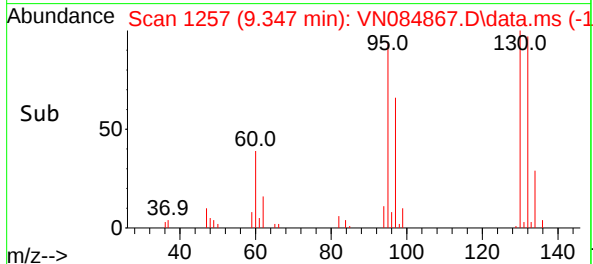
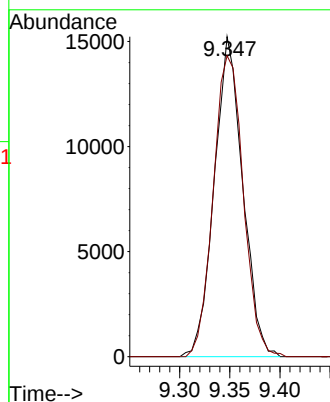
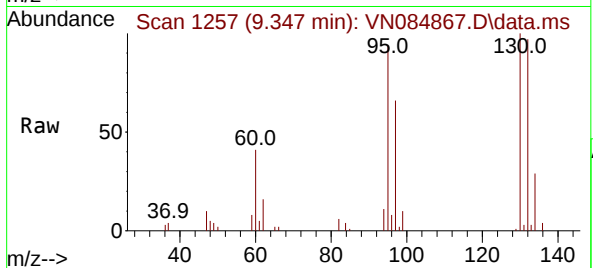
VSTDCCC020

Tgt Ion:130 Resp: 30042

Ion Ratio Lower Upper

130 100

95 94.1 76.6 115.0



#38

Methylcyclohexane

Concen: 16.448 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

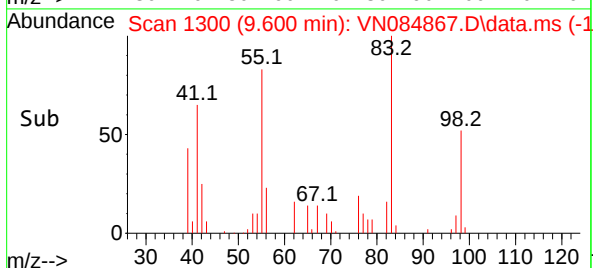
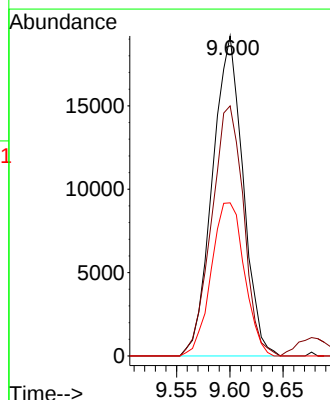
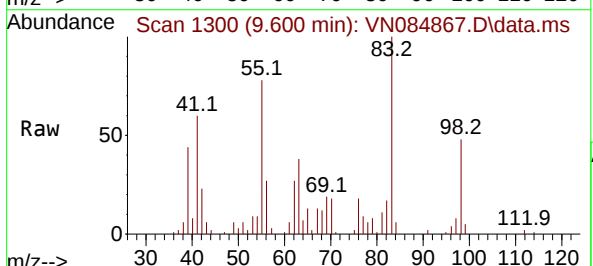
Tgt Ion: 83 Resp: 38328

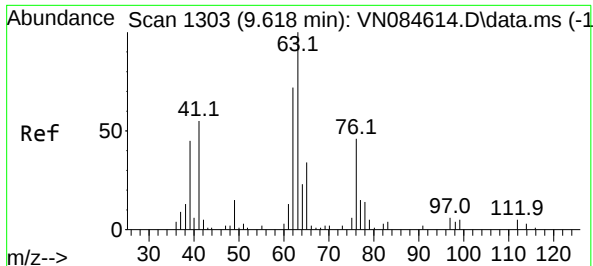
Ion Ratio Lower Upper

83 100

55 81.8 39.6 118.8

98 51.8 23.2 69.5





#39

1,2-Dichloropropane

Concen: 20.098 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

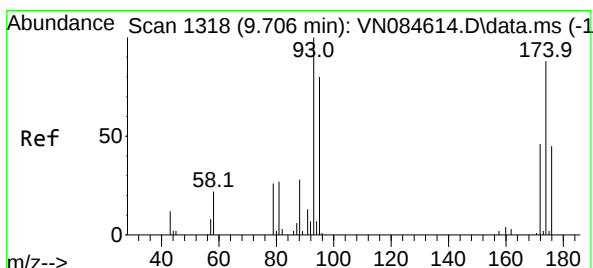
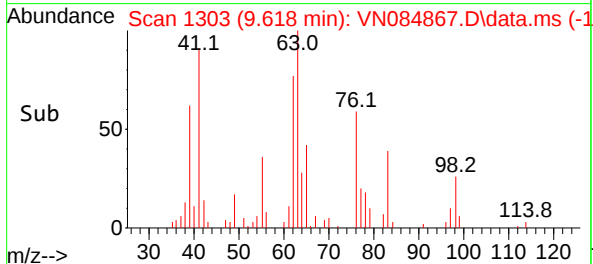
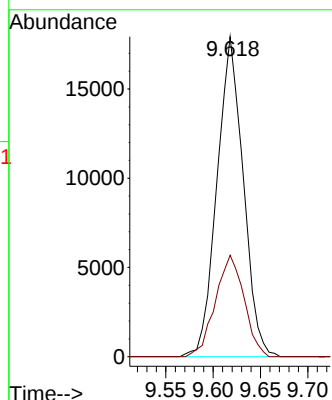
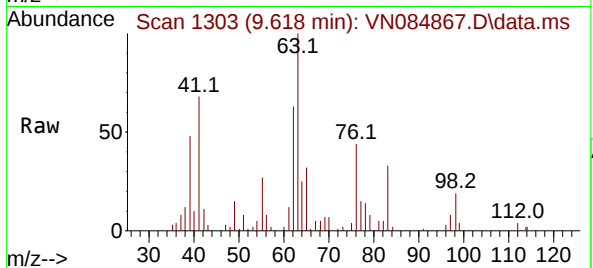
VSTDCCC020

Tgt Ion: 63 Resp: 34615

Ion Ratio Lower Upper

63 100

65 31.7 27.8 41.8



#40

Dibromomethane

Concen: 20.982 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

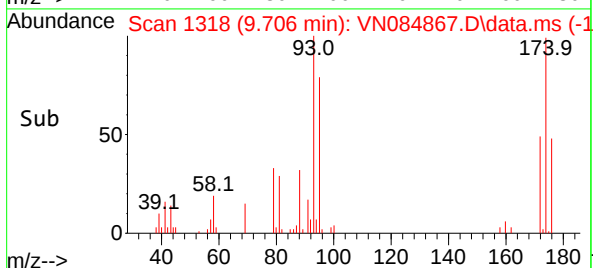
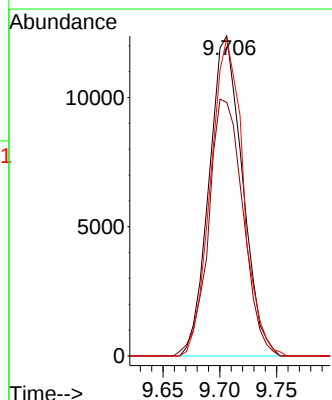
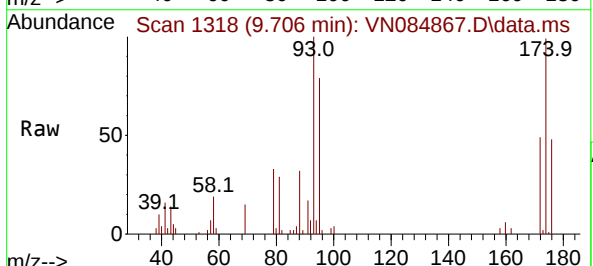
Tgt Ion: 93 Resp: 25281

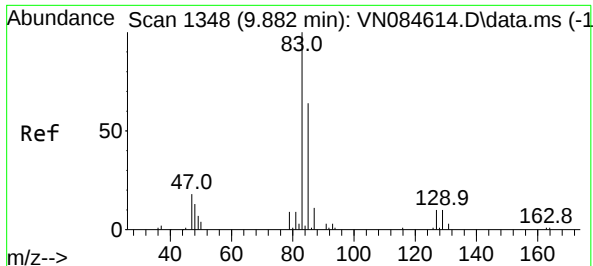
Ion Ratio Lower Upper

93 100

95 82.4 0.0 168.4

174 97.0 0.0 183.4

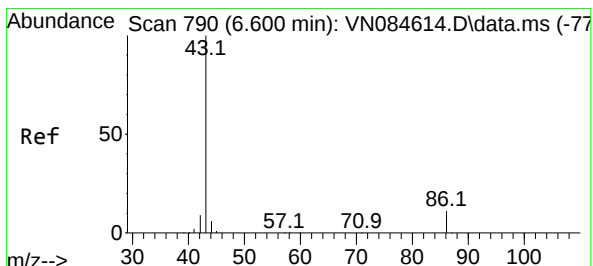
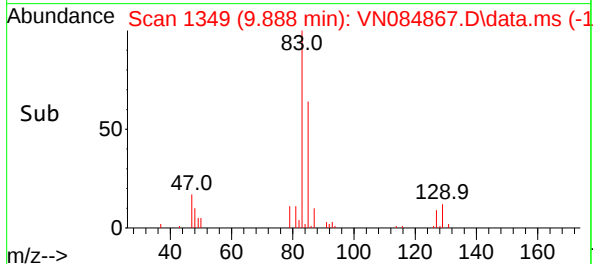
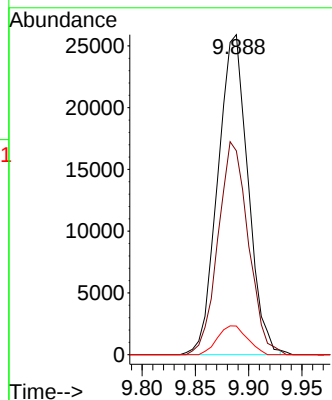
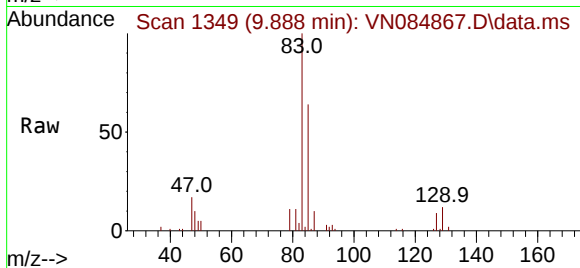




#41
Bromodichloromethane
Concen: 19.780 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

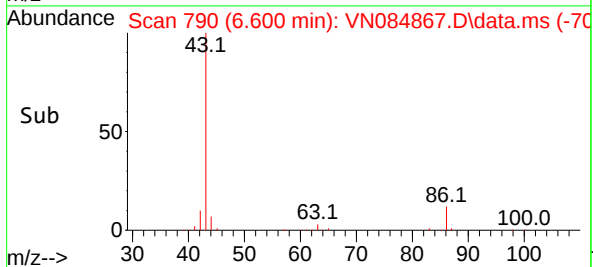
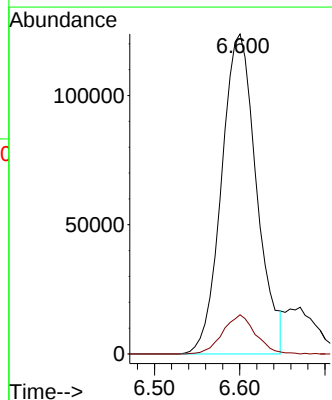
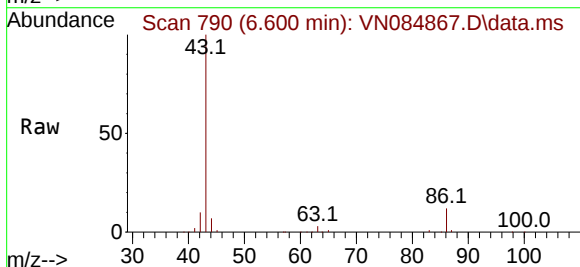
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

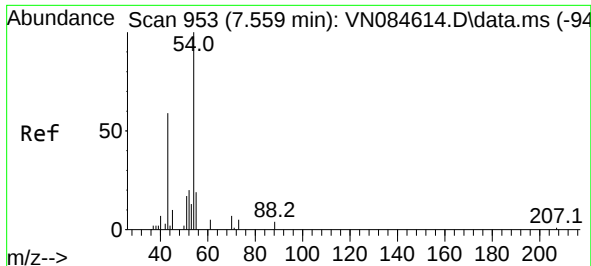
Tgt Ion: 83	Resp: 51091
Ion Ratio	Lower Upper
83 100	
85 63.7	51.0 76.6
127 8.9	7.8 11.6



#42
Vinyl Acetate
Concen: 94.802 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 43	Resp: 353820
Ion Ratio	Lower Upper
43 100	
86 11.5	8.6 13.0

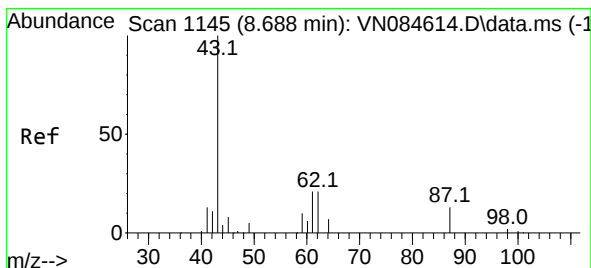
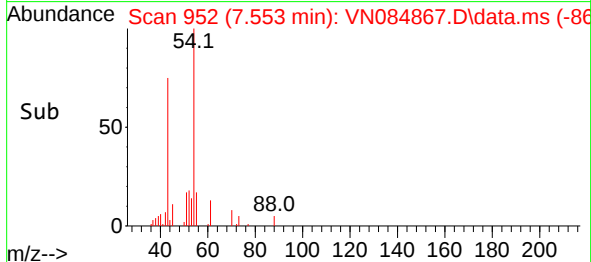
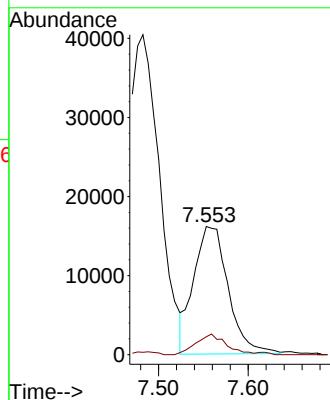
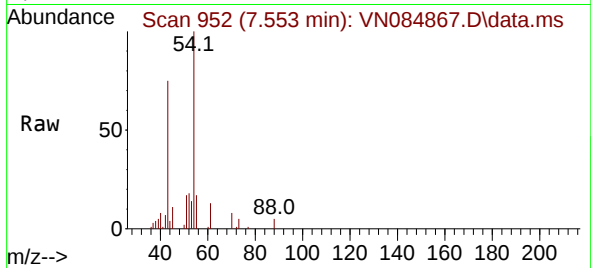




#43
Ethyl Acetate
Concen: 20.598 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

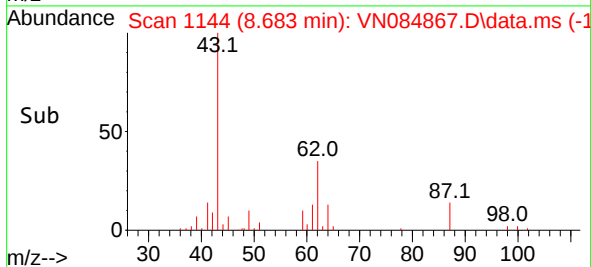
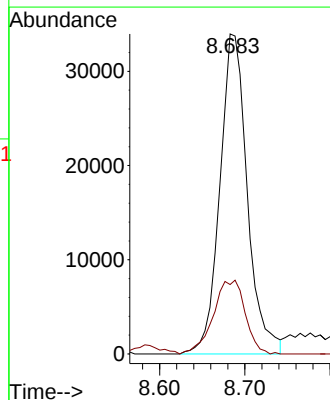
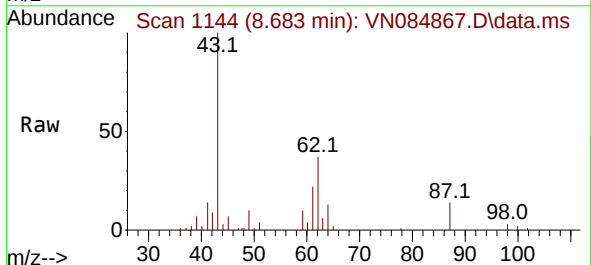
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

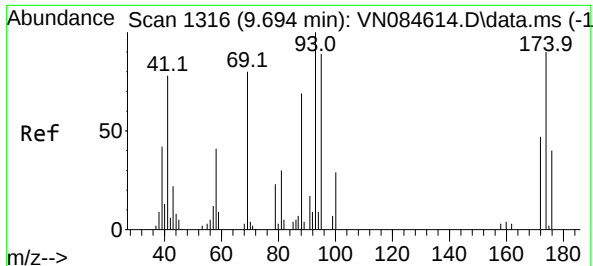
Tgt Ion: 43 Resp: 43215
Ion Ratio Lower Upper
43 100
45 14.0 11.0 16.4



#44
Isopropyl Acetate
Concen: 17.924 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 43 Resp: 76147
Ion Ratio Lower Upper
43 100
61 26.7 19.8 29.8

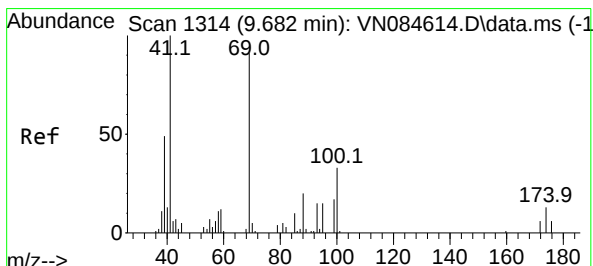
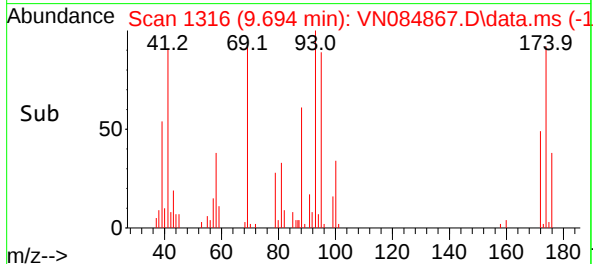
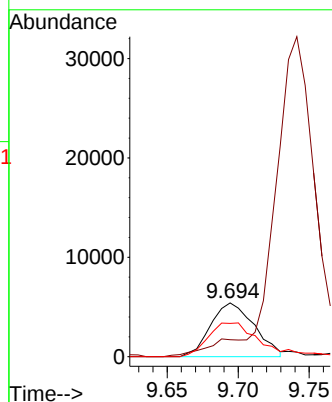
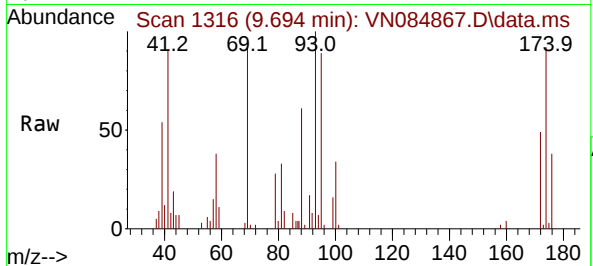




#45
1,4-Dioxane
Concen: 408.313 ug/l
RT: 9.694 min Scan# 11581
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

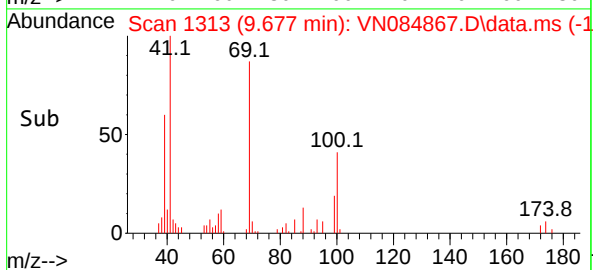
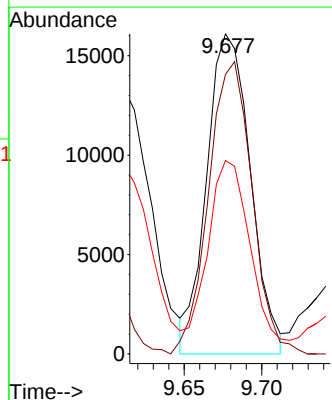
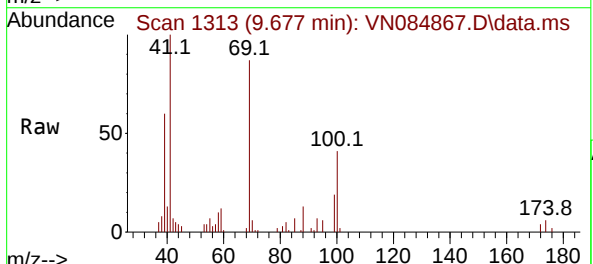
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

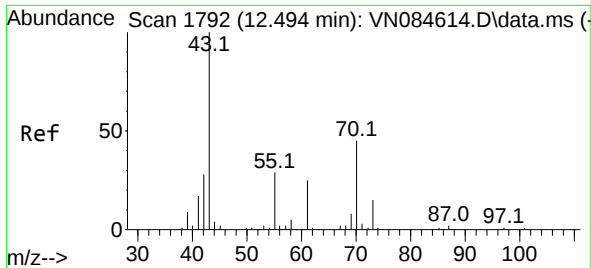
Tgt Ion: 88 Resp: 11581
Ion Ratio Lower Upper
88 100
43 26.1 20.8 31.2
58 68.5 53.4 80.2



#46
Methyl methacrylate
Concen: 18.508 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 41 Resp: 31598
Ion Ratio Lower Upper
41 100
69 89.3 43.4 130.2
39 59.5 24.7 74.1

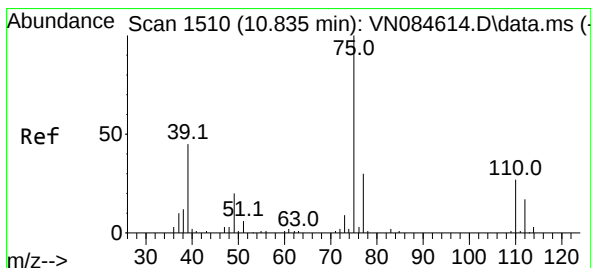
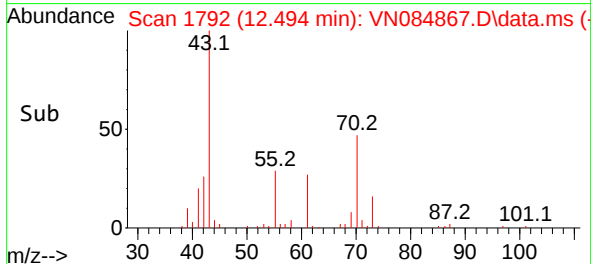
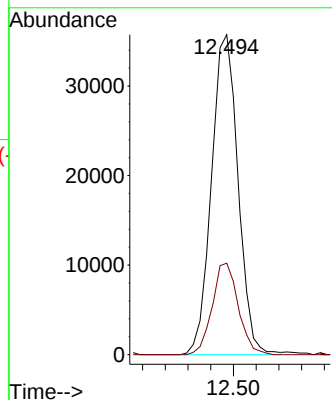
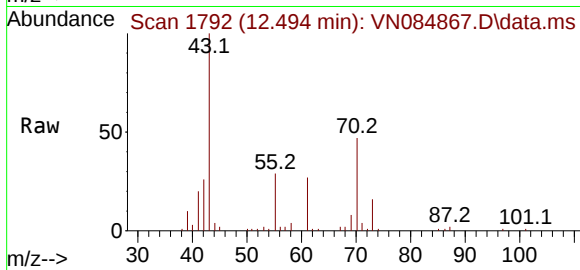




#47
n-amyl acetate
Concen: 18.279 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

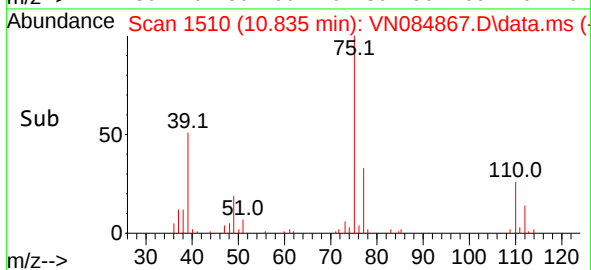
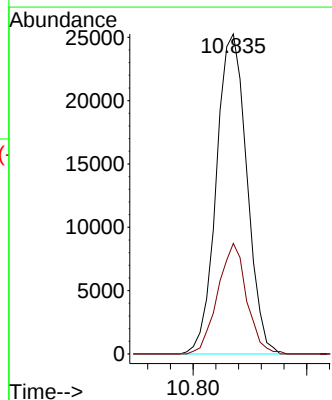
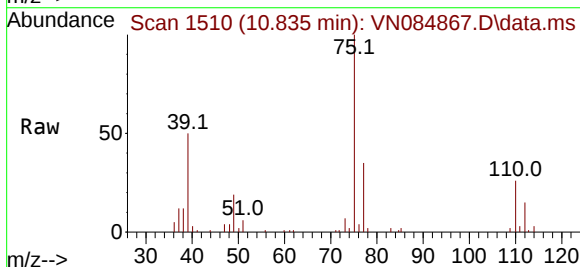
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

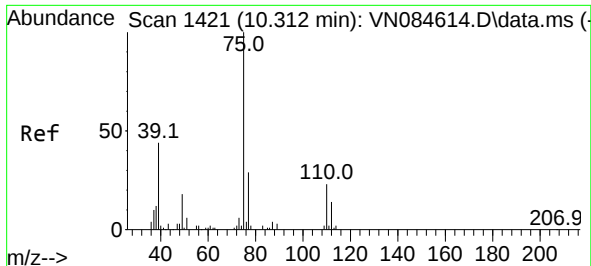
Tgt Ion: 43 Resp: 57999
Ion Ratio Lower Upper
43 100
55 28.0 22.0 33.0



#48
t-1,3-Dichloropropene
Concen: 18.453 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 75 Resp: 47064
Ion Ratio Lower Upper
75 100
77 34.5 24.4 36.6

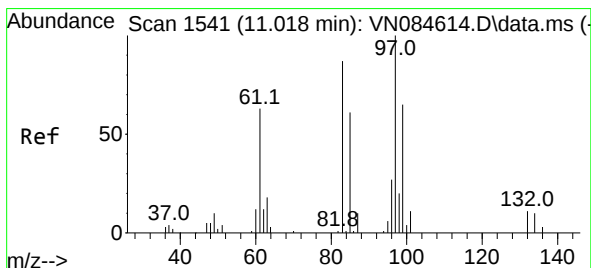
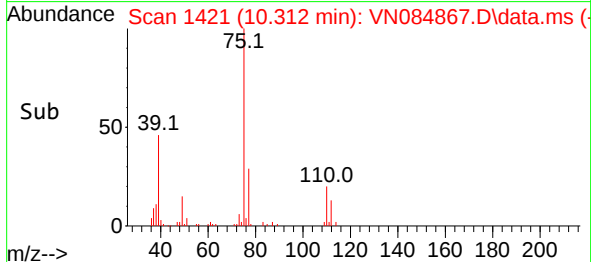
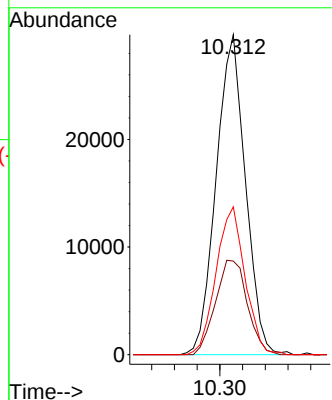
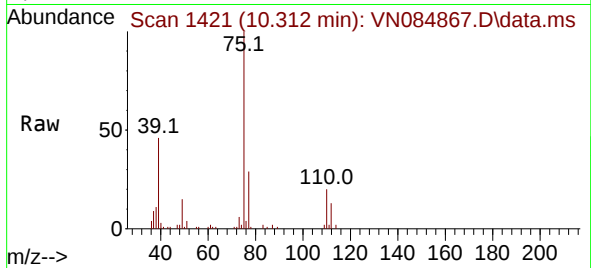




#49
cis-1,3-Dichloropropene
Concen: 19.425 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

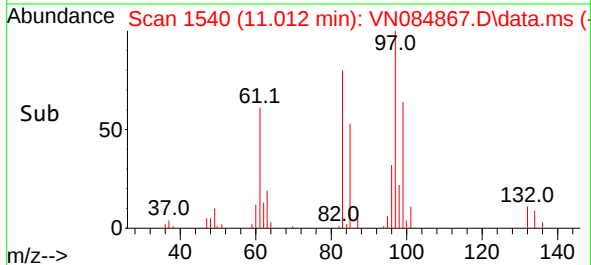
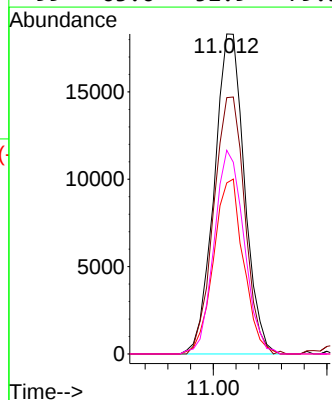
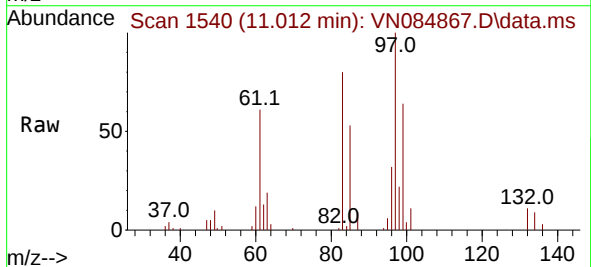
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

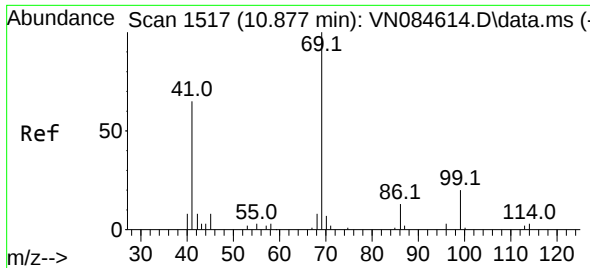
Tgt Ion:	75	Resp:	53099
Ion Ratio	Lower	Upper	
75	100		
77	29.3	23.4	35.2
39	46.2	35.4	53.2



#50
1,1,2-Trichloroethane
Concen: 20.943 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion:	97	Resp:	33847
Ion Ratio	Lower	Upper	
97	100		
83	80.1	69.8	104.8
85	53.4	48.6	73.0
99	63.6	52.9	79.3

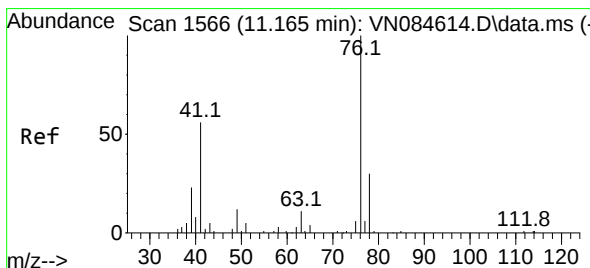
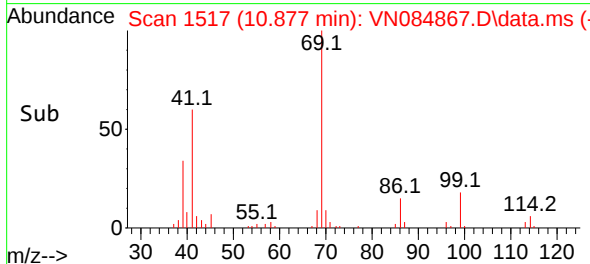
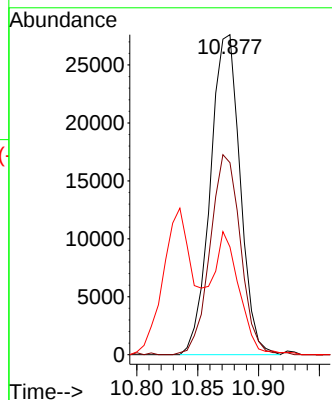
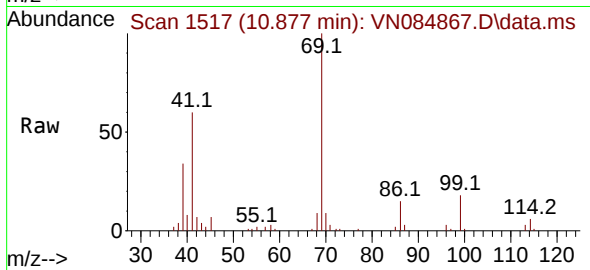




#51
Ethyl methacrylate
Concen: 18.869 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

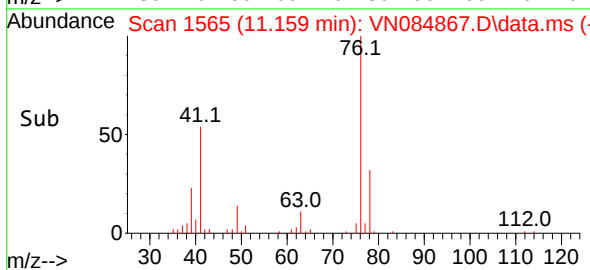
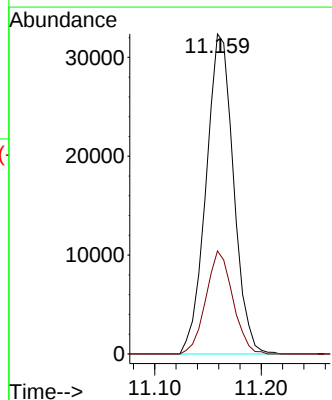
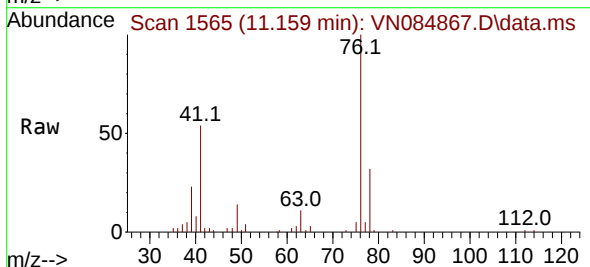
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

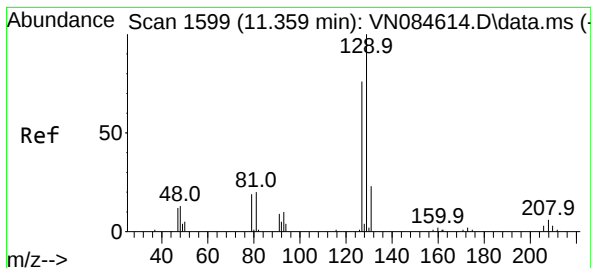
Tgt Ion:	69	Resp:	47007
Ion Ratio	Lower	Upper	
69	100		
41	59.4	32.8	98.3
39	33.1	15.4	46.1



#52
1,3-Dichloropropane
Concen: 20.674 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion:	76	Resp:	57997
Ion Ratio	Lower	Upper	
76	100		
78	31.4	0.0	64.0





#53

Dibromochloromethane

Concen: 20.855 ug/l

RT: 11.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

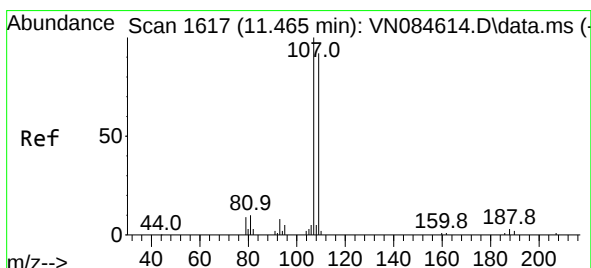
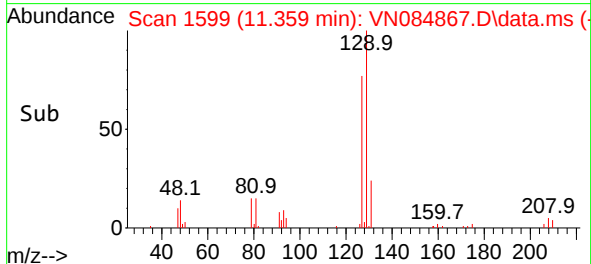
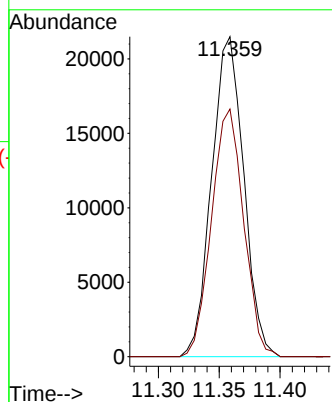
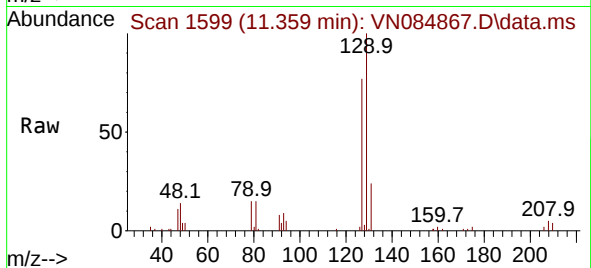
VSTDCCC020

Tgt Ion:129 Resp: 39443

Ion Ratio Lower Upper

129 100

127 77.3 39.6 119.0



#54

1,2-Dibromoethane

Concen: 21.029 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN084867.D

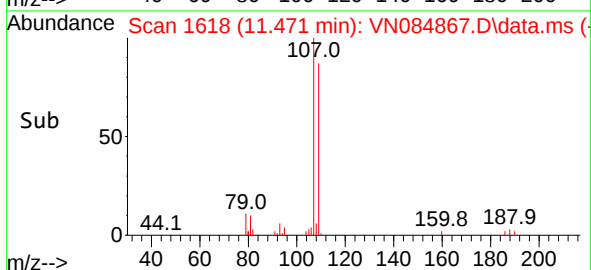
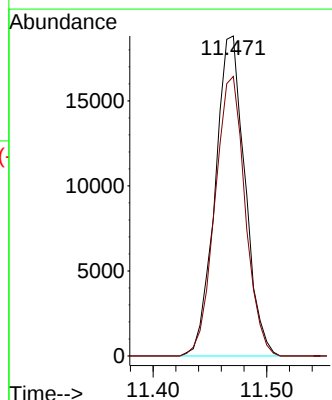
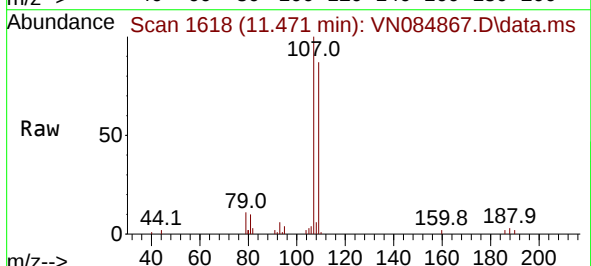
Acq: 15 Nov 2024 13:49

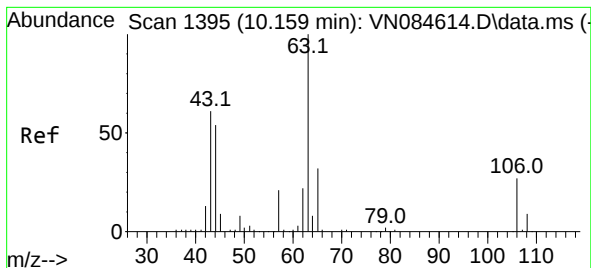
Tgt Ion:107 Resp: 34374

Ion Ratio Lower Upper

107 100

109 88.4 73.4 110.0

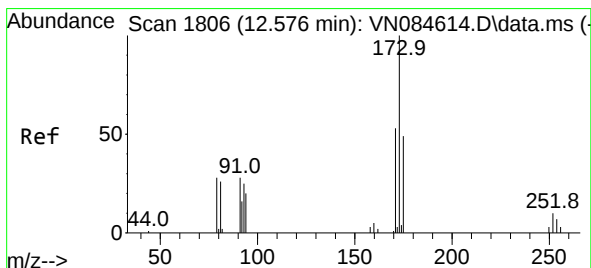
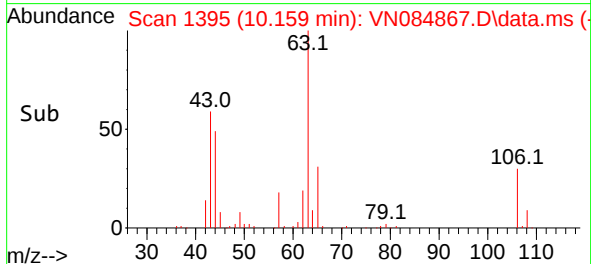
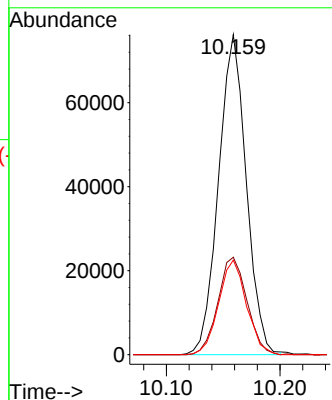
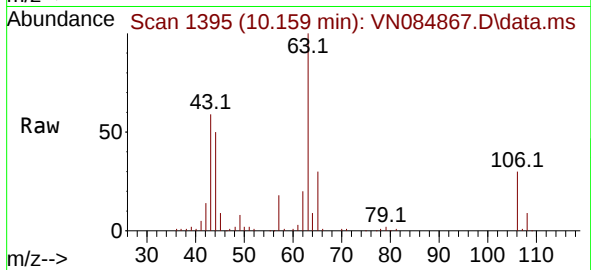




#55
2-Chloroethyl vinyl ether
Concen: 105.755 ug/l
RT: 10.159 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

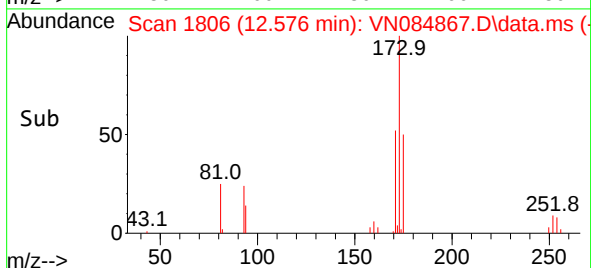
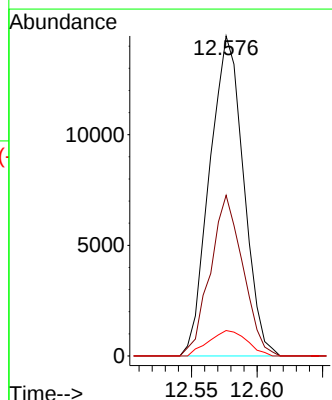
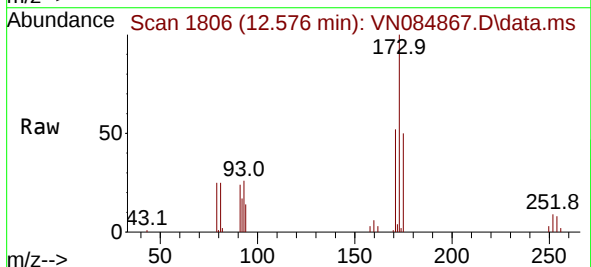
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

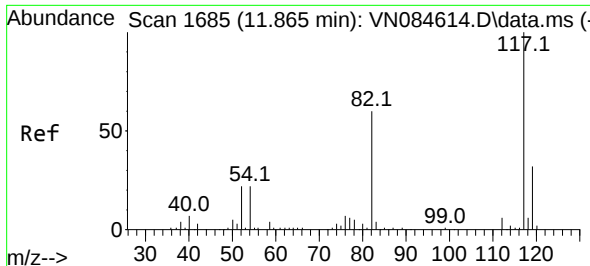
Tgt Ion: 63 Resp: 129165
Ion Ratio Lower Upper
63 100
65 31.8 25.5 38.3
106 29.6 22.3 33.5



#56
Bromoform
Concen: 20.524 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 173 Resp: 26019
Ion Ratio Lower Upper
173 100
175 48.3 39.4 59.2
254 9.0 6.4 9.6

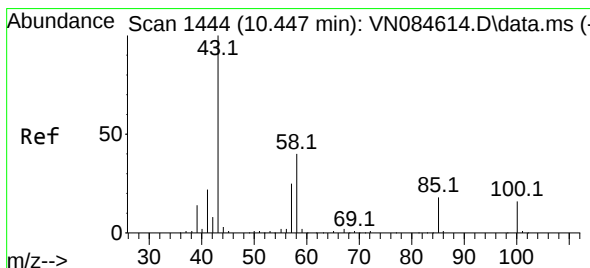
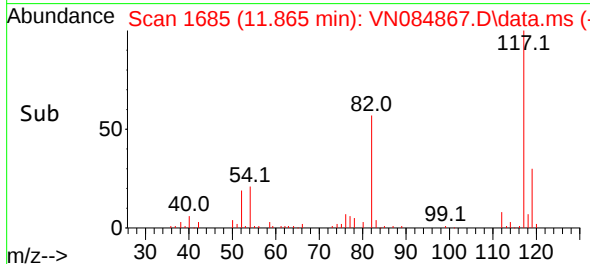
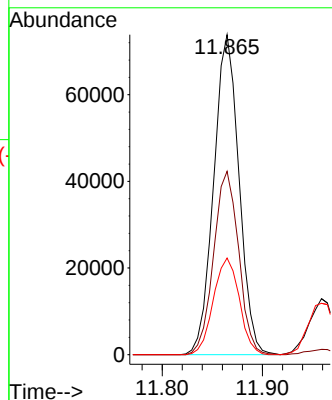
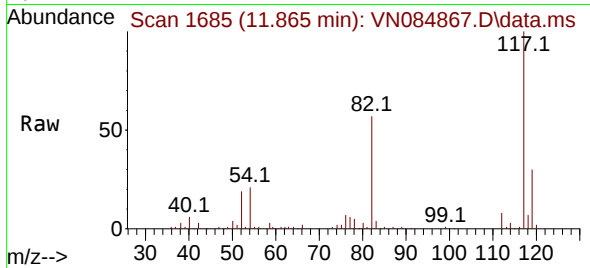




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

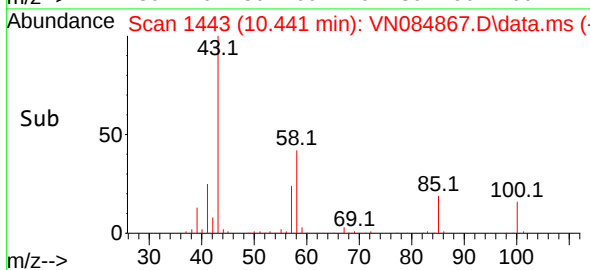
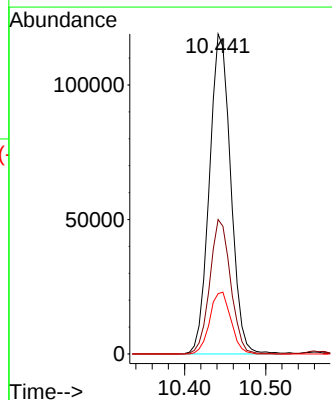
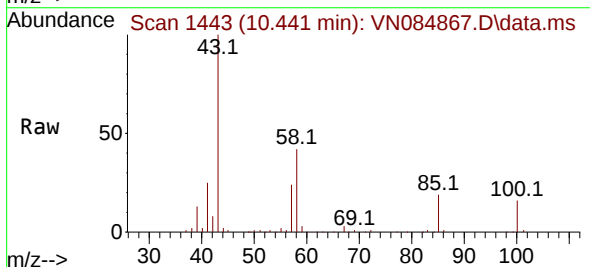
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

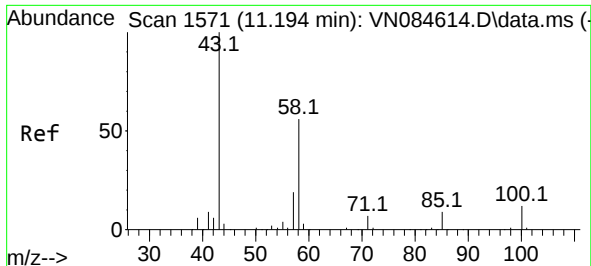
Tgt Ion:117 Resp: 129619
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 30.9 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 106.208 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 43 Resp: 217184
Ion Ratio Lower Upper
43 100
58 41.0 31.2 46.8
85 19.2 14.9 22.3

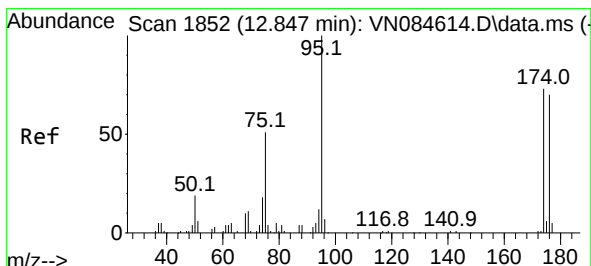
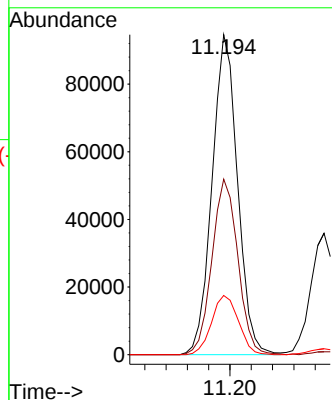
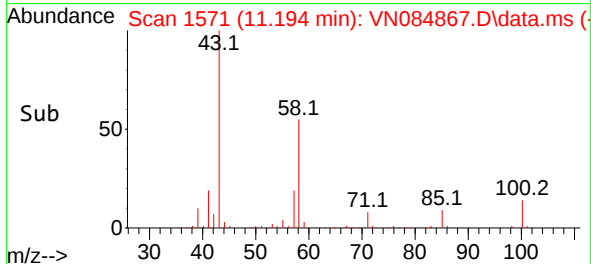
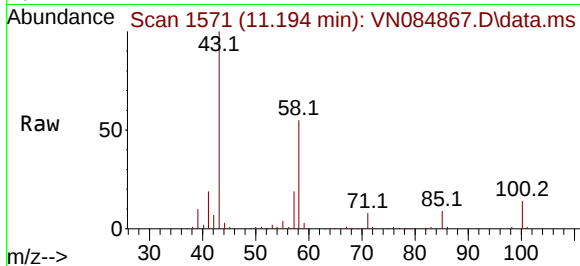




#59
2-Hexanone
Concen: 104.883 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

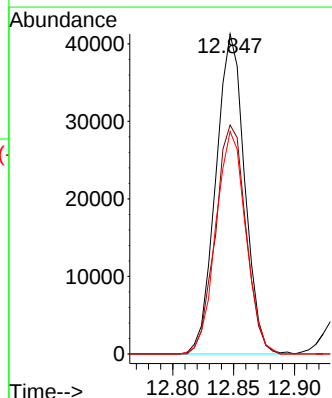
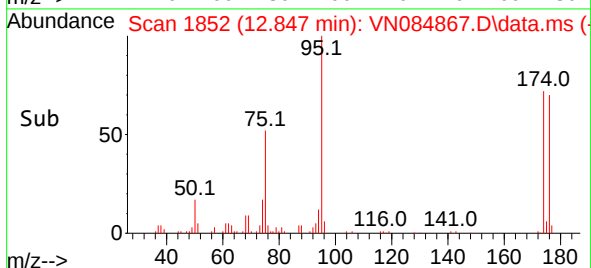
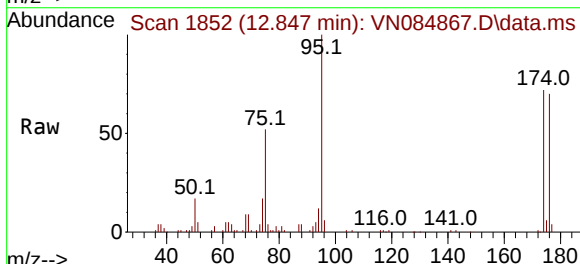
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

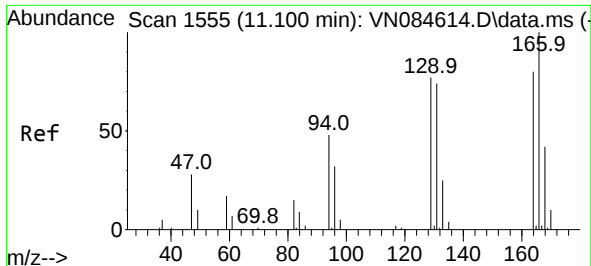
Tgt Ion:	43	Resp:	157051
Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.8	65.6
57	19.5	15.0	22.6



#60
4-Bromofluorobenzene
Concen: 30.459 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion:	95	Resp:	67980
Ion	Ratio	Lower	Upper
95	100		
174	75.3	59.6	89.4
176	72.5	58.6	88.0

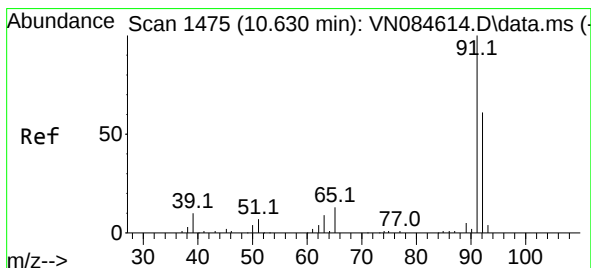
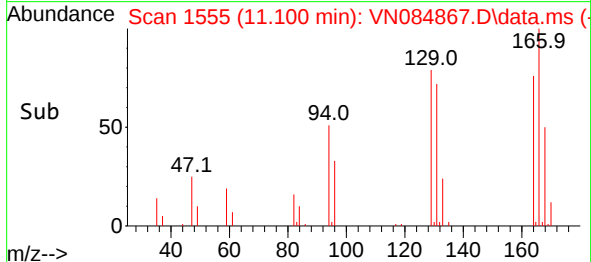
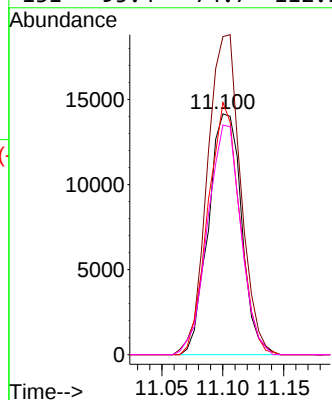
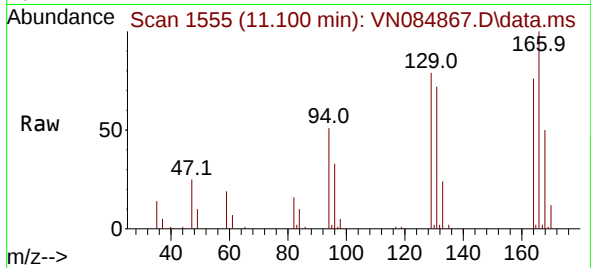




#61
Tetrachloroethene
Concen: 19.746 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

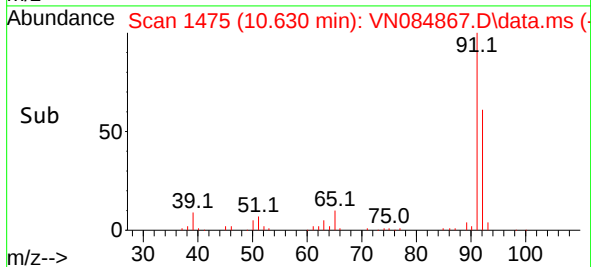
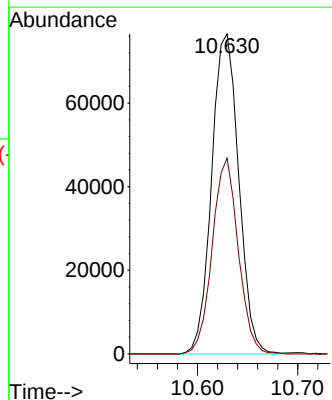
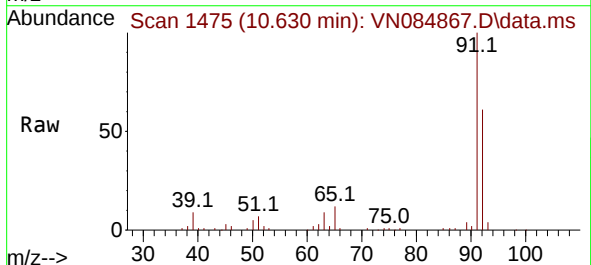
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

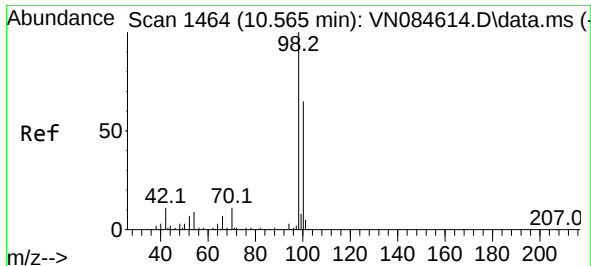
Tgt Ion:164 Resp: 26787
Ion Ratio Lower Upper
164 100
166 132.1 100.5 150.7
129 104.8 77.7 116.5
131 95.4 74.7 112.1



#62
Toluene
Concen: 19.481 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 91 Resp: 143824
Ion Ratio Lower Upper
91 100
92 58.6 47.5 71.3

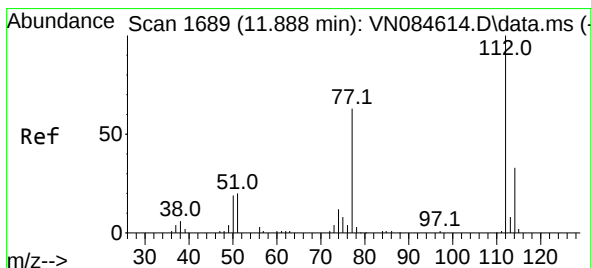
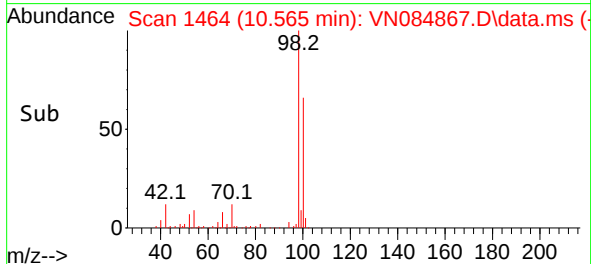
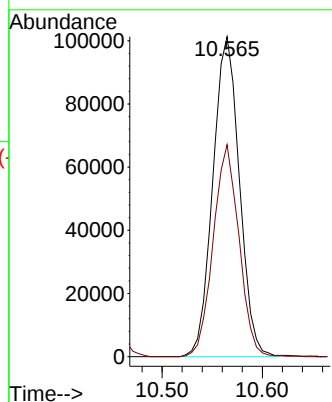
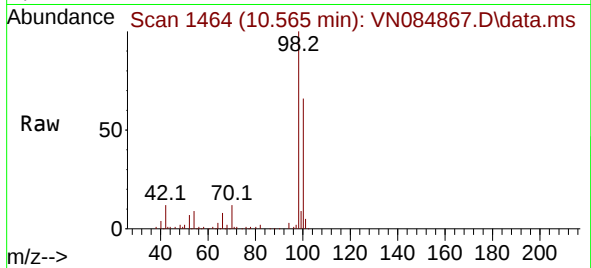




#63
Toluene-d8
Concen: 30.371 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

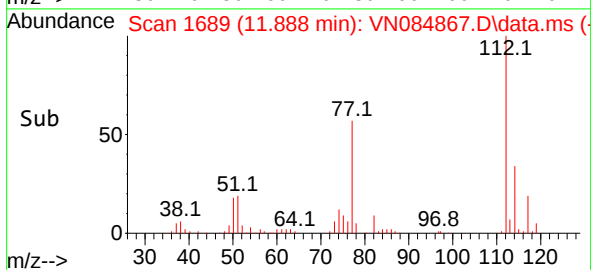
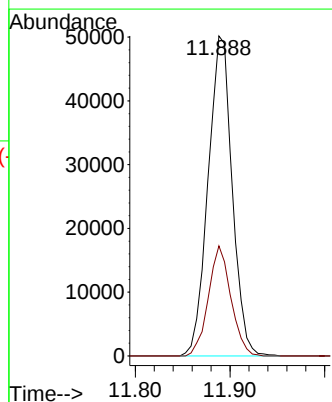
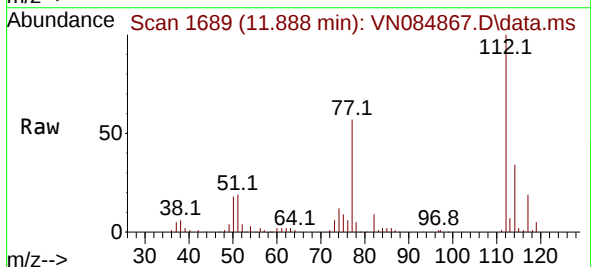
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

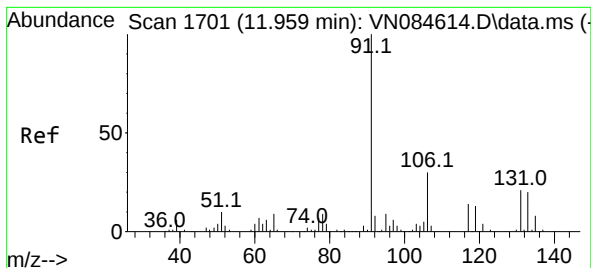
Tgt Ion: 98 Resp: 186361
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#64
Chlorobenzene
Concen: 19.855 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 112 Resp: 88491
Ion Ratio Lower Upper
112 100
114 34.4 26.2 39.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.682 ug/l

RT: 11.959 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

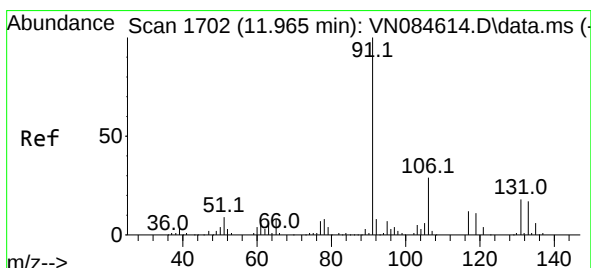
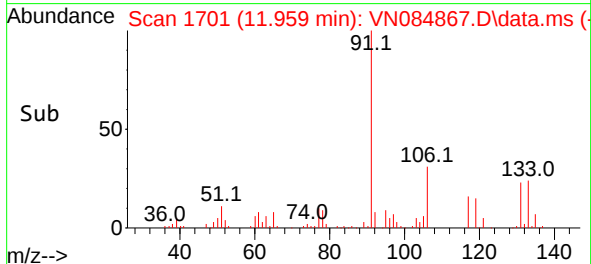
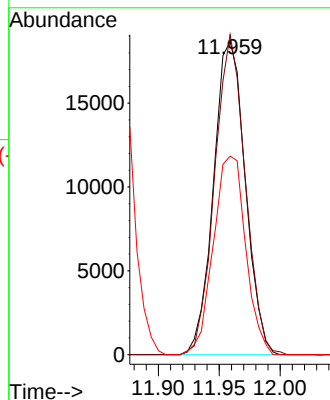
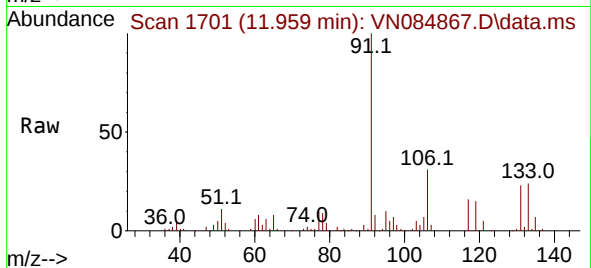
Tgt Ion:131 Resp: 33876

Ion Ratio Lower Upper

131 100

133 98.0 0.0 189.2

119 64.5 0.0 129.4



#66

Ethyl Benzene

Concen: 18.144 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN084867.D

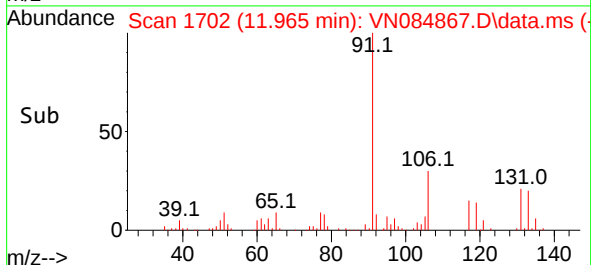
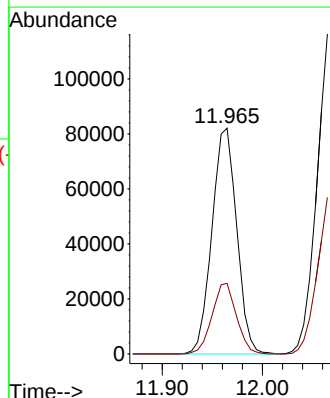
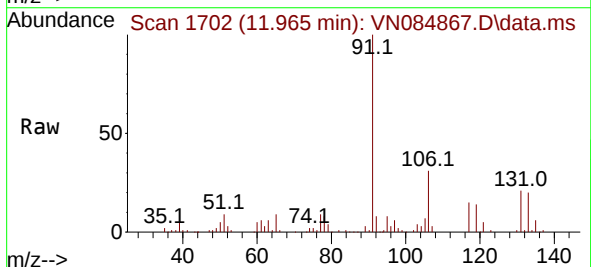
Acq: 15 Nov 2024 13:49

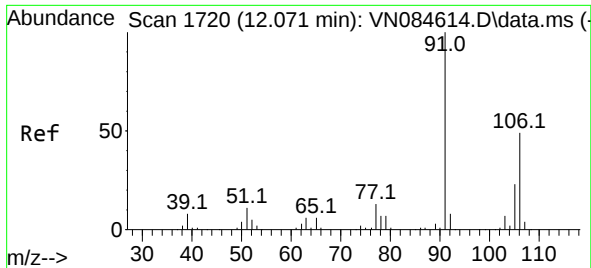
Tgt Ion: 91 Resp: 140773

Ion Ratio Lower Upper

91 100

106 31.3 22.9 34.3

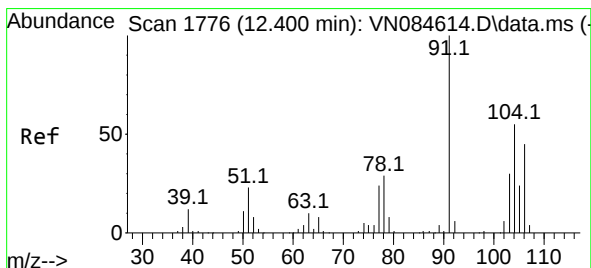
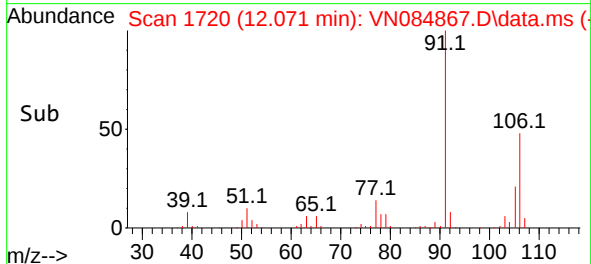
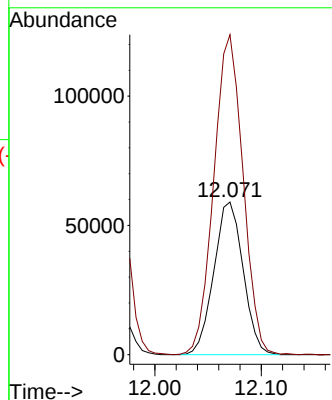
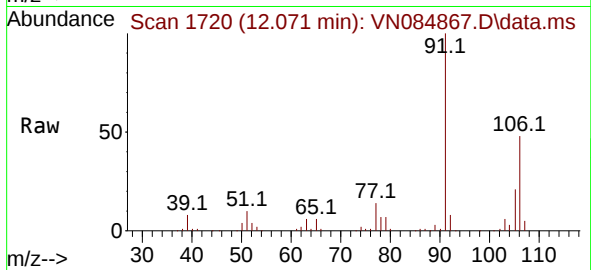




#67
m/p-Xylenes
Concen: 37.941 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

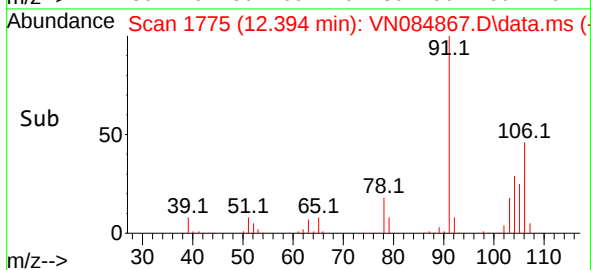
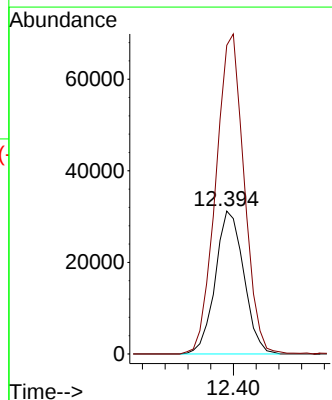
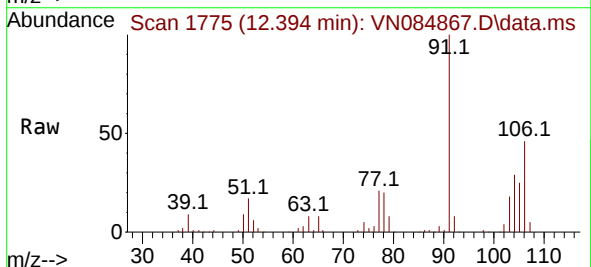
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

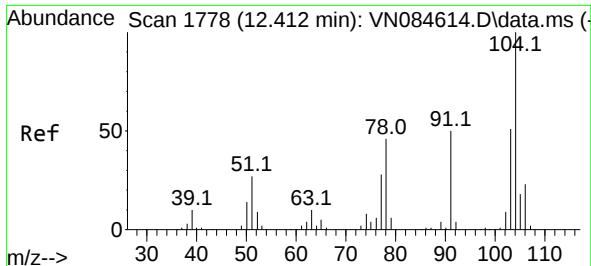
Tgt Ion:106 Resp: 112700
Ion Ratio Lower Upper
106 100
91 209.2 168.1 252.1



#68
o-Xylene
Concen: 18.962 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion:106 Resp: 54333
Ion Ratio Lower Upper
106 100
91 222.7 107.7 322.9

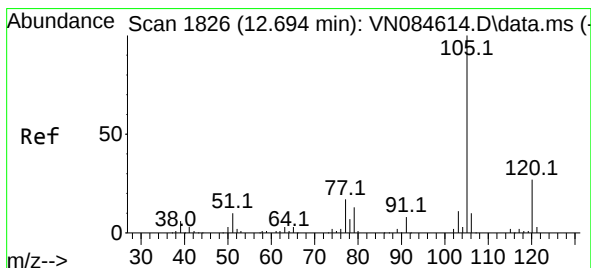
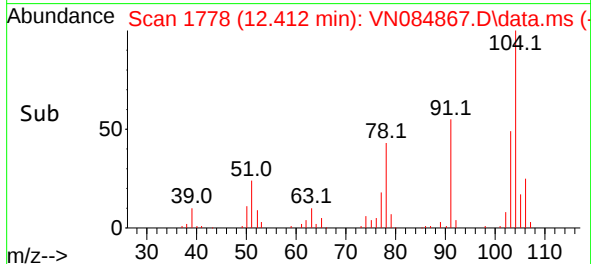
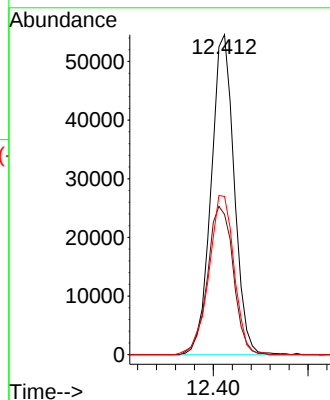
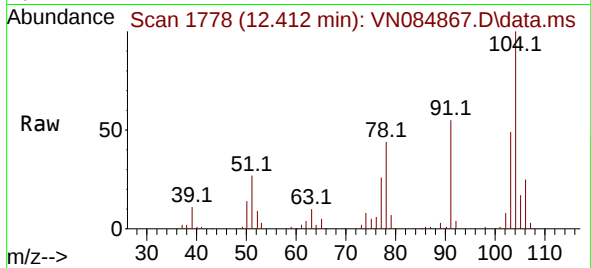




#69
Styrene
Concen: 19.206 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

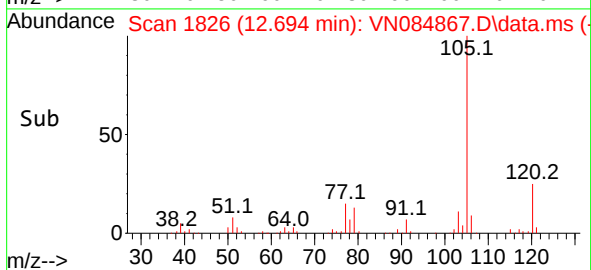
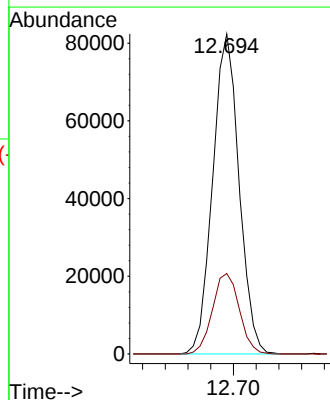
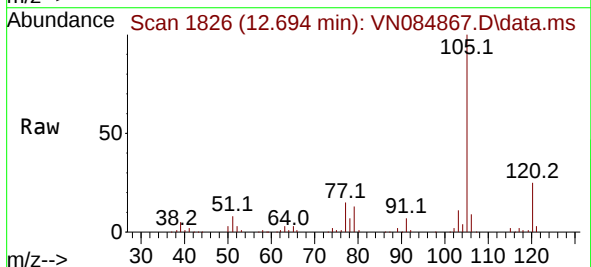
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

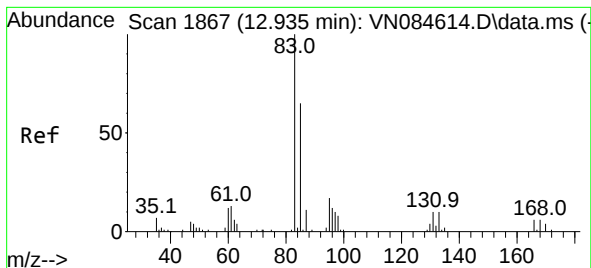
Tgt Ion:104 Resp: 92272
Ion Ratio Lower Upper
104 100
78 51.8 41.5 62.3
103 54.4 44.6 67.0



#70
Isopropylbenzene
Concen: 18.649 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion:105 Resp: 132744
Ion Ratio Lower Upper
105 100
120 25.6 18.7 34.7

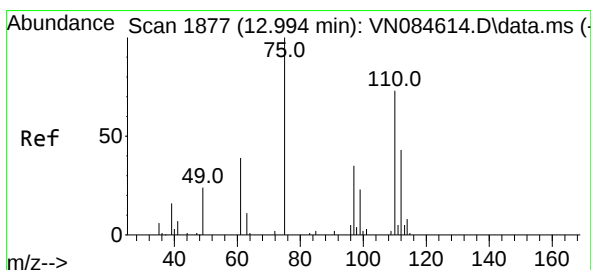
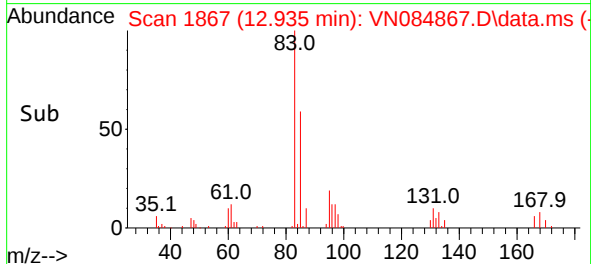
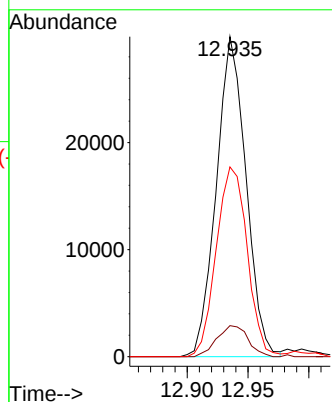
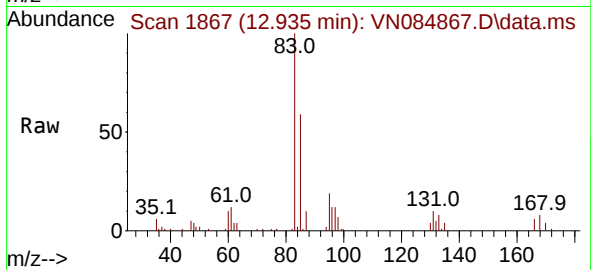




#71
1,1,2,2-Tetrachloroethane
Concen: 22.003 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

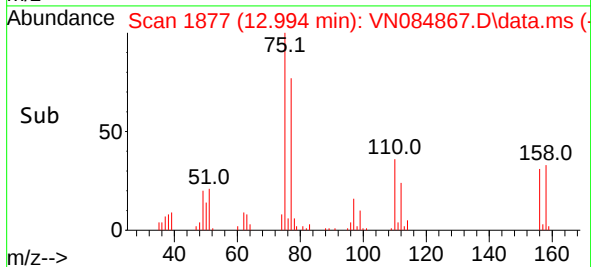
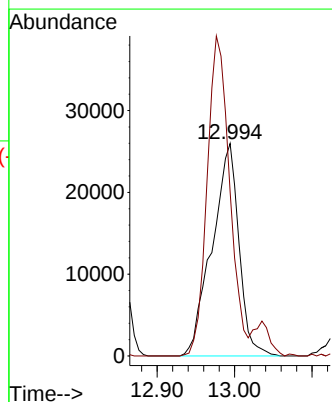
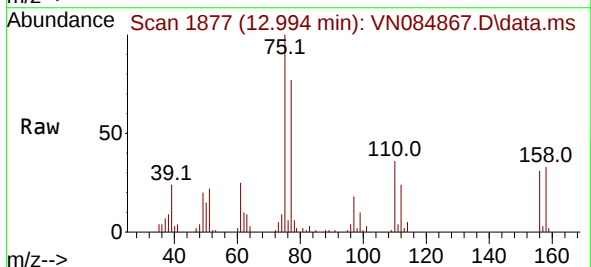
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

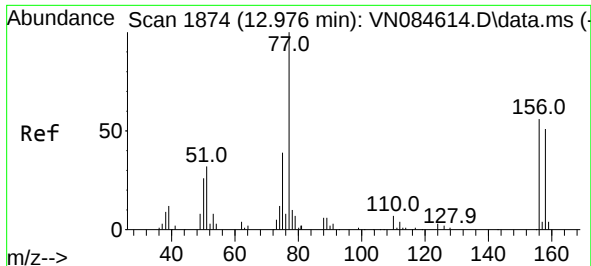
Tgt Ion: 83 Resp: 50764
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 61.7 33.3 99.9



#72
1,2,3-Trichloropropane
Concen: 31.843 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 75 Resp: 62731
Ion Ratio Lower Upper
75 100
77 125.6 0.0 358.4

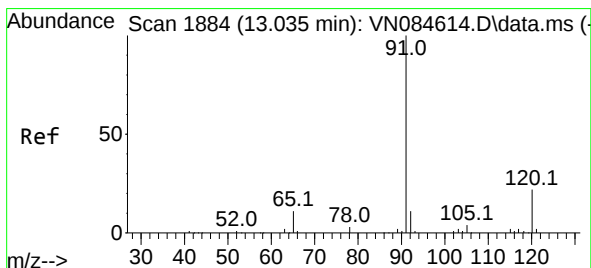
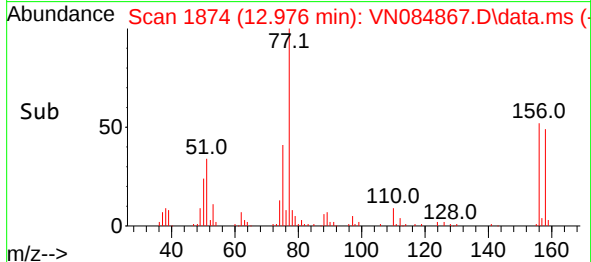
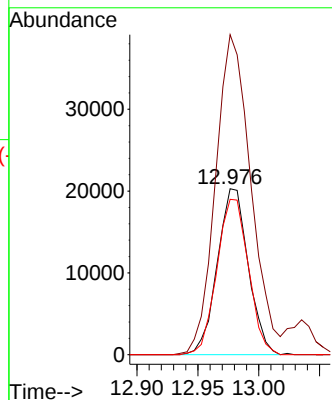
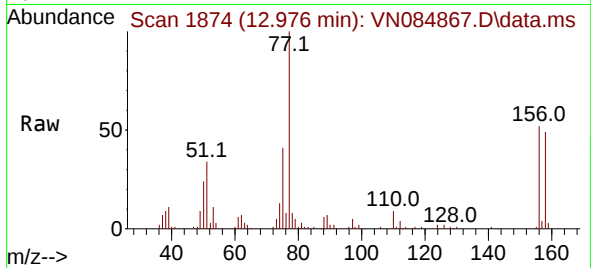




#73
Bromobenzene
Concen: 19.545 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

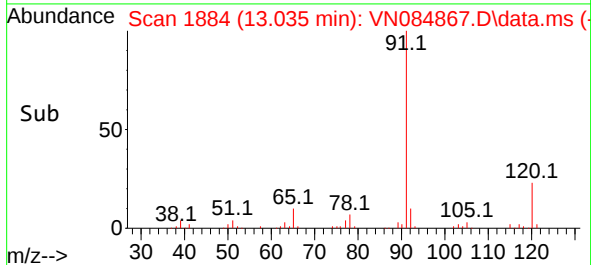
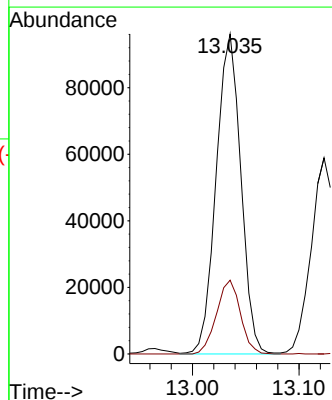
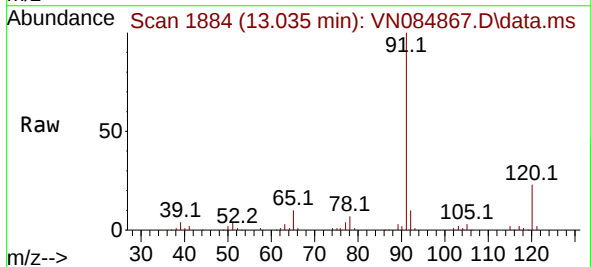
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

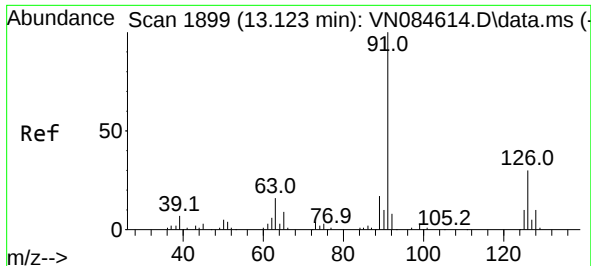
Tgt Ion:156 Resp: 35881
Ion Ratio Lower Upper
156 100
77 219.6 0.0 427.6
158 95.4 0.0 191.6



#74
n-propylbenzene
Concen: 18.570 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 91 Resp: 154569
Ion Ratio Lower Upper
91 100
120 22.2 0.0 44.0

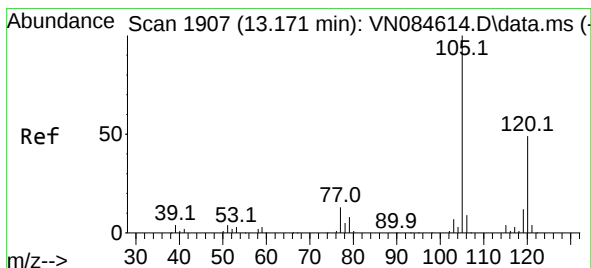
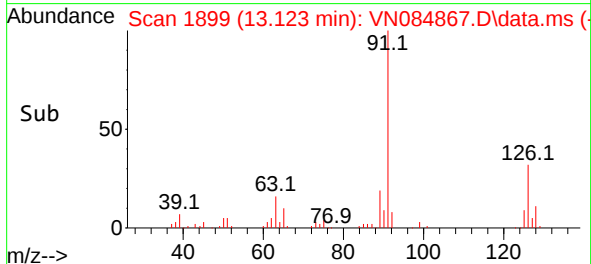
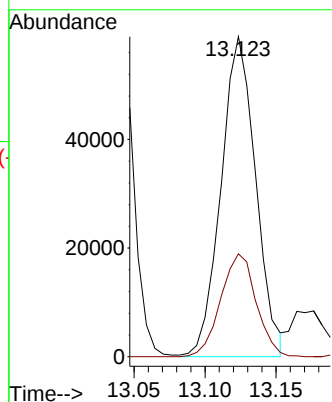
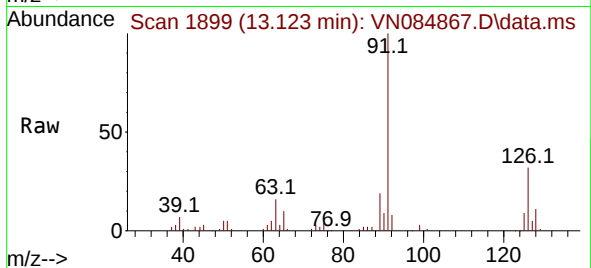




#75
2-Chlorotoluene
Concen: 18.470 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

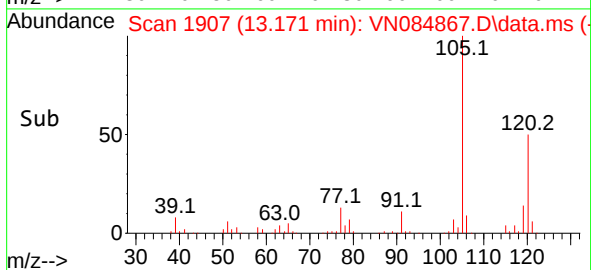
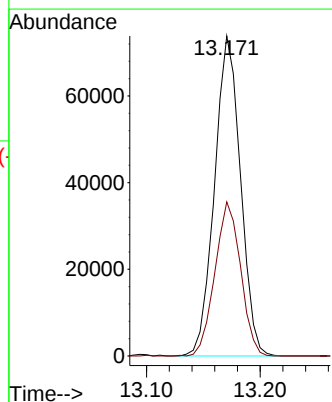
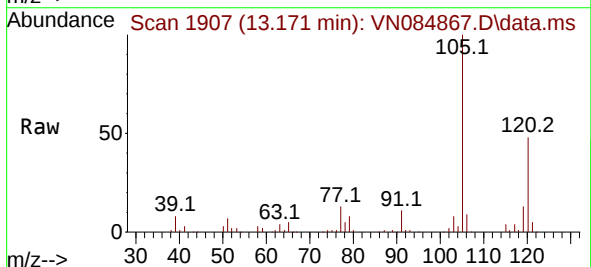
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

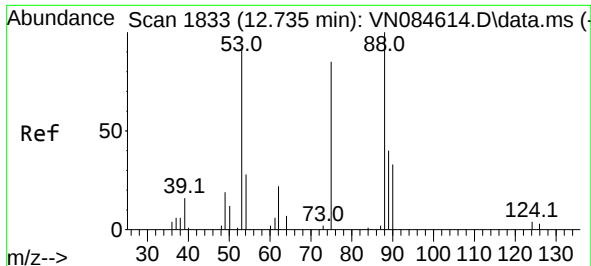
Tgt Ion: 91 Resp: 100115
Ion Ratio Lower Upper
91 100
126 32.8 0.0 60.8



#76
1,3,5-Trimethylbenzene
Concen: 19.266 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 105 Resp: 117170
Ion Ratio Lower Upper
105 100
120 47.6 0.0 96.8

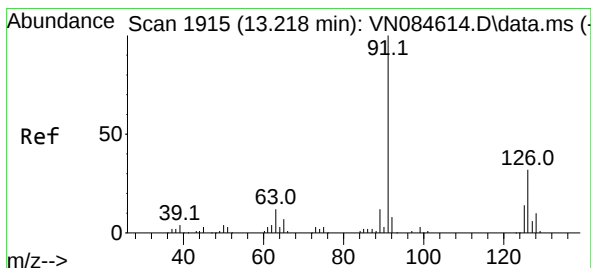
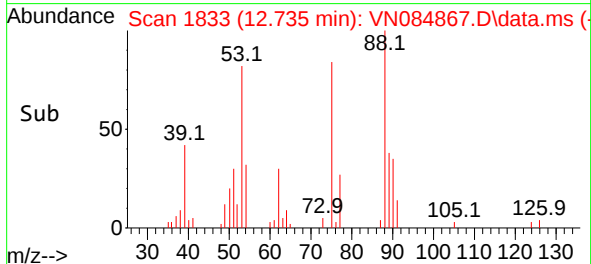
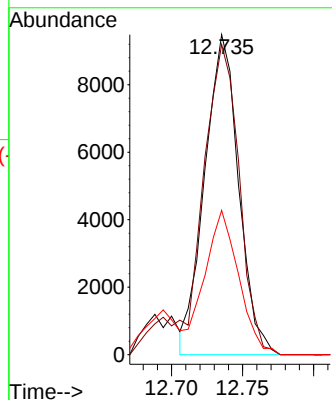
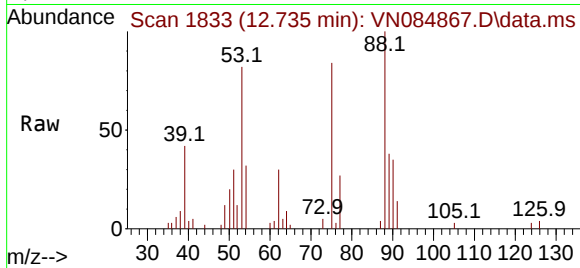




#77
t-1,4-Dichloro-2-butene
Concen: 19.504 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

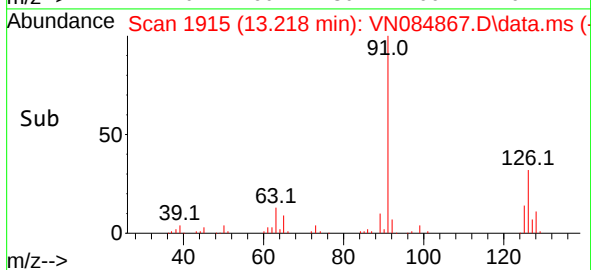
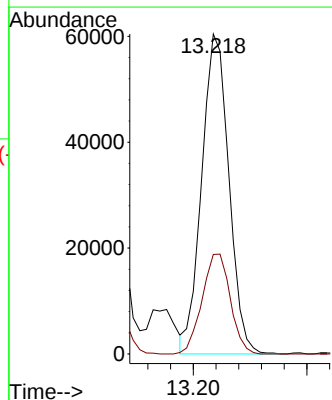
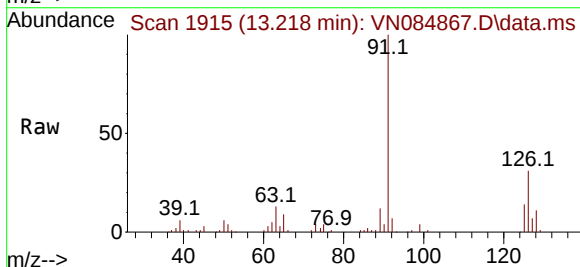
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

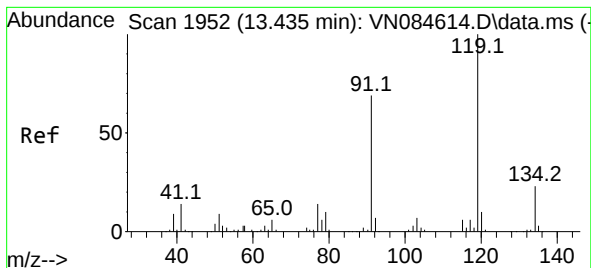
Tgt Ion: 75 Resp: 15759
Ion Ratio Lower Upper
75 100
53 97.0 52.4 157.2
89 45.1 26.0 78.0



#78
4-Chlorotoluene
Concen: 18.342 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion: 91 Resp: 100452
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.4





#79

tert-butylbenzene

Concen: 18.630 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

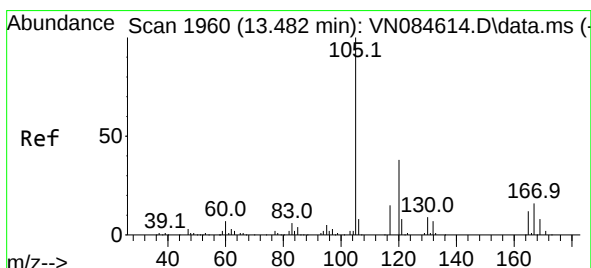
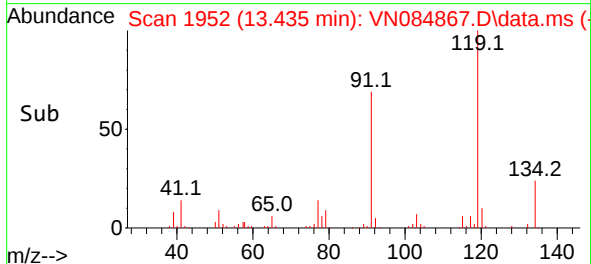
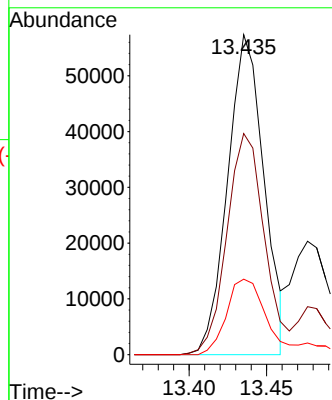
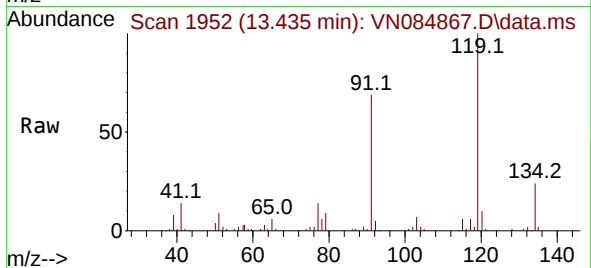
Tgt Ion:119 Resp: 93698

Ion Ratio Lower Upper

119 100

91 71.5 0.0 143.2

134 25.6 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 19.231 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084867.D

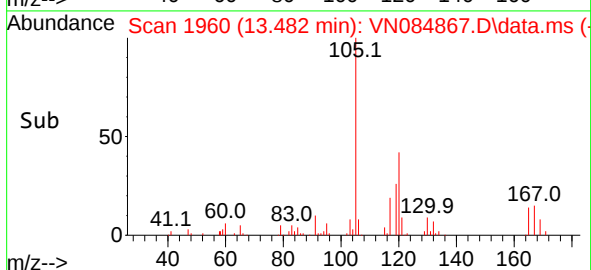
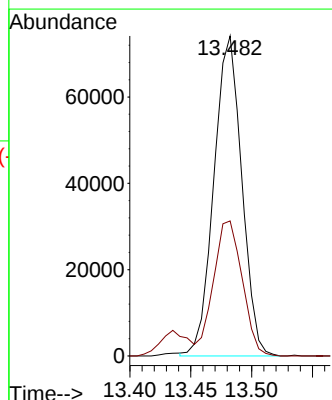
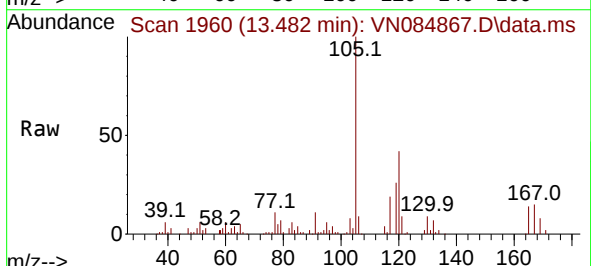
Acq: 15 Nov 2024 13:49

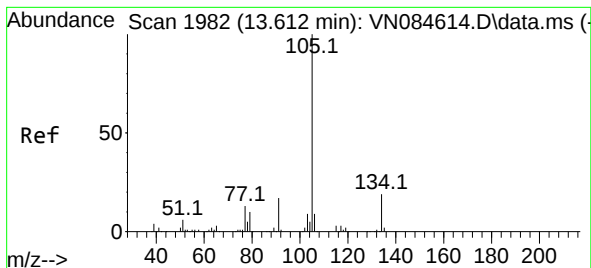
Tgt Ion:105 Resp: 117990

Ion Ratio Lower Upper

105 100

120 43.7 0.0 90.4





#81

sec-Butylbenzene

Concen: 18.262 ug/l

RT: 13.618 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

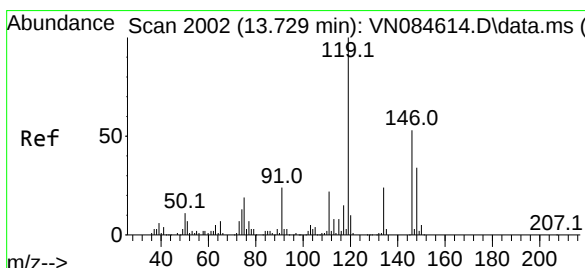
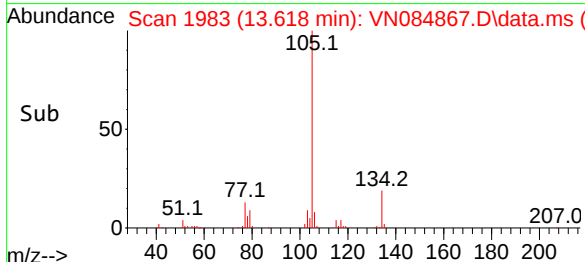
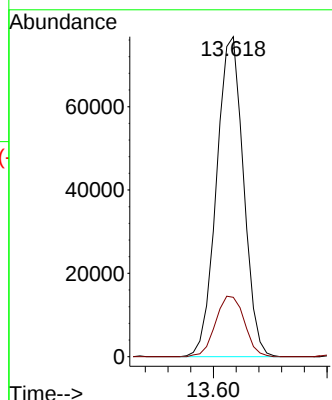
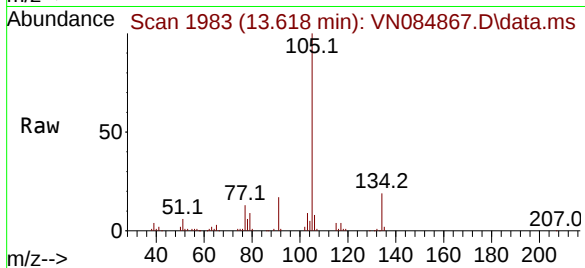
VSTDCCC020

Tgt Ion:105 Resp: 126560

Ion Ratio Lower Upper

105 100

134 20.2 0.0 39.0



#82

p-Isopropyltoluene

Concen: 18.229 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

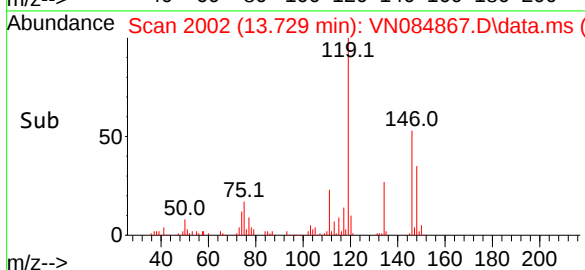
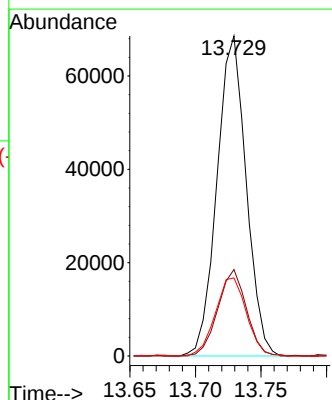
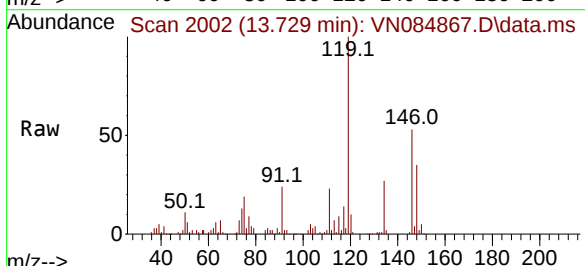
Tgt Ion:119 Resp: 106151

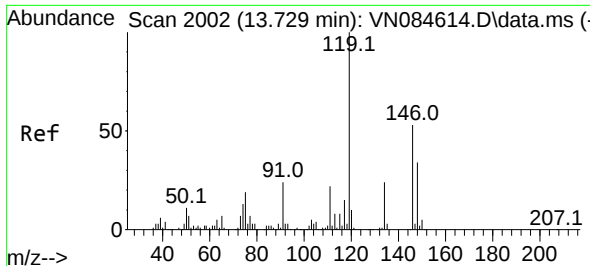
Ion Ratio Lower Upper

119 100

134 26.4 0.0 51.4

91 25.9 0.0 50.4

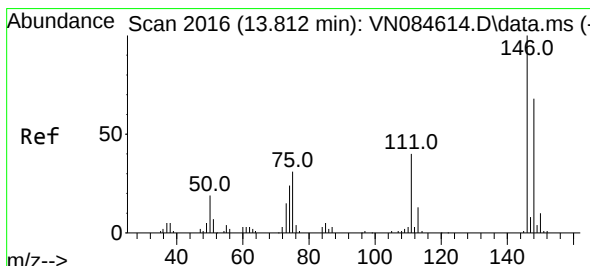
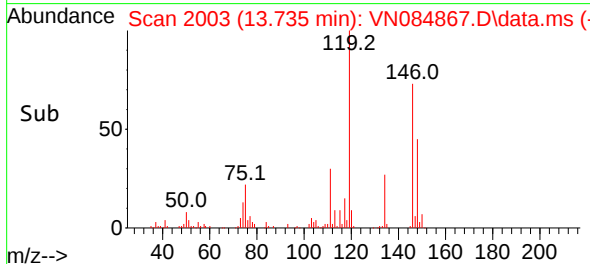
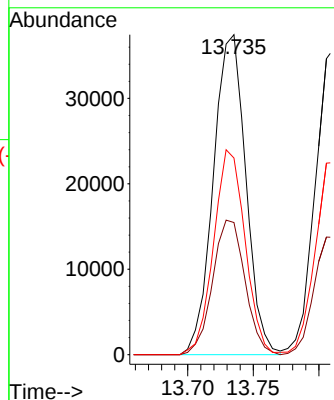
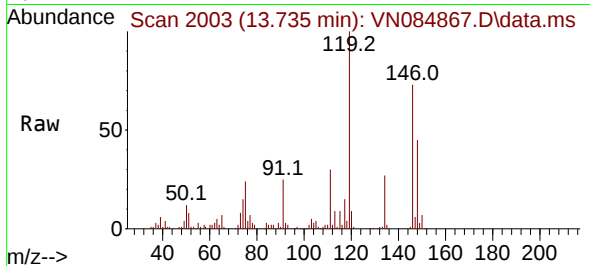




#83
1,3-Dichlorobenzene
Concen: 19.031 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

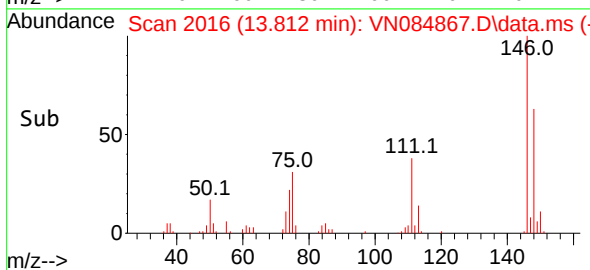
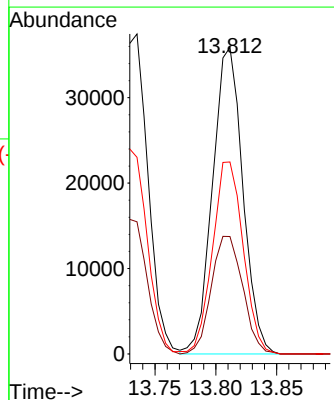
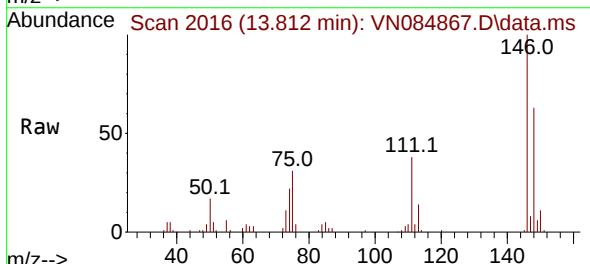
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

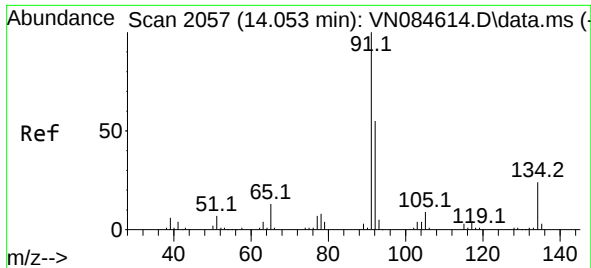
Tgt Ion:146 Resp: 64615
Ion Ratio Lower Upper
146 100
111 41.9 21.0 63.0
148 61.8 31.3 93.8



#84
1,4-Dichlorobenzene
Concen: 18.520 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion:146 Resp: 62132
Ion Ratio Lower Upper
146 100
111 39.8 20.2 60.5
148 63.8 32.6 98.0

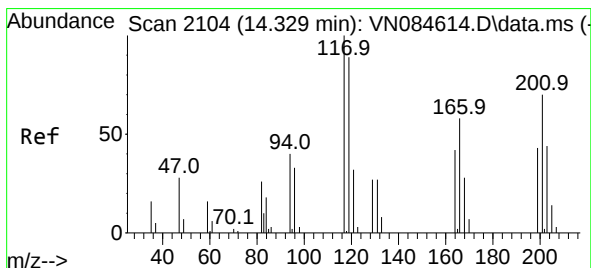
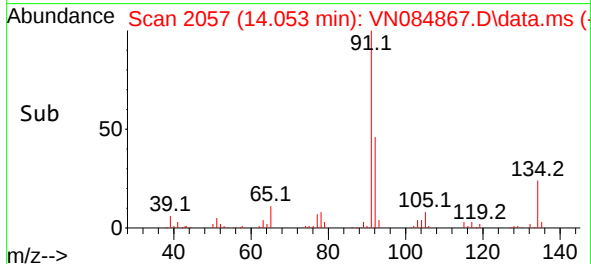
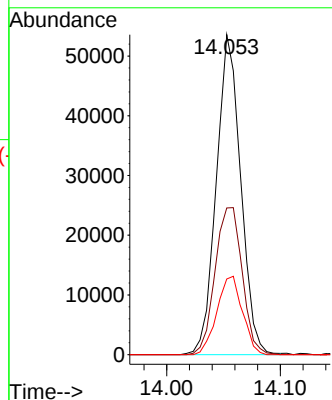
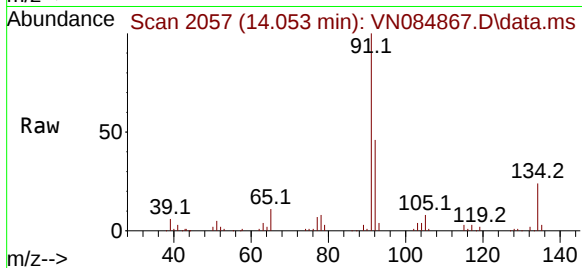




#85
n-Butylbenzene
Concen: 16.355 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

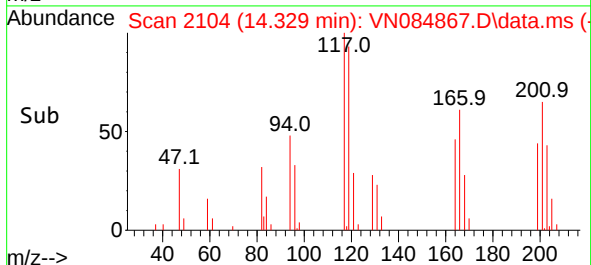
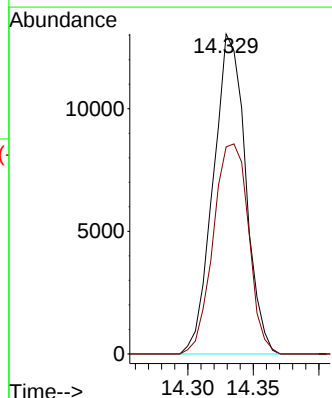
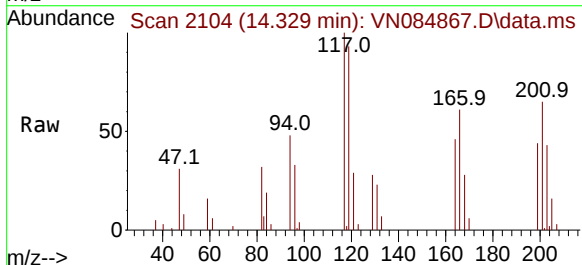
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

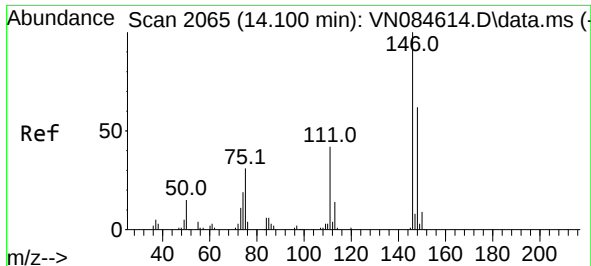
Tgt Ion:	91	Resp:	79989
Ion	Ratio	Lower	Upper
91	100		
92	51.1	0.0	106.2
134	25.6	0.0	48.2



#86
Hexachloroethane
Concen: 18.750 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion:	117	Resp:	22330
Ion	Ratio	Lower	Upper
117	100		
201	71.7	34.4	103.3





#87

1,2-Dichlorobenzene

Concen: 19.403 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

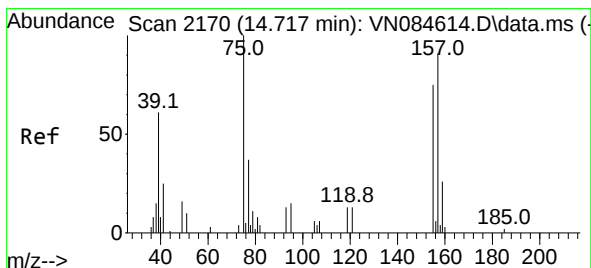
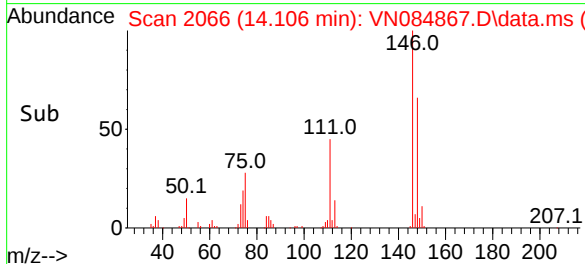
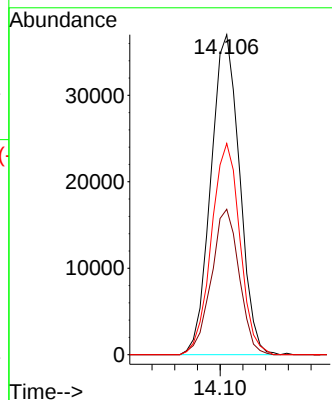
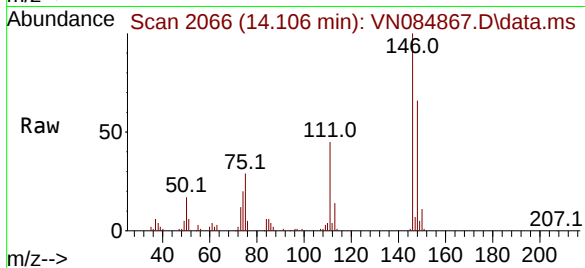
Tgt Ion:146 Resp: 64917

Ion Ratio Lower Upper

146 100

111 44.2 22.4 67.0

148 65.5 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.435 ug/l

RT: 14.712 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

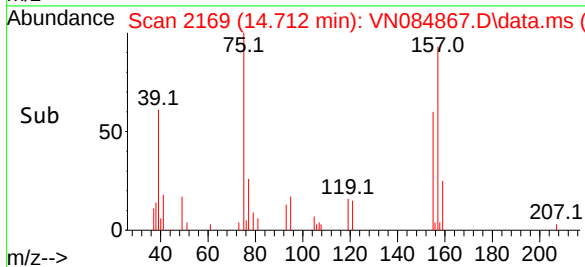
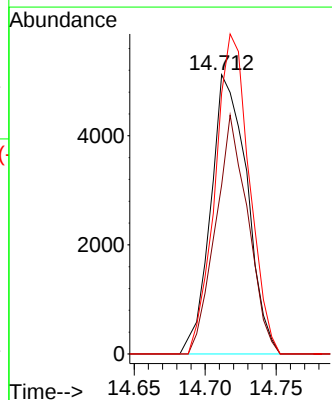
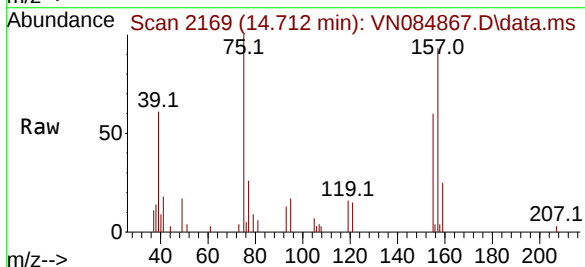
Tgt Ion: 75 Resp: 9097

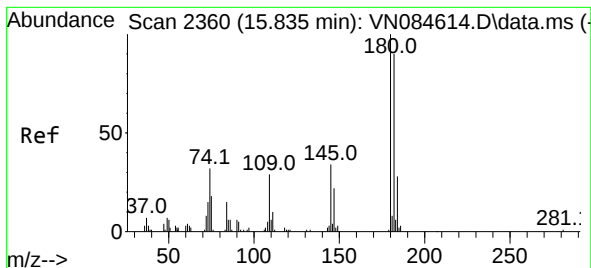
Ion Ratio Lower Upper

75 100

155 76.5 61.8 92.6

157 108.3 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 17.939 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

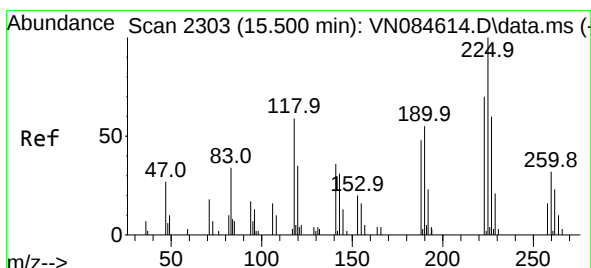
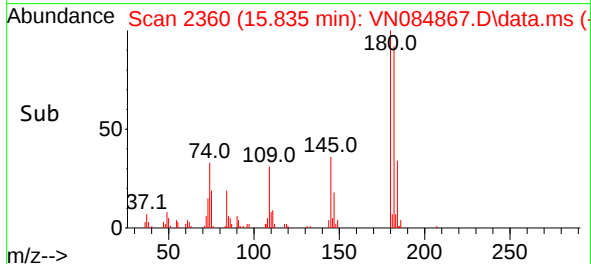
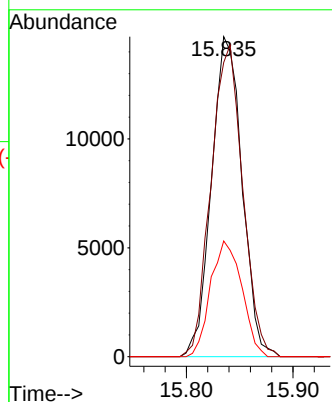
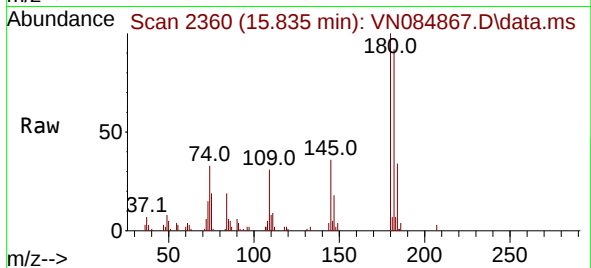
Tgt Ion:180 Resp: 29223

Ion Ratio Lower Upper

180 100

182 101.0 73.0 109.6

145 37.0 26.5 39.7



#90

Hexachlorobutadiene

Concen: 20.439 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084867.D

Acq: 15 Nov 2024 13:49

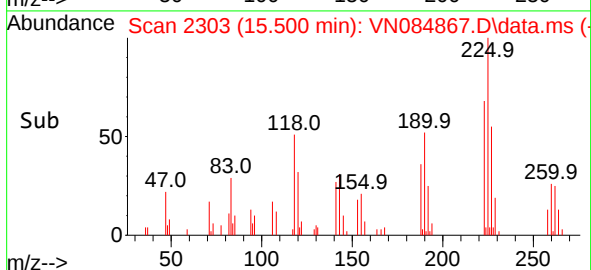
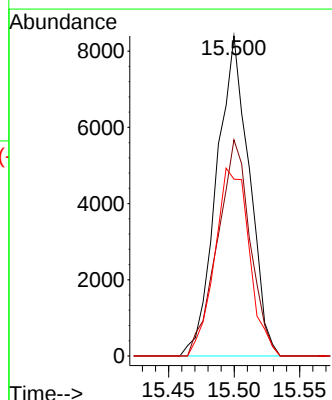
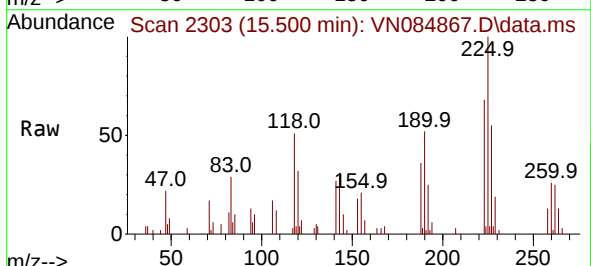
Tgt Ion:225 Resp: 14544

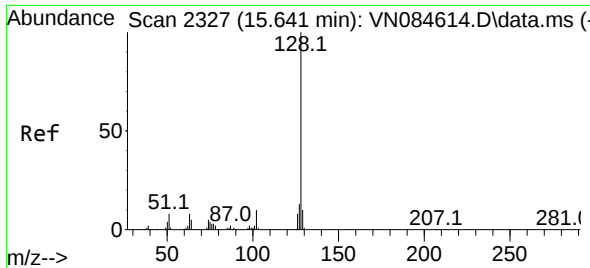
Ion Ratio Lower Upper

225 100

223 67.7 0.0 138.8

227 62.0 0.0 123.2

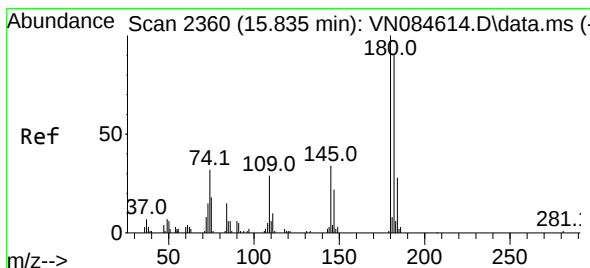
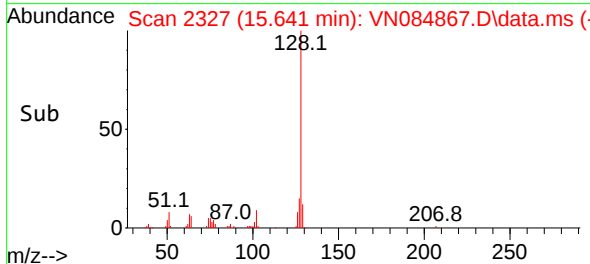
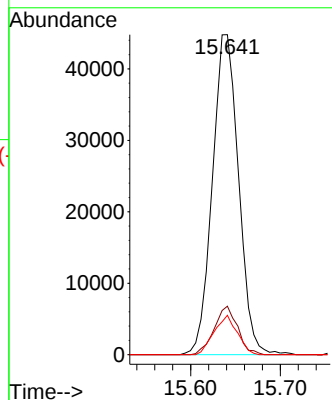
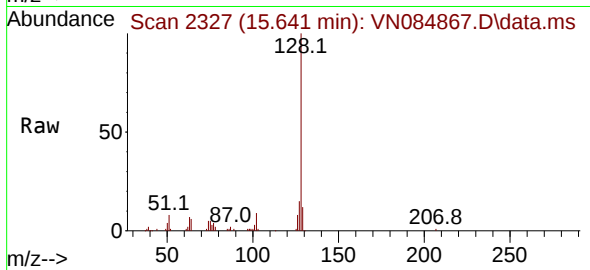




#91
Naphthalene
Concen: 17.460 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 90833
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.9 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 17.939 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084867.D
Acq: 15 Nov 2024 13:49

Tgt Ion:180 Resp: 29223
Ion Ratio Lower Upper
180 100
182 101.0 0.0 182.6
145 37.0 0.0 66.2

