

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084058.D
 Acq On : 20 Sep 2024 09:32
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Sep 20 23:20:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28392	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	158140	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143298	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	80602	31.058	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.533%			
60) 4-Bromofluorobenzene	12.847	95	73881	29.915	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.700%			
63) Toluene-d8	10.565	98	206167	31.072	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.567%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	31200	16.410	ug/l	94
3) Chloromethane	2.359	50	33516	16.966	ug/l	99
4) Vinyl Chloride	2.518	62	33467	16.479	ug/l	93
5) Bromomethane	2.959	94	22125	19.499	ug/l	99
6) Chloroethane	3.124	64	21909	16.110	ug/l	98
7) Trichlorofluoromethane	3.501	101	55440	16.283	ug/l	97
8) Diethyl Ether	3.965	74	19358	16.732	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	30549	16.703	ug/l	93
10) 1,1-Dichloroethene	4.342	96	28282	16.027	ug/l	90
11) Methyl Iodide	4.583	142	37480	15.637	ug/l	93
12) Methyl Acetate	5.024	43	41241	19.379	ug/l #	78
13) Acrolein	4.183	56	25554	82.278	ug/l	95
14) Acrylonitrile	5.718	53	84087	97.637	ug/l	91
15) Acetone	4.430	58	24605	86.126	ug/l #	63
16) Carbon Disulfide	4.712	76	81311	16.304	ug/l	98
17) Allyl chloride	5.024	41	46652	15.076	ug/l	90
18) Methylene Chloride	5.277	84	34974	18.116	ug/l	90
19) trans-1,2-Dichloroethene	5.783	96	30964	16.930	ug/l	99
20) Diisopropyl ether	6.671	45	110906	17.747	ug/l	91
21) 1,1-Dichloroethane	6.565	63	61812	17.324	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	36164	16.246	ug/l	91
23) tert-Butyl Alcohol	5.518	59	33282	105.312	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	103198	16.457	ug/l #	85
25) Chloroform	7.965	83	65421	17.302	ug/l	99
26) Cyclohexane	8.259	56	46262	14.721	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	43838	17.477	ug/l	96
30) 2-Butanone	7.483	43	121073	102.397	ug/l	94
31) 2,2-Dichloropropane	7.489	77	54503	17.043	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	58363	17.423	ug/l	97
33) Carbon Tetrachloride	8.365	117	49148	16.942	ug/l	95
34) Benzene	8.606	78	136725	18.167	ug/l	98
35) Methacrylonitrile	7.777	41	26587	20.003	ug/l	91
36) 1,2-Dichloroethane	8.671	62	53969	19.075	ug/l #	93
37) Trichloroethene	9.353	130	31351	17.739	ug/l	86
38) Methylcyclohexane	9.600	83	44852	14.936	ug/l	92
39) 1,2-Dichloropropane	9.624	63	33562	18.529	ug/l	99
40) Dibromomethane	9.712	93	24719	18.664	ug/l	94
41) Bromodichloromethane	9.888	83	53541	19.011	ug/l	99
42) Vinyl Acetate	6.606	43	417542	85.889	ug/l	94

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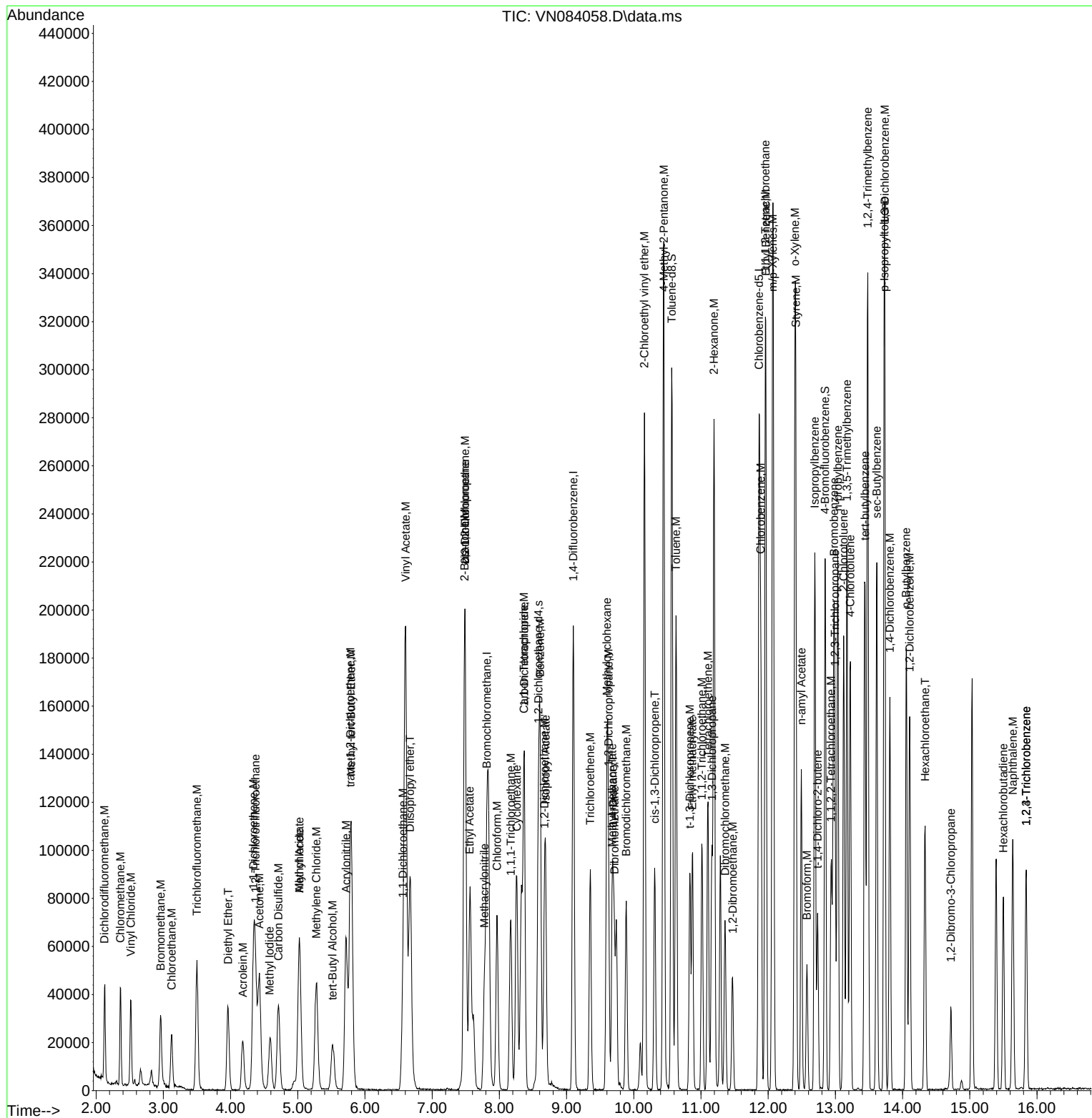
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	48257	20.277	ug/l #	85
44) Isopropyl Acetate	8.688	43	84255	20.469	ug/l #	87
45) 1,4-Dioxane	9.694	88	13789	429.492	ug/l #	92
46) Methyl methacrylate	9.677	41	37140	18.641	ug/l	83
47) n-amyl Acetate	12.494	43	68661	18.831	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	50217	16.951	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	53823	17.470	ug/l #	82
50) 1,1,2-Trichloroethane	11.012	97	31288	18.566	ug/l	98
51) Ethyl methacrylate	10.871	69	49377	17.149	ug/l	75
52) 1,3-Dichloropropane	11.165	76	55872	18.358	ug/l	99
53) Dibromochloromethane	11.359	129	36938	18.274	ug/l	100
54) 1,2-Dibromoethane	11.471	107	32488	18.634	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	122181	106.481	ug/l	98
56) Bromoform	12.576	173	23545	18.334	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	241251	106.177	ug/l #	86
59) 2-Hexanone	11.194	43	180263	104.995	ug/l #	86
61) Tetrachloroethene	11.106	164	26442	17.436	ug/l	93
62) Toluene	10.629	91	143048	17.367	ug/l	99
64) Chlorobenzene	11.888	112	87167	17.093	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	31387	17.668	ug/l	97
66) Ethyl Benzene	11.965	91	156129	16.669	ug/l	97
67) m/p-Xylenes	12.071	106	117586	34.122	ug/l	98
68) o-Xylene	12.400	106	56821	17.037	ug/l	100
69) Styrene	12.412	104	96087	17.051	ug/l	99
70) Isopropylbenzene	12.694	105	141959	16.129	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	46901	19.511	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	60045	28.489	ug/l	66
73) Bromobenzene	12.982	156	34320	16.977	ug/l	90
74) n-propylbenzene	13.035	91	171464	16.642	ug/l	99
75) 2-Chlorotoluene	13.123	91	108565	16.883	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	123964	16.861	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	15566	17.473	ug/l	85
78) 4-Chlorotoluene	13.223	91	110639	16.966	ug/l	100
79) tert-butylbenzene	13.441	119	102201	15.897	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	123988	16.688	ug/l	99
81) sec-Butylbenzene	13.618	105	145015	16.512	ug/l	98
82) p-Isopropyltoluene	13.729	119	118380	16.020	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	63779	16.392	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	62428	16.049	ug/l	99
85) n-Butylbenzene	14.053	91	101113	15.506	ug/l	99
86) Hexachloroethane	14.335	117	23680	16.911	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	62100	16.446	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9472	17.929	ug/l	91
89) 1,2,4-Trichlorobenzene	15.841	180	30176	14.587	ug/l	99
90) Hexachlorobutadiene	15.500	225	13412	15.664	ug/l	98
91) Naphthalene	15.641	128	94852	14.025	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	30176	14.587	ug/l	99

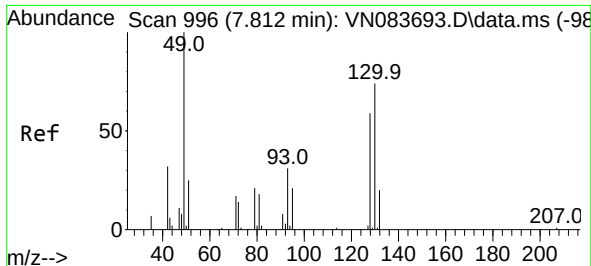
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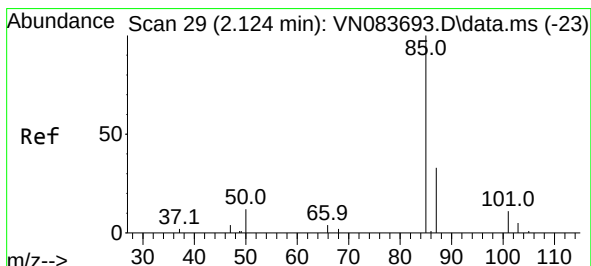
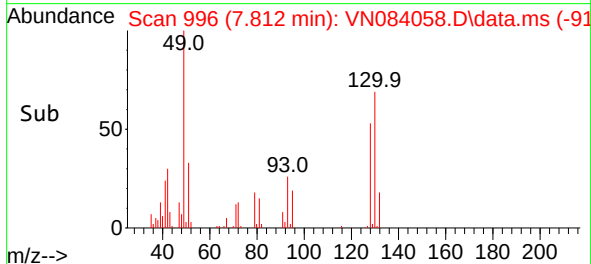
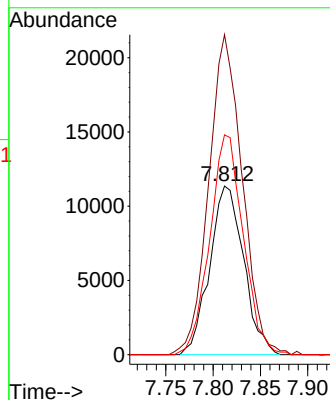
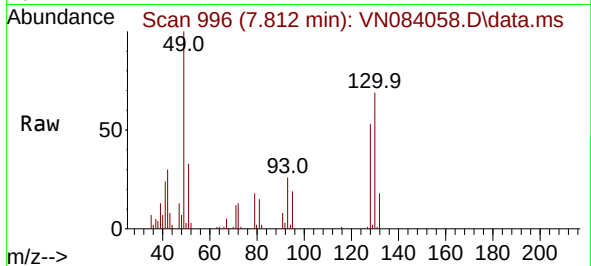




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084058.D
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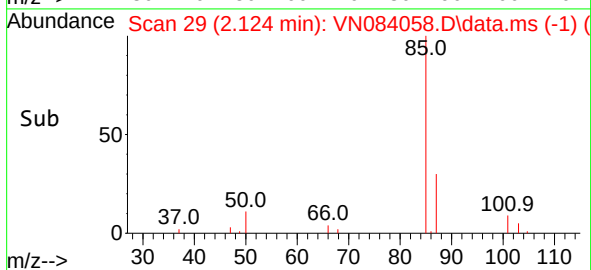
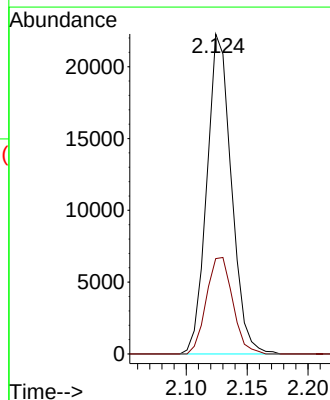
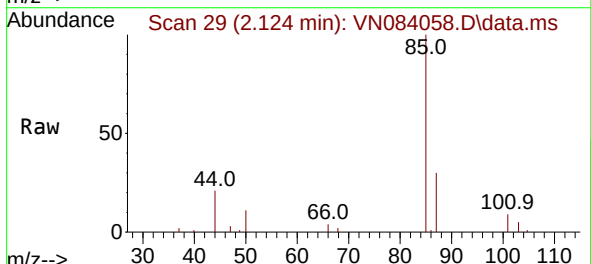
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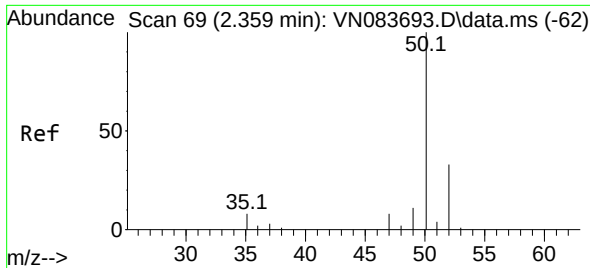
Tgt Ion:128 Resp: 28392
Ion Ratio Lower Upper
128 100
49 186.4 0.0 403.7
130 128.6 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 16.410 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 85 Resp: 31200
Ion Ratio Lower Upper
85 100
87 29.8 16.8 50.3

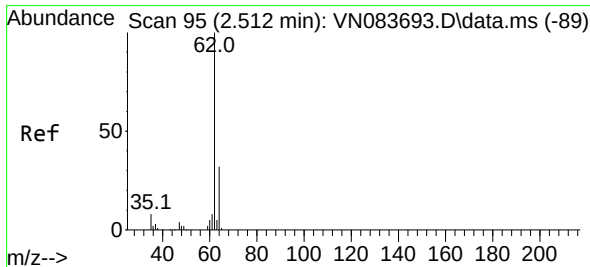
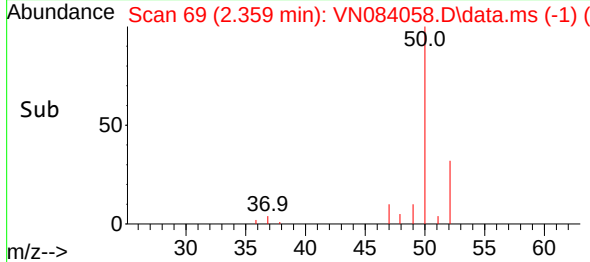
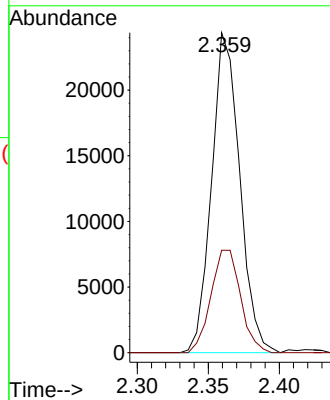
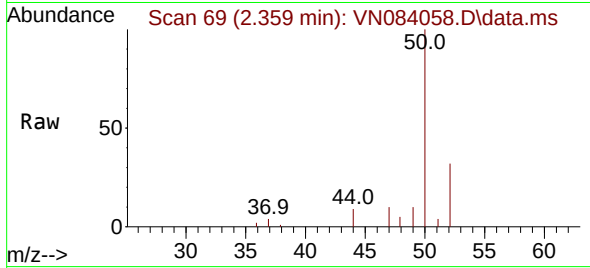




#3
Chloromethane
Concen: 16.966 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

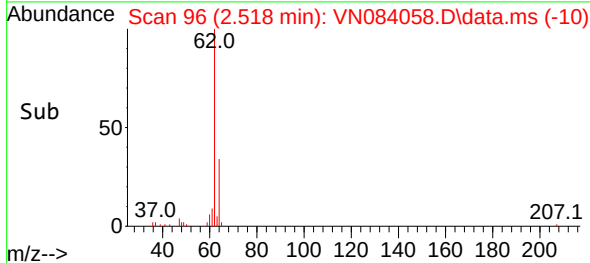
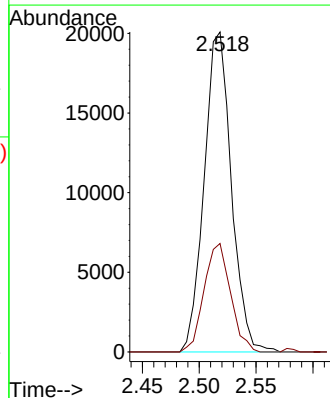
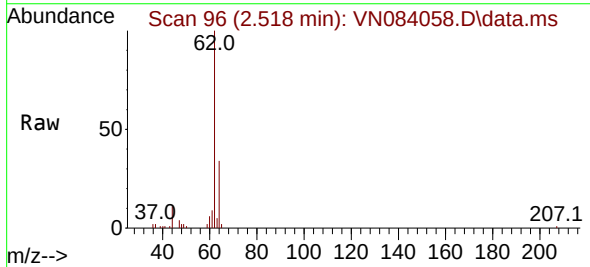
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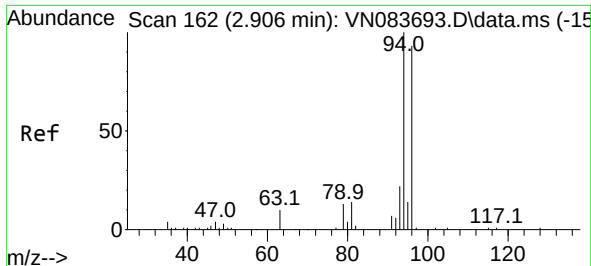
Tgt Ion: 50 Resp: 33516
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0



#4
Vinyl Chloride
Concen: 16.479 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 62 Resp: 33467
Ion Ratio Lower Upper
62 100
64 33.9 24.1 36.1





#5

Bromomethane

Concen: 19.499 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.053 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

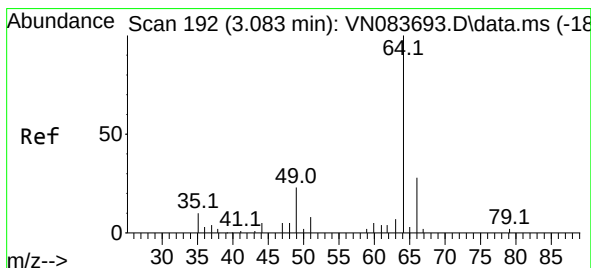
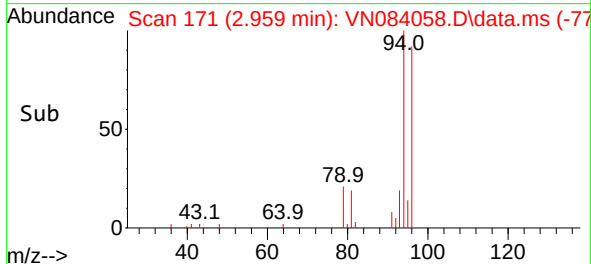
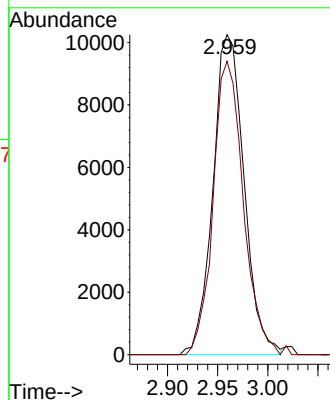
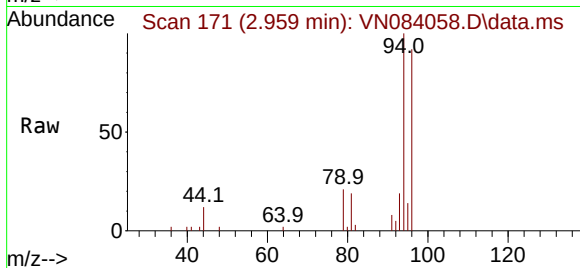
VSTDCCC020

Tgt Ion: 94 Resp: 22125

Ion Ratio Lower Upper

94 100

96 91.7 72.8 109.2



#6

Chloroethane

Concen: 16.110 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.041 min

Lab File: VN084058.D

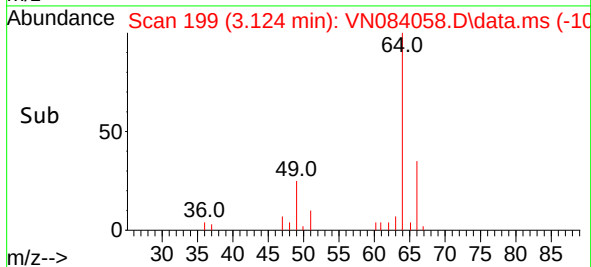
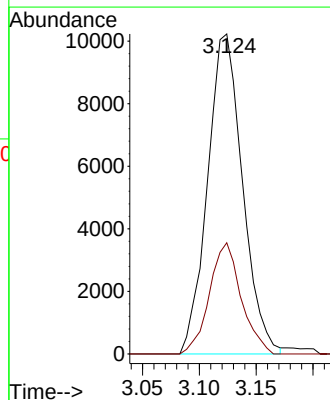
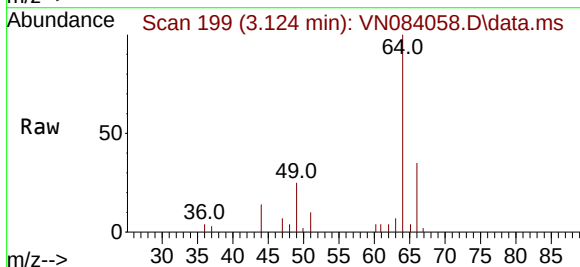
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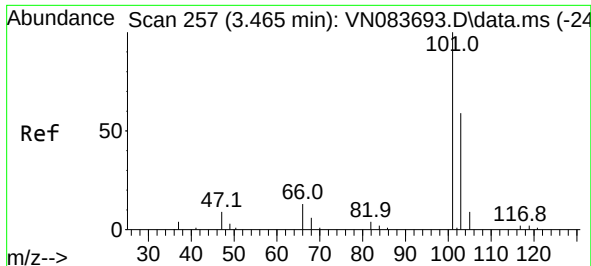
Tgt Ion: 64 Resp: 21909

Ion Ratio Lower Upper

64 100

66 34.7 26.7 40.1

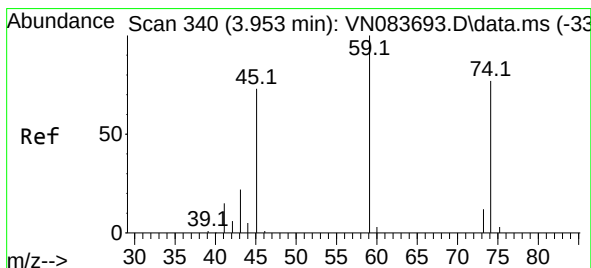
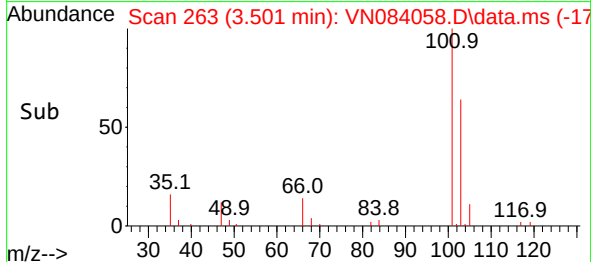
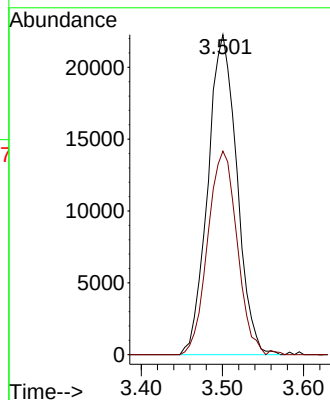
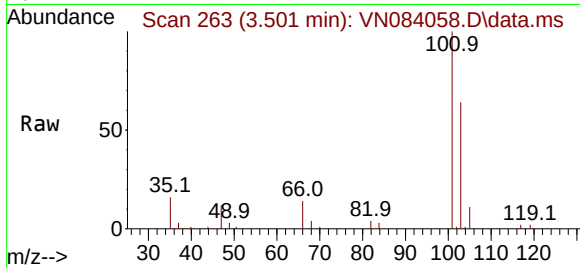




#7
Trichlorofluoromethane
Concen: 16.283 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.035 min
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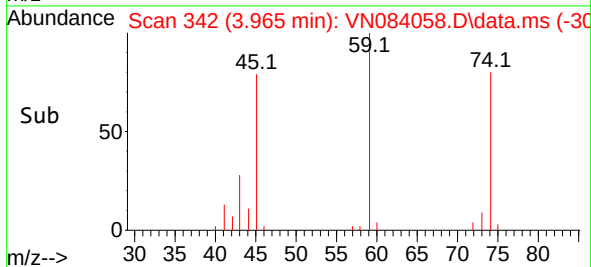
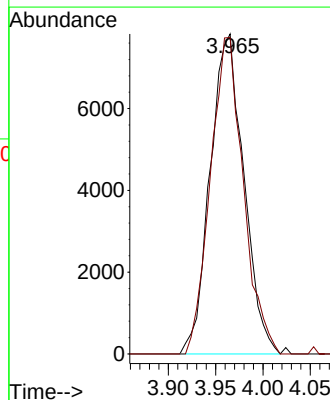
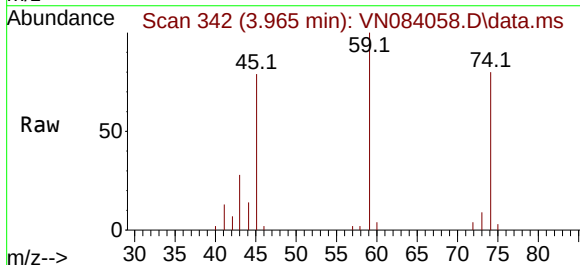
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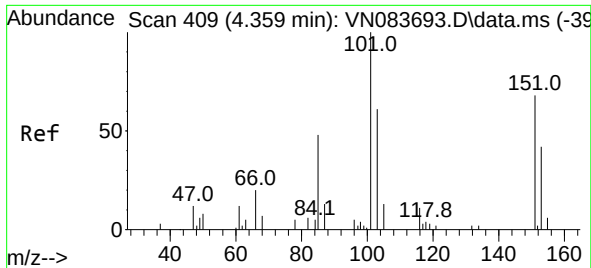
Tgt Ion:101 Resp: 55440
Ion Ratio Lower Upper
101 100
103 63.6 53.0 79.4



#8
Diethyl Ether
Concen: 16.732 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 74 Resp: 19358
Ion Ratio Lower Upper
74 100
45 96.8 16.4 147.4

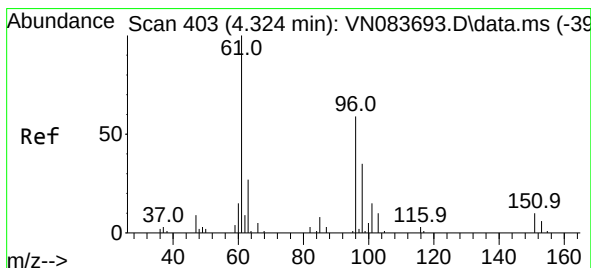
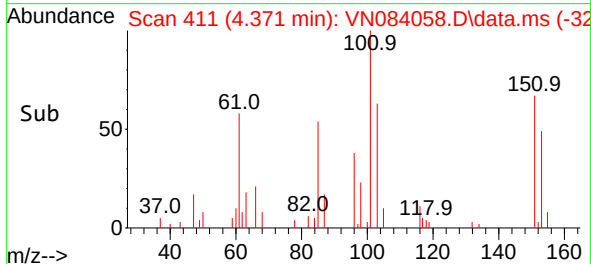
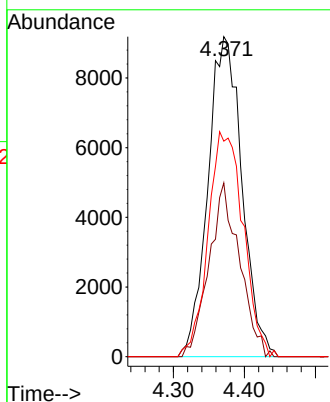
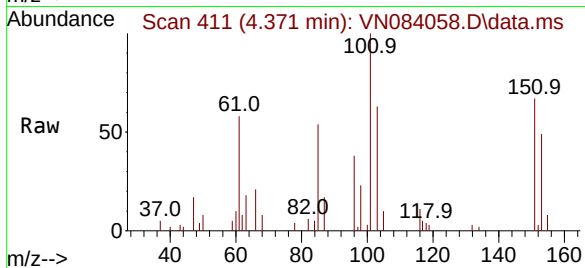




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.703 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VN084058.D
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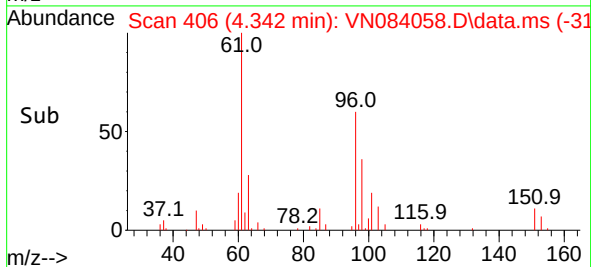
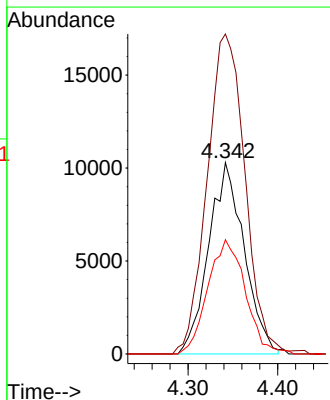
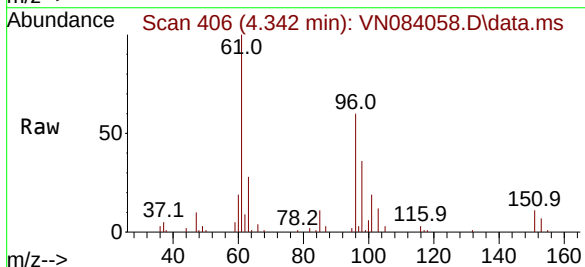
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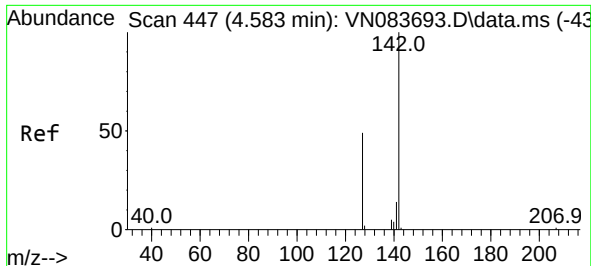
Tgt Ion:101 Resp: 30549
 Ion Ratio Lower Upper
 101 100
 85 48.6 0.0 90.6
 151 72.2 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 16.027 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.018 min
 Lab File: VN084058.D
 Acq: 20 Sep 2024 09:32

Tgt Ion: 96 Resp: 28282
 Ion Ratio Lower Upper
 96 100
 61 163.7 117.6 176.4
 98 59.7 48.4 72.6

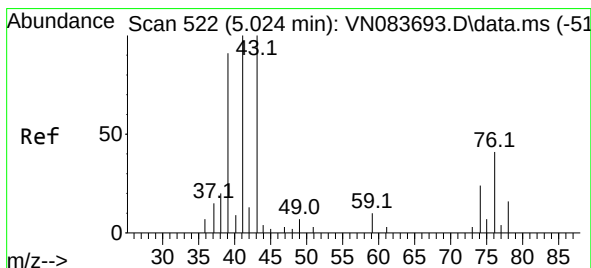
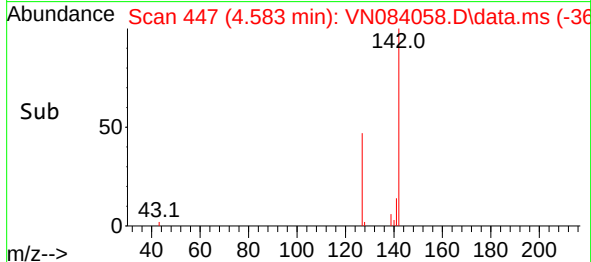
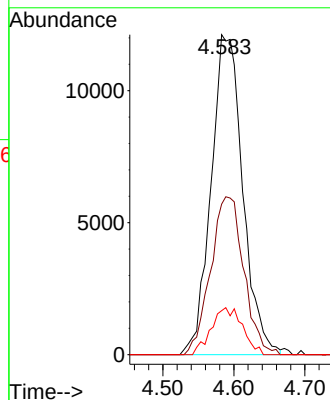
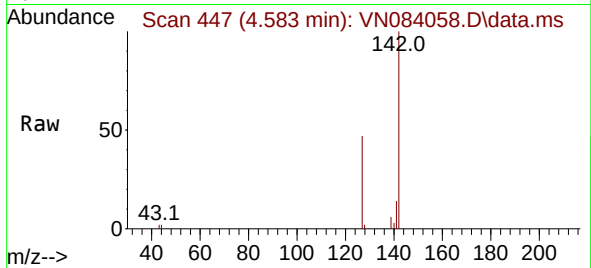




#11
Methyl Iodide
Concen: 15.637 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

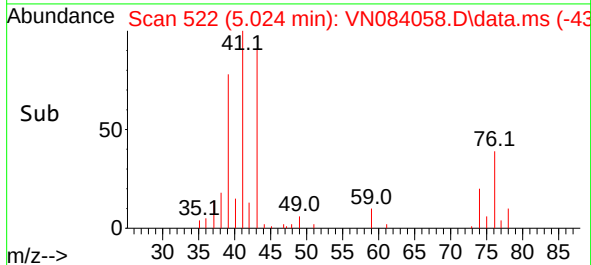
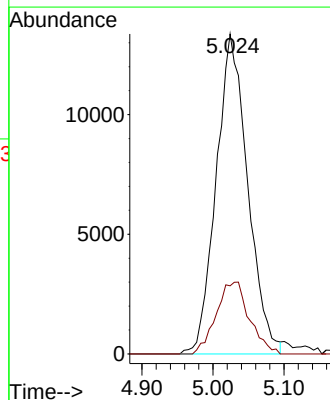
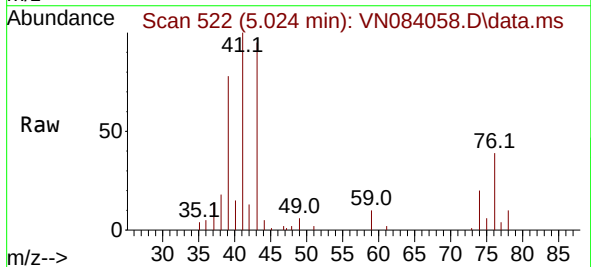
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

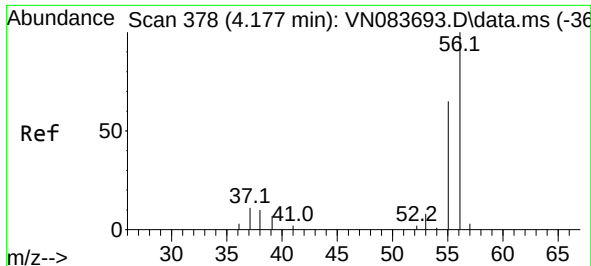
Tgt Ion:142 Resp: 37480
Ion Ratio Lower Upper
142 100
127 47.4 26.3 78.9
141 13.8 8.3 24.9



#12
Methyl Acetate
Concen: 19.379 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 43 Resp: 41241
Ion Ratio Lower Upper
43 100
74 21.7 27.7 41.5#





#13

Acrolein

Concen: 82.278 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

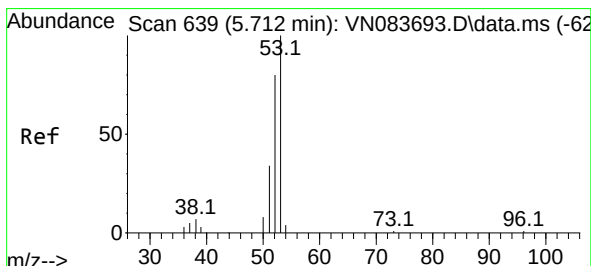
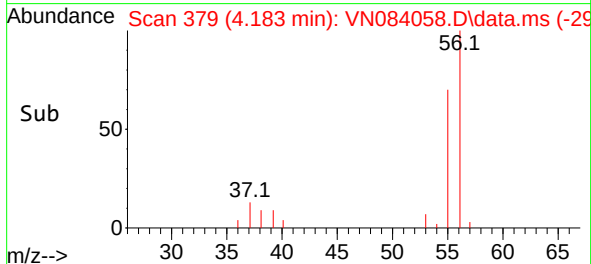
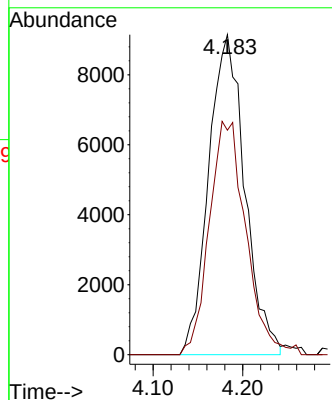
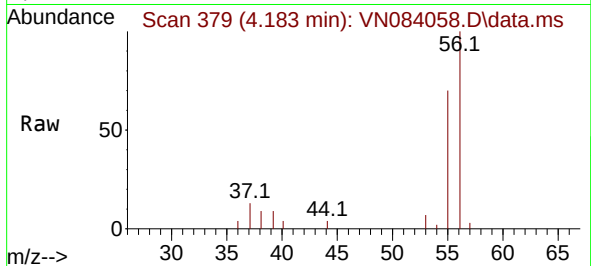
VSTDCCC020

Tgt Ion: 56 Resp: 25554

Ion Ratio Lower Upper

56 100

55 73.6 55.5 83.3



#14

Acrylonitrile

Concen: 97.637 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.006 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

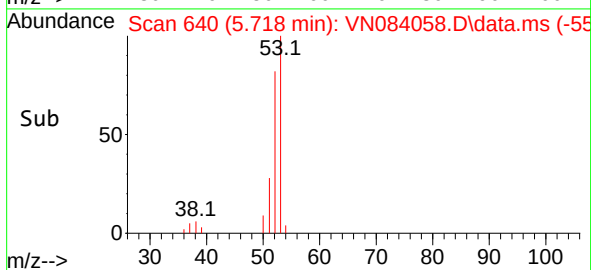
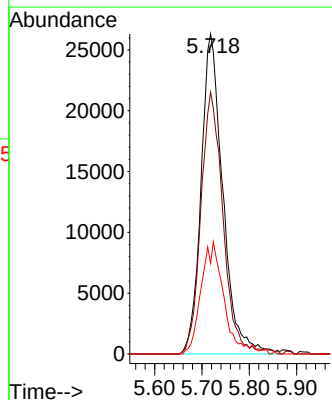
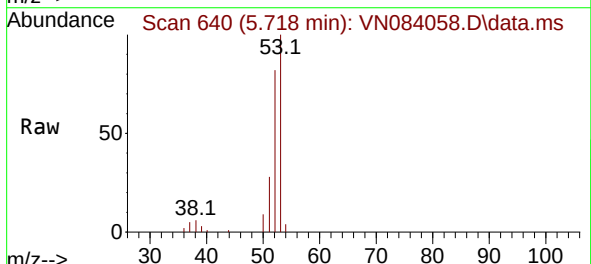
Tgt Ion: 53 Resp: 84087

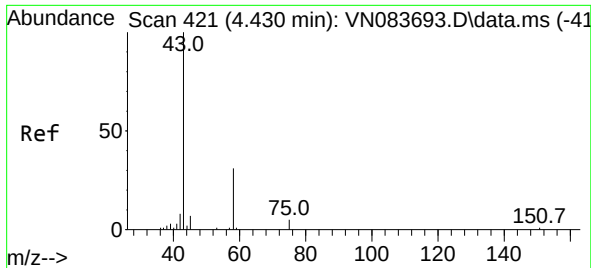
Ion Ratio Lower Upper

53 100

52 82.1 41.3 123.9

51 17.0 16.8 50.3





#15

Acetone

Concen: 86.126 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

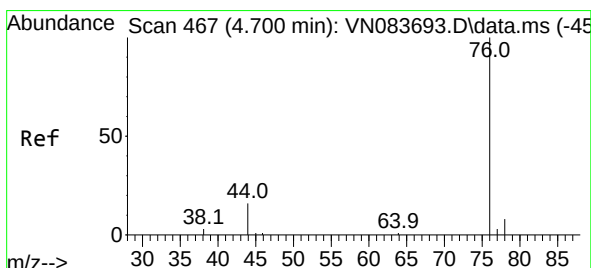
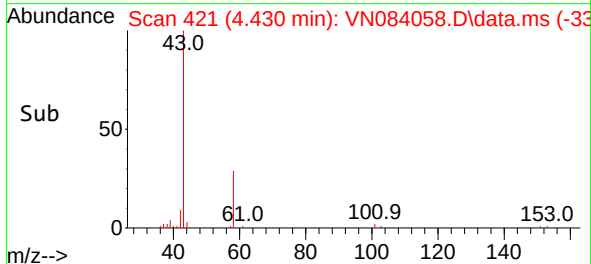
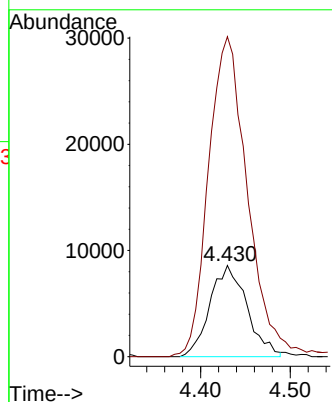
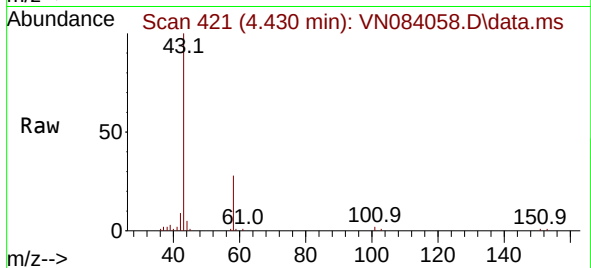
VSTDCCC020

Tgt Ion: 58 Resp: 24605

Ion Ratio Lower Upper

58 100

43 347.5 223.1 334.7#



#16

Carbon Disulfide

Concen: 16.304 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.012 min

Lab File: VN084058.D

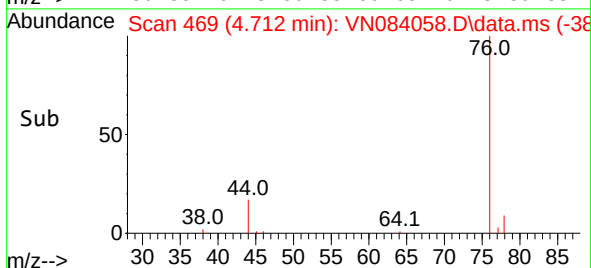
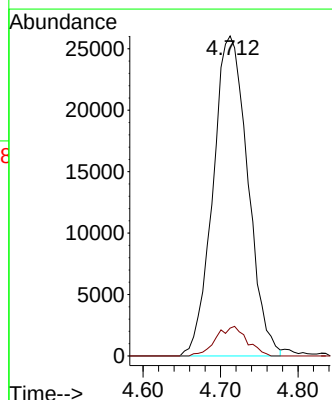
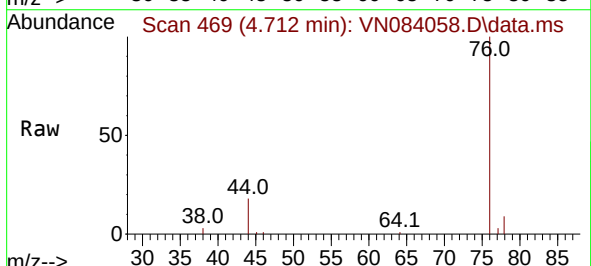
Acq: 20 Sep 2024 09:32

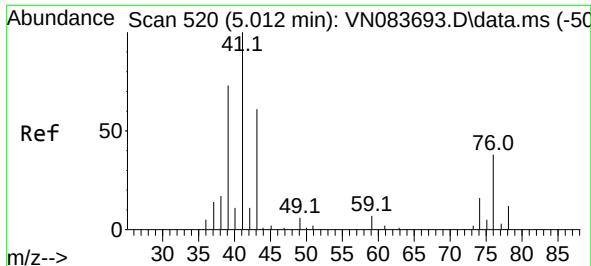
Tgt Ion: 76 Resp: 81311

Ion Ratio Lower Upper

76 100

78 8.7 6.3 9.5





#17

Allyl chloride

Concen: 15.076 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

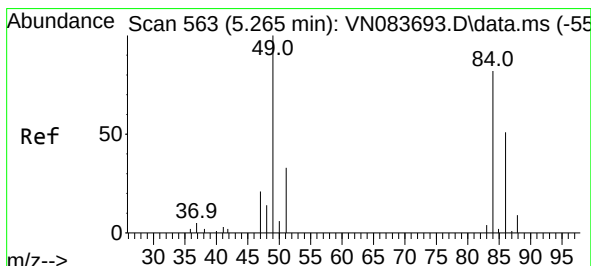
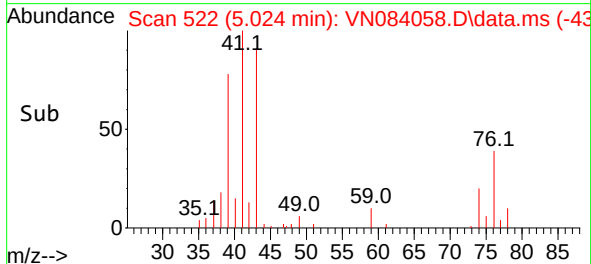
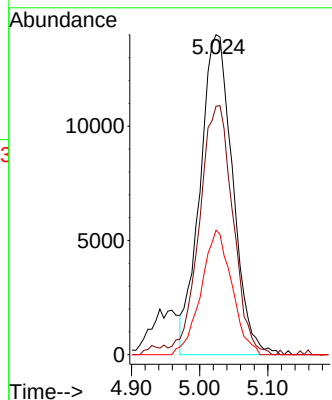
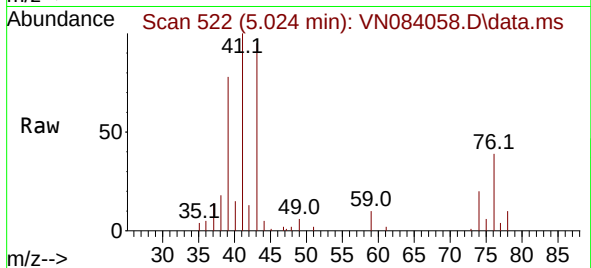
Tgt Ion: 41 Resp: 46652

Ion Ratio Lower Upper

41 100

39 76.3 37.6 112.9

76 38.9 27.8 83.4



#18

Methylene Chloride

Concen: 18.116 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.012 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Tgt Ion: 84 Resp: 34974

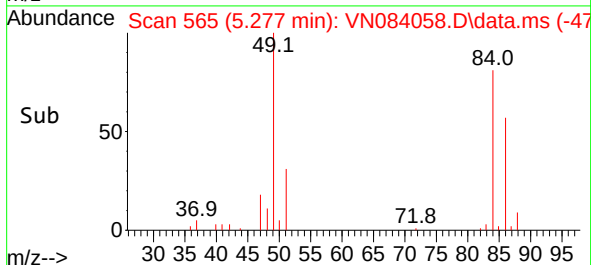
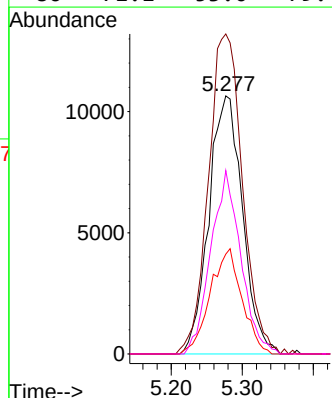
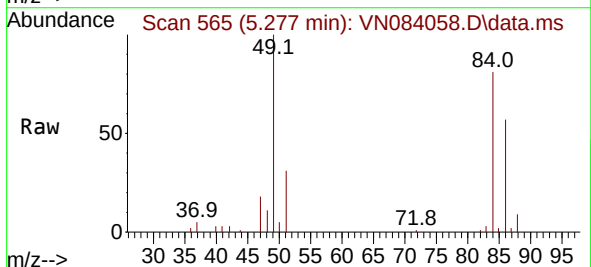
Ion Ratio Lower Upper

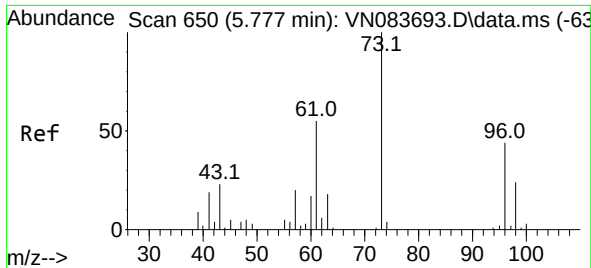
84 100

49 124.0 86.0 129.0

51 38.7 30.0 45.0

86 71.1 53.0 79.4

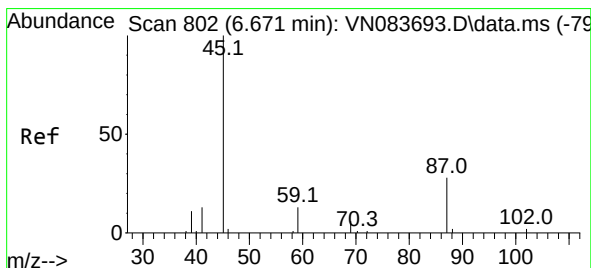
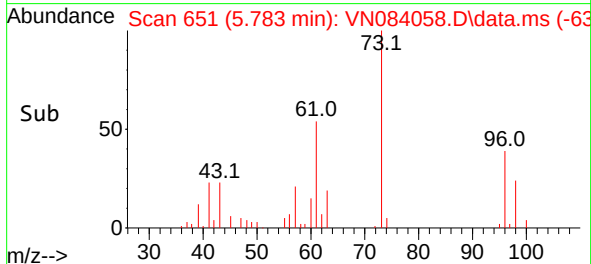
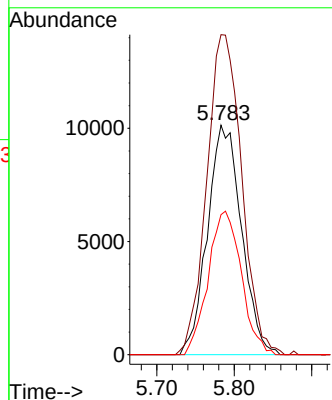
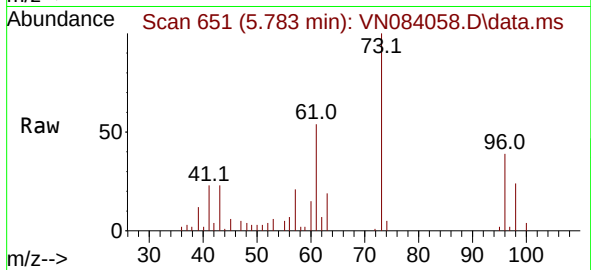




#19
trans-1,2-Dichloroethene
Concen: 16.930 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

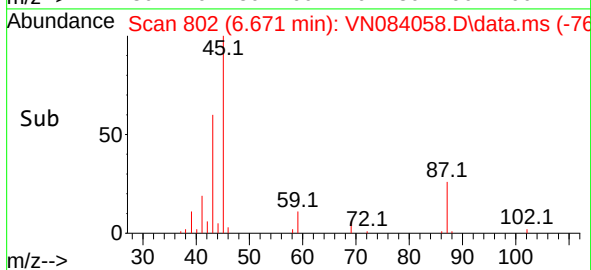
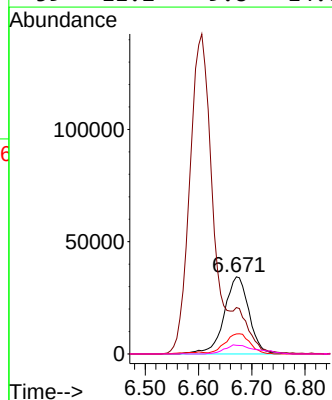
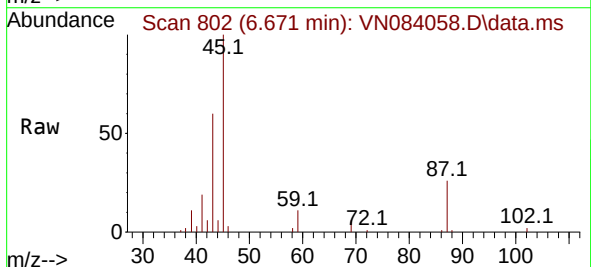
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

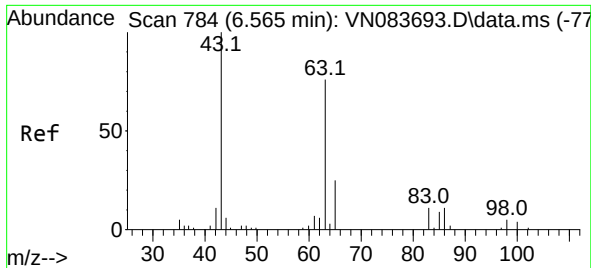
Tgt Ion: 96 Resp: 30964
Ion Ratio Lower Upper
96 100
61 137.8 111.8 167.6
98 61.0 49.2 73.8



#20
Diisopropyl ether
Concen: 17.747 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 45 Resp: 110906
Ion Ratio Lower Upper
45 100
43 58.1 40.4 60.6
87 25.8 23.8 35.8
59 11.2 9.8 14.6

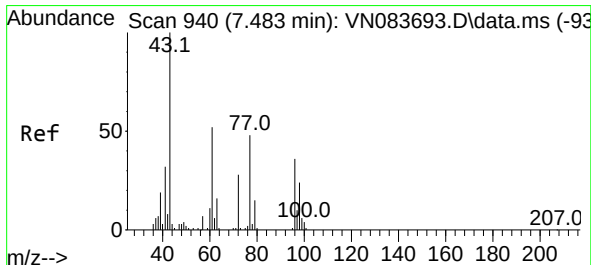
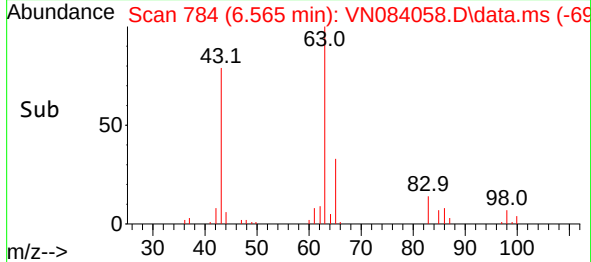
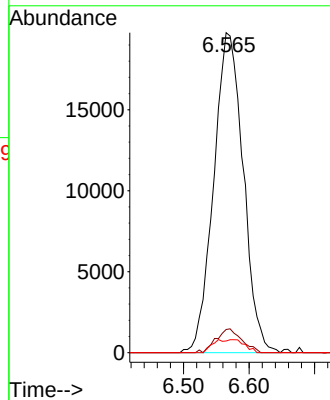
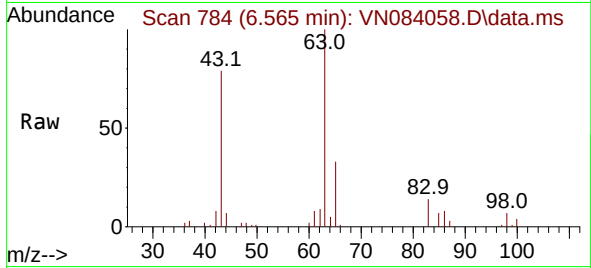




#21
1,1-Dichloroethane
Concen: 17.324 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

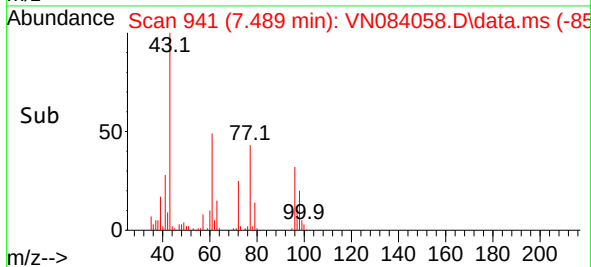
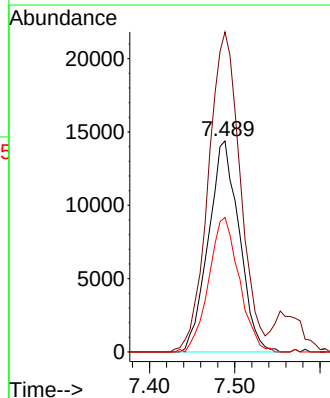
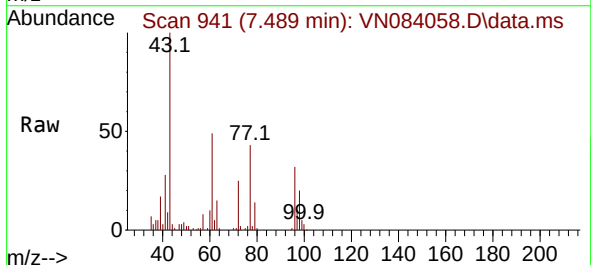
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

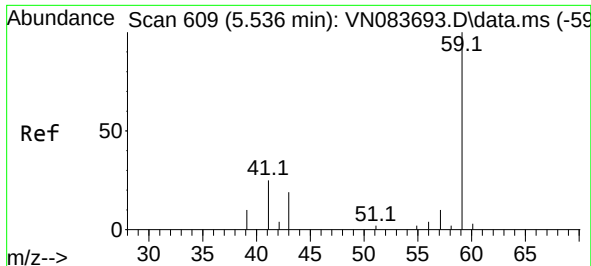
Tgt Ion: 63 Resp: 61812
Ion Ratio Lower Upper
63 100
98 7.2 4.1 12.3
100 3.7 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 16.246 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 96 Resp: 36164
Ion Ratio Lower Upper
96 100
61 157.2 113.5 170.3
98 62.7 52.0 78.0

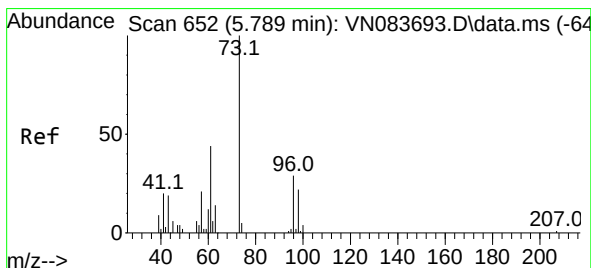
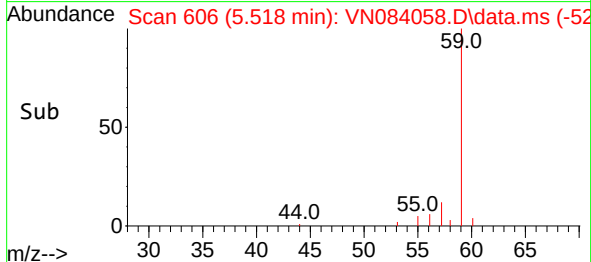
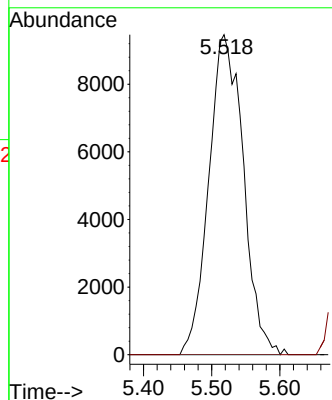
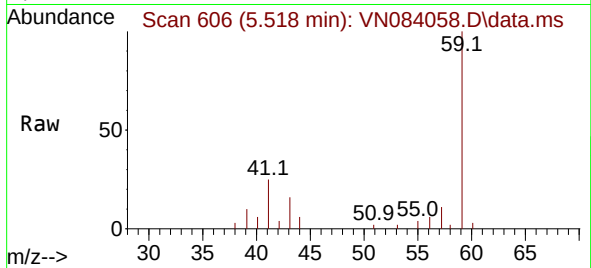




#23
tert-Butyl Alcohol
Concen: 105.312 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

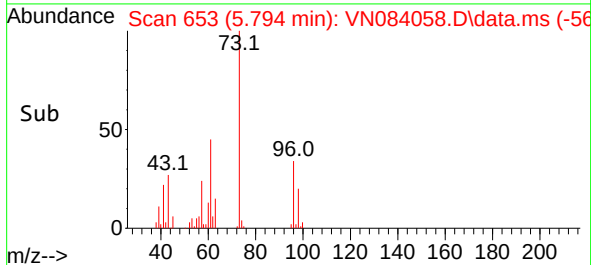
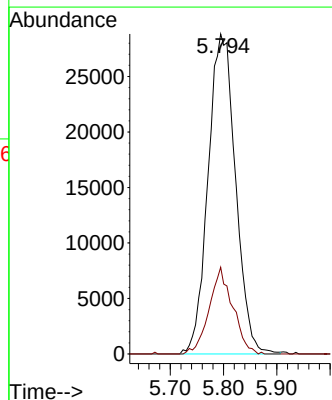
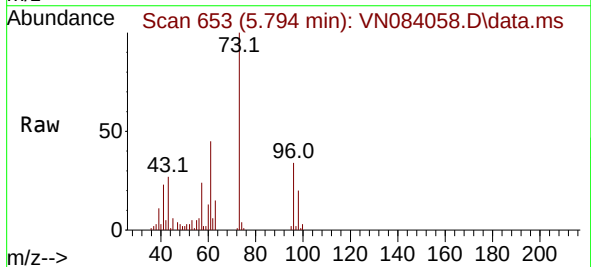
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

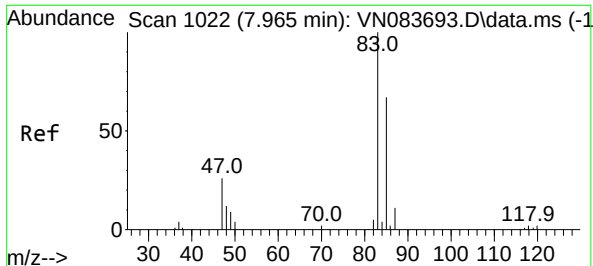
Tgt Ion: 59 Resp: 33282
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 16.457 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 73 Resp: 103198
Ion Ratio Lower Upper
73 100
43 23.2 13.4 20.2#





#25

Chloroform

Concen: 17.302 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

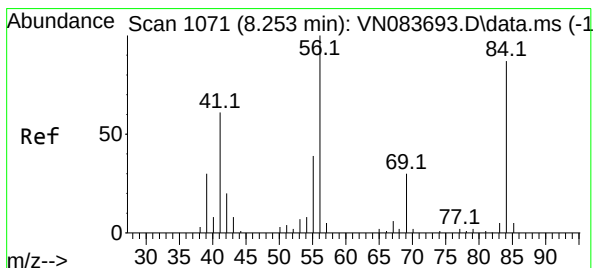
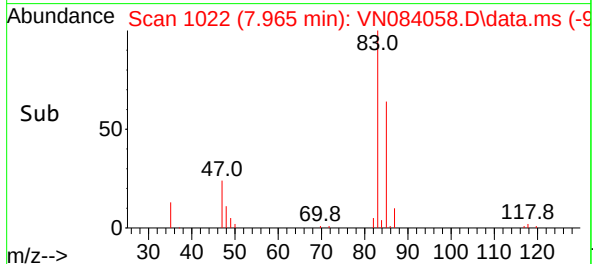
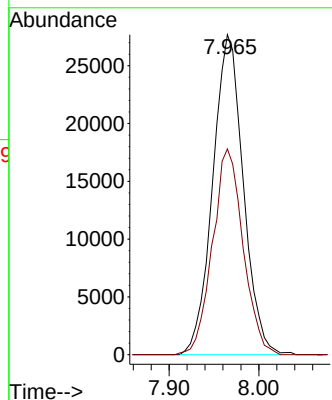
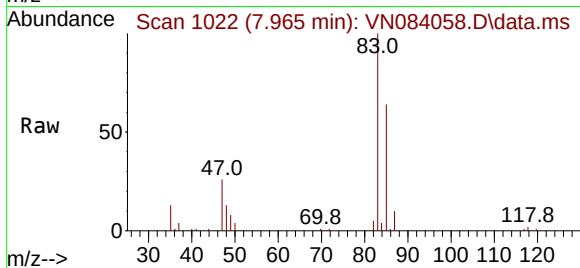
VSTDCCC020

Tgt Ion: 83 Resp: 65421

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3



#26

Cyclohexane

Concen: 14.721 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

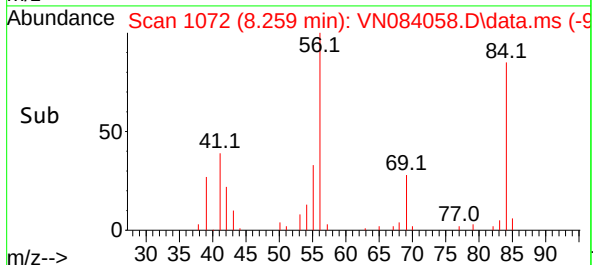
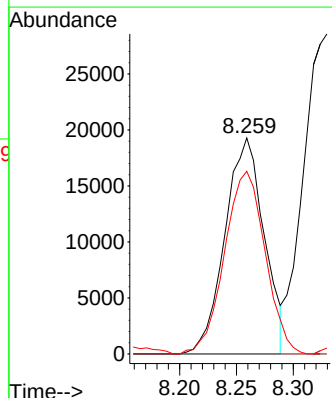
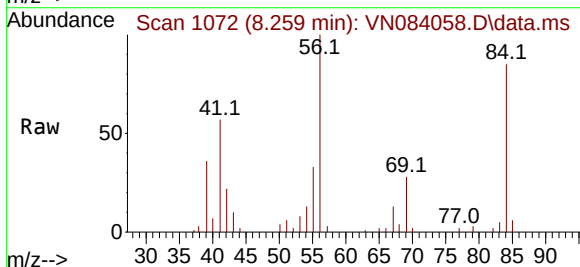
Tgt Ion: 56 Resp: 46262

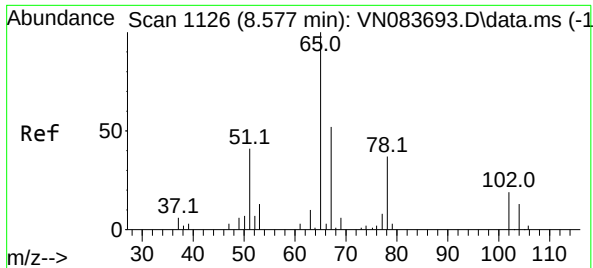
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9#

84 87.6 71.3 106.9

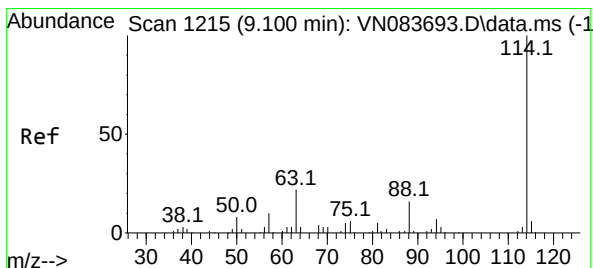
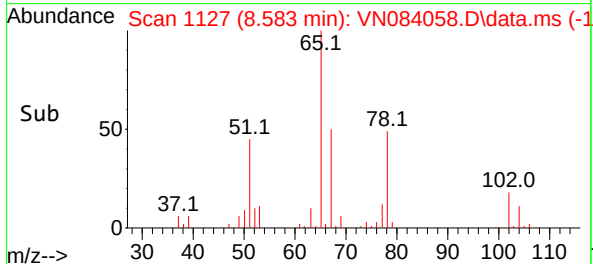
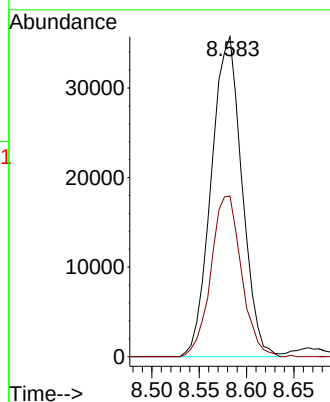
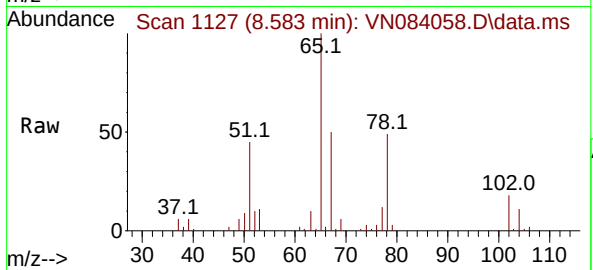




#27
1,2-Dichloroethane-d4
Concen: 31.058 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

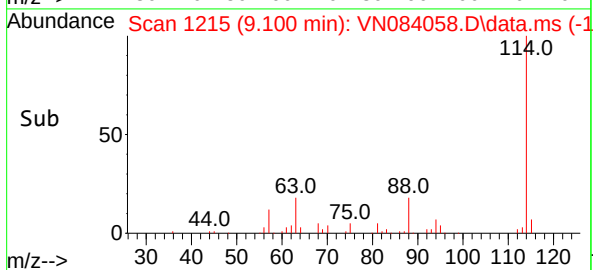
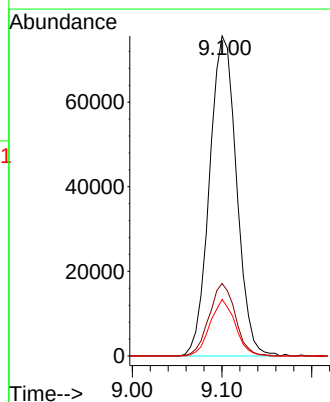
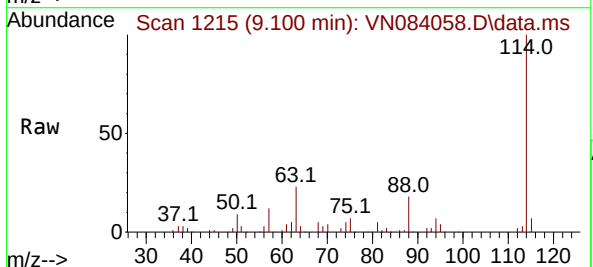
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

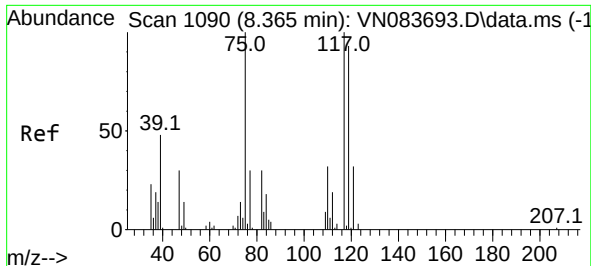
Tgt Ion: 65 Resp: 80602
Ion Ratio Lower Upper
65 100
67 49.9 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 114 Resp: 158140
Ion Ratio Lower Upper
114 100
63 21.9 15.9 23.9
88 16.4 12.7 19.1

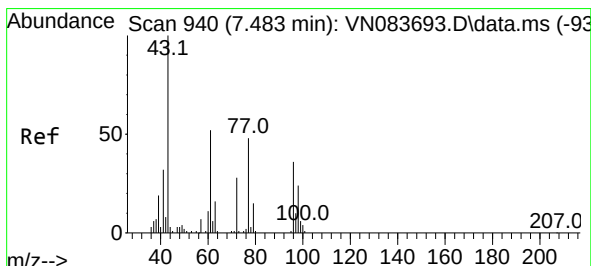
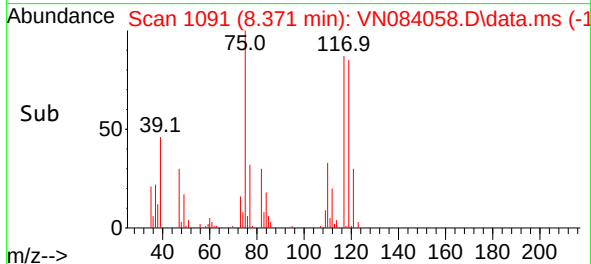
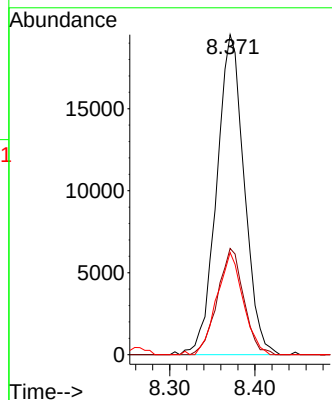
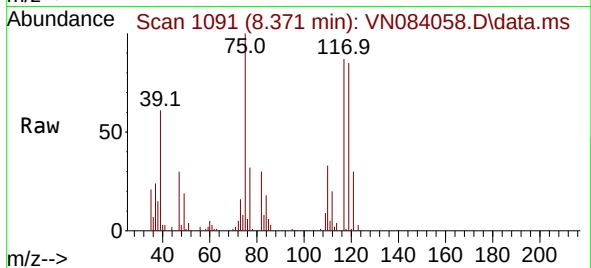




#29
1,1-Dichloropropene
Concen: 17.477 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

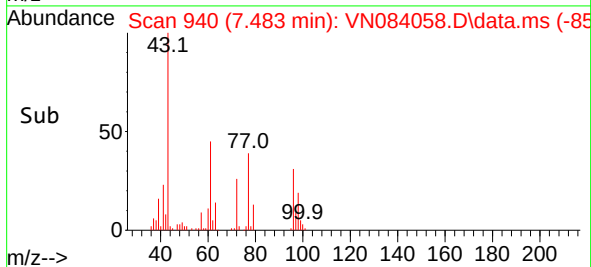
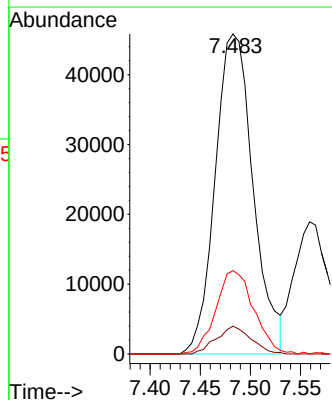
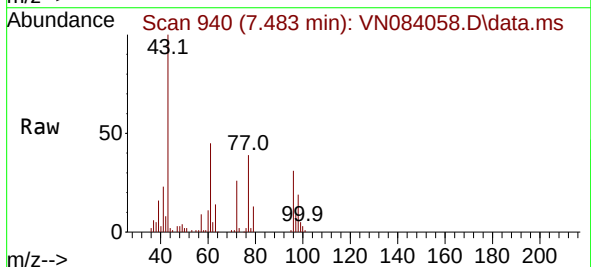
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

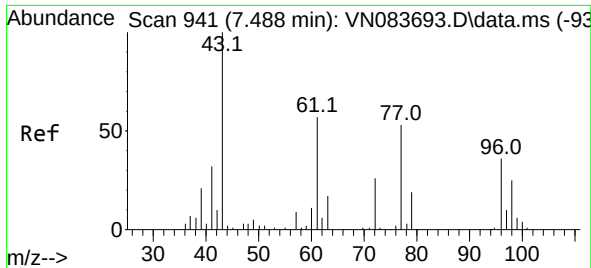
Tgt Ion: 75 Resp: 43838
Ion Ratio Lower Upper
75 100
110 31.3 0.0 70.2
77 30.4 0.0 61.4



#30
2-Butanone
Concen: 102.397 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 43 Resp: 121073
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 25.9 24.0 36.0

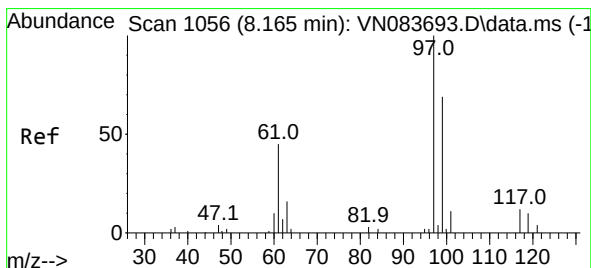
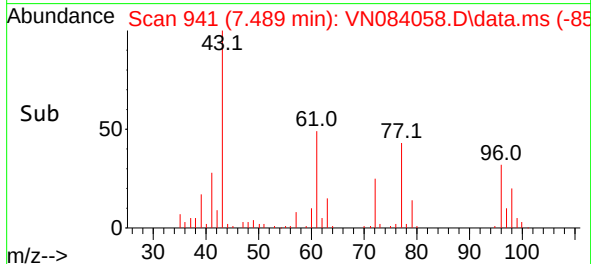
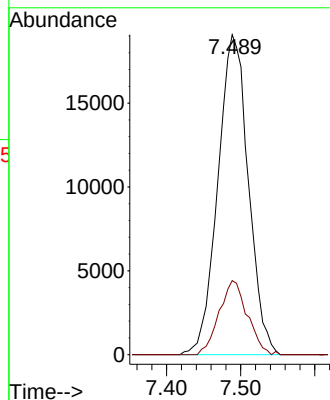
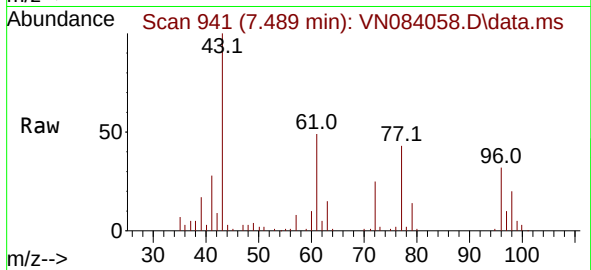




#31
2,2-Dichloropropane
Concen: 17.043 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

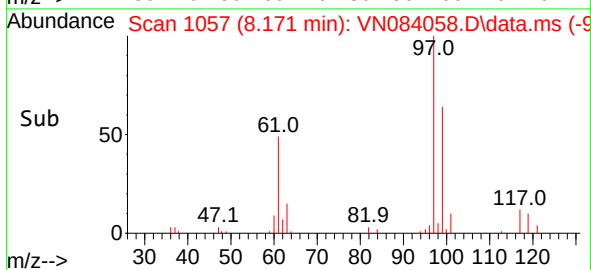
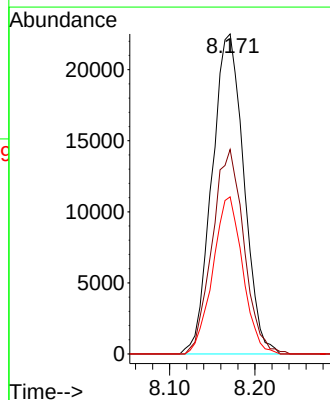
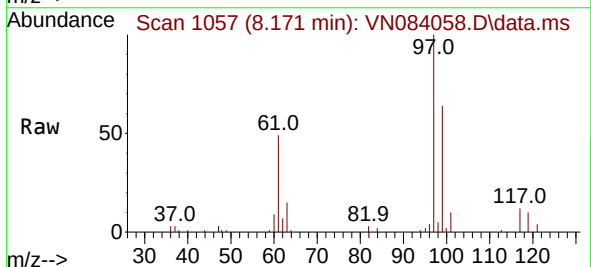
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

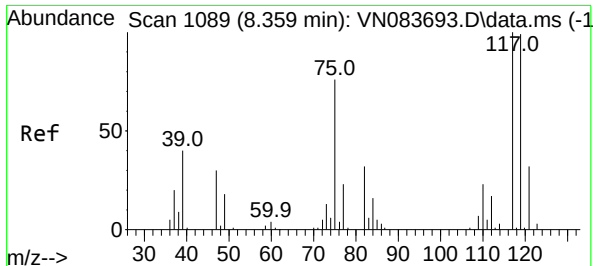
Tgt Ion: 77 Resp: 54503
Ion Ratio Lower Upper
77 100
97 21.3 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 17.423 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 97 Resp: 58363
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 46.1 33.8 50.8

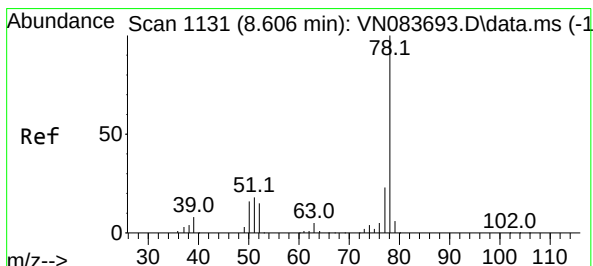
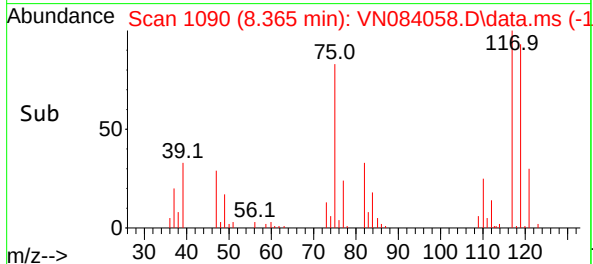
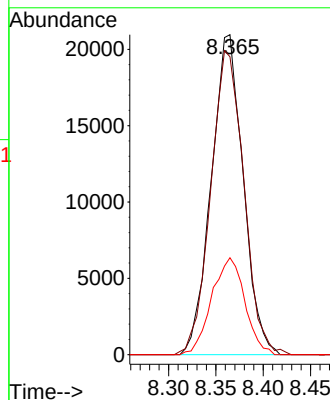
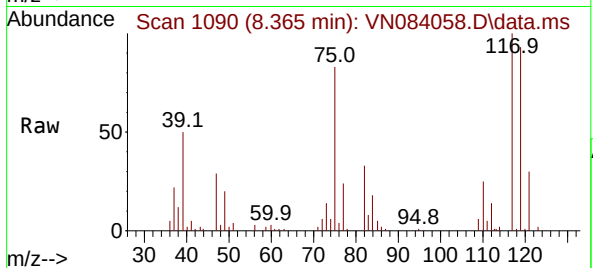




#33
Carbon Tetrachloride
Concen: 16.942 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

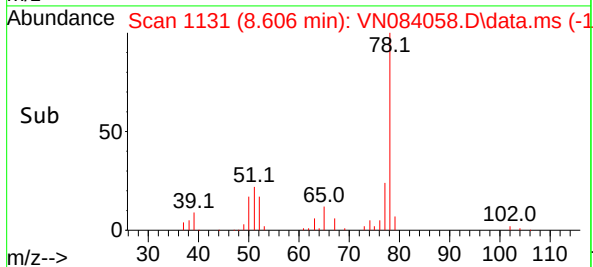
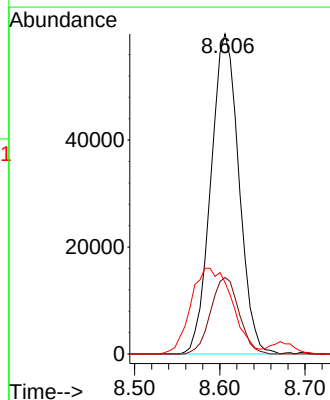
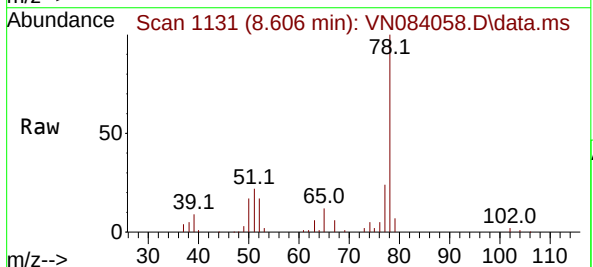
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

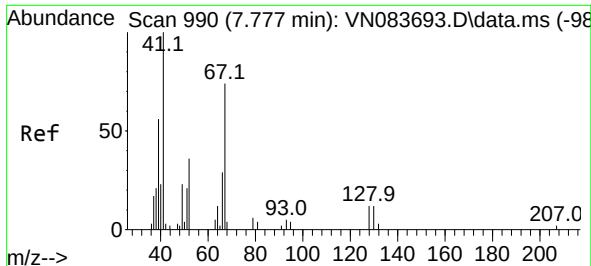
Tgt Ion:117 Resp: 49148
Ion Ratio Lower Upper
117 100
119 92.1 77.7 116.5
121 30.3 27.0 40.6



#34
Benzene
Concen: 18.167 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 78 Resp: 136725
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 18.5 13.3 19.9

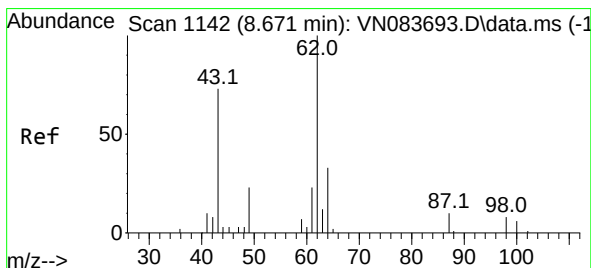
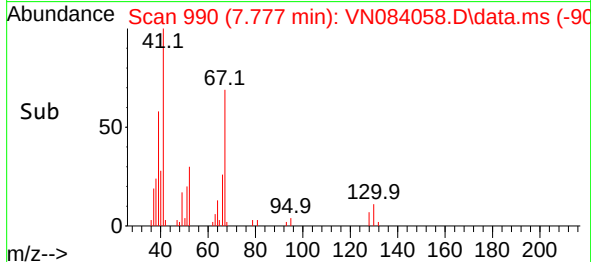
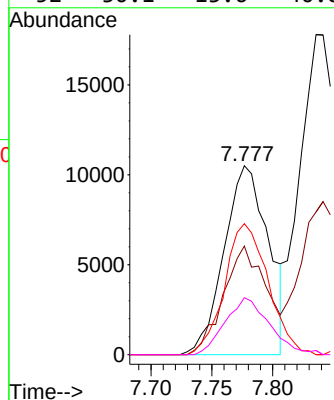
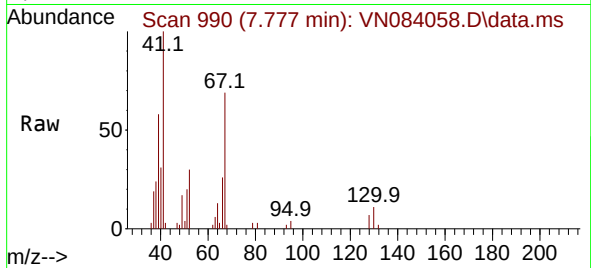




#35
Methacrylonitrile
Concen: 20.003 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

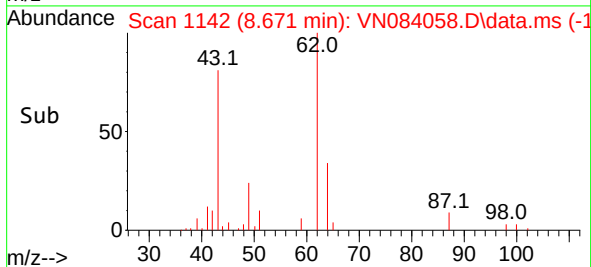
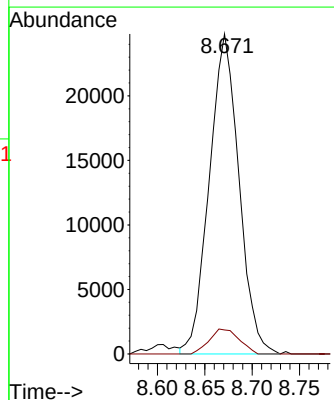
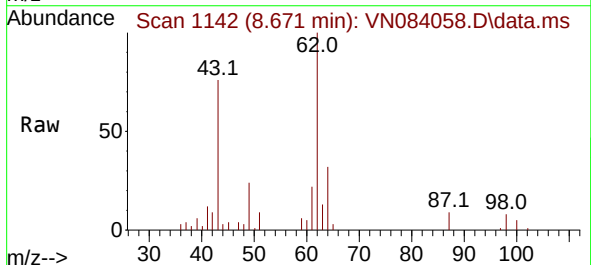
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

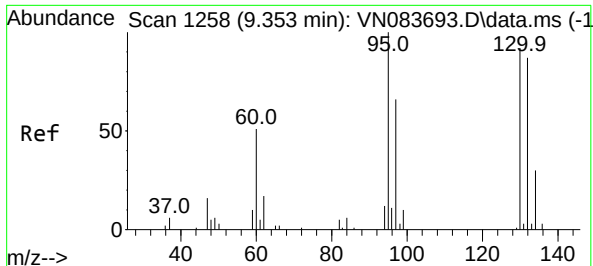
Tgt Ion:	41	Resp:	26587
Ion	Ratio	Lower	Upper
41	100		
39	57.5	25.3	75.9
67	69.4	38.7	116.1
52	30.1	13.6	40.8



#36
1,2-Dichloroethane
Concen: 19.075 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion:	62	Resp:	53969
Ion	Ratio	Lower	Upper
62	100		
98	7.9	8.2	12.4





#37

Trichloroethene

Concen: 17.739 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

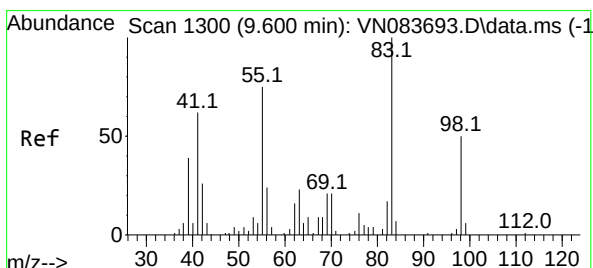
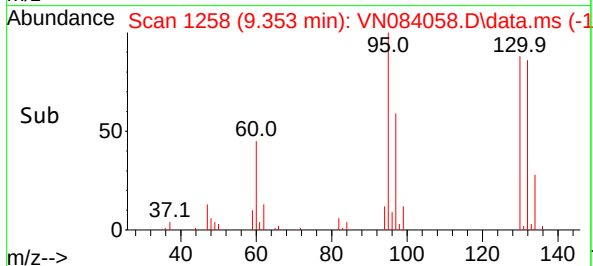
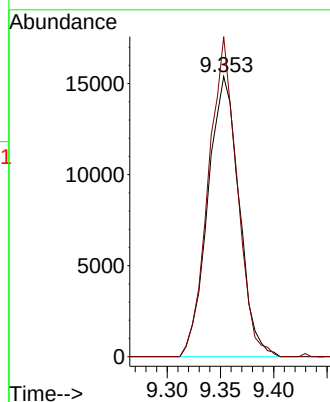
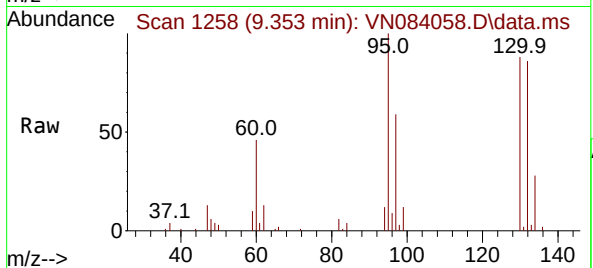
VSTDCCC020

Tgt Ion:130 Resp: 31351

Ion Ratio Lower Upper

130 100

95 114.2 80.2 120.4



#38

Methylcyclohexane

Concen: 14.936 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

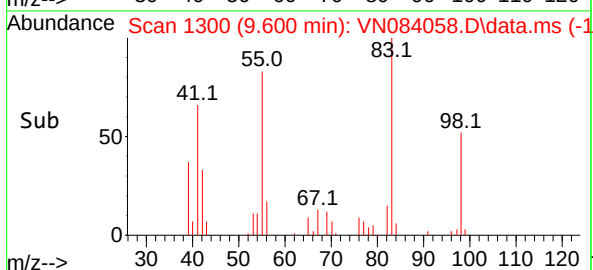
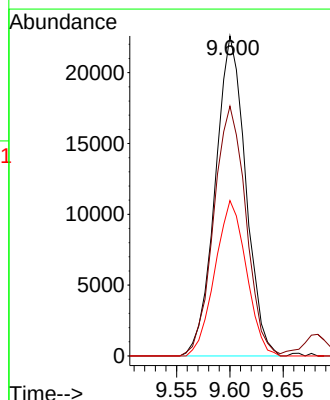
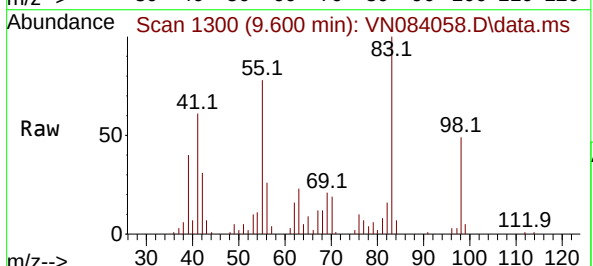
Tgt Ion: 83 Resp: 44852

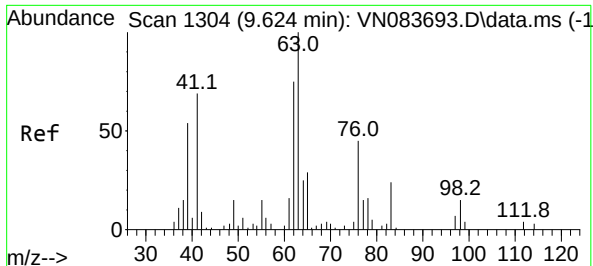
Ion Ratio Lower Upper

83 100

55 82.6 36.6 109.9

98 50.1 23.8 71.5

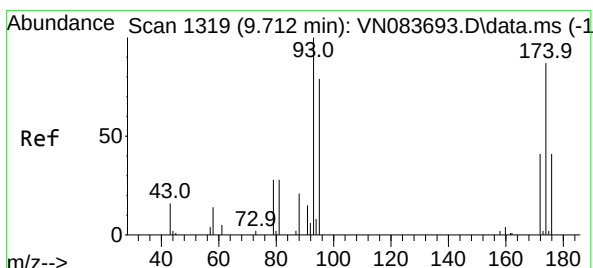
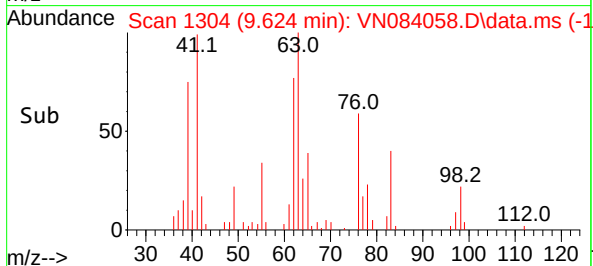
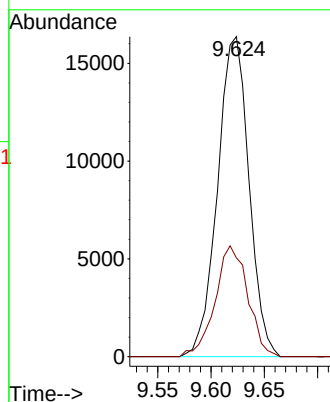
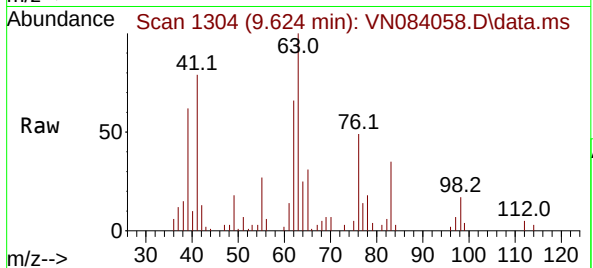




#39
1,2-Dichloropropane
Concen: 18.529 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

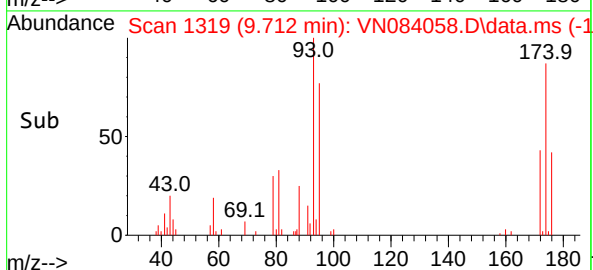
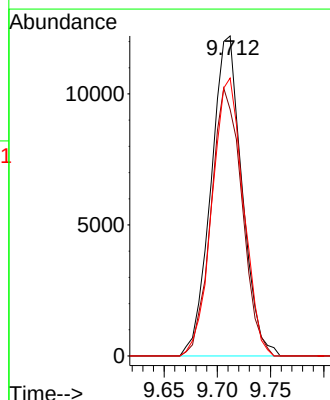
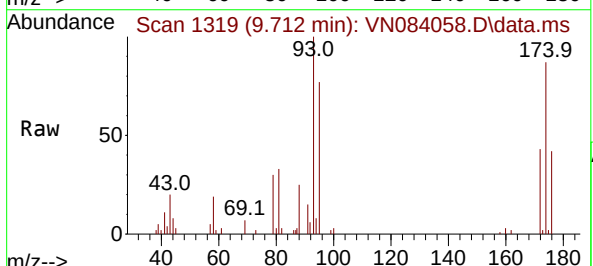
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

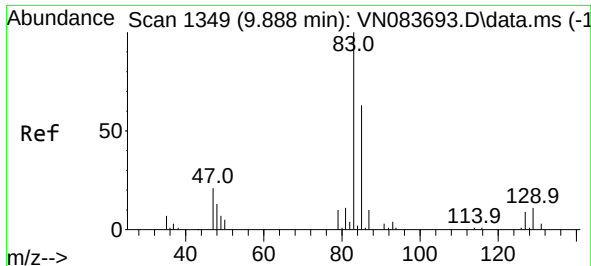
Tgt Ion: 63 Resp: 33562
Ion Ratio Lower Upper
63 100
65 30.9 25.0 37.4



#40
Dibromomethane
Concen: 18.664 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 93 Resp: 24719
Ion Ratio Lower Upper
93 100
95 83.8 0.0 164.6
174 87.4 0.0 193.2

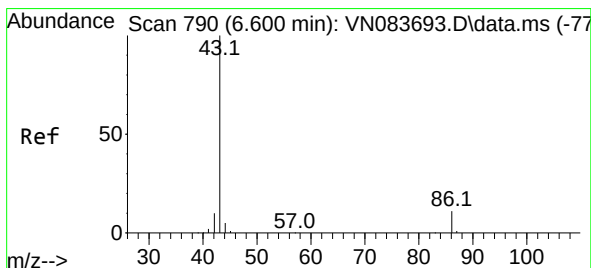
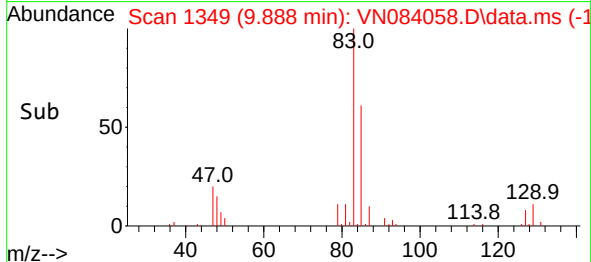
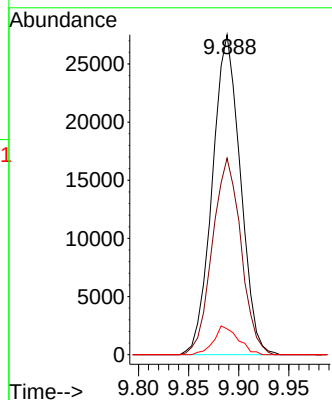
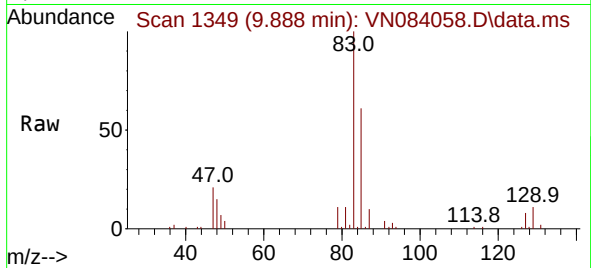




#41
Bromodichloromethane
Concen: 19.011 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

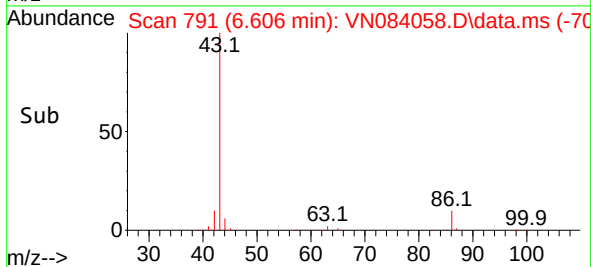
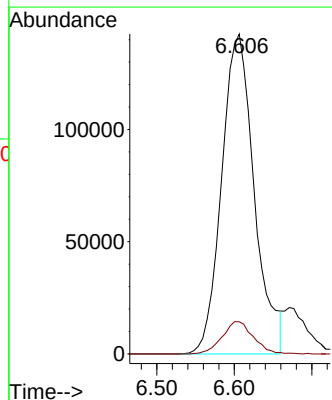
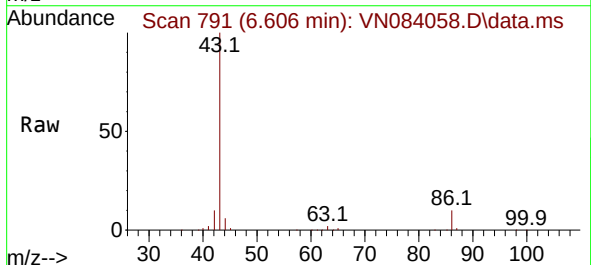
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

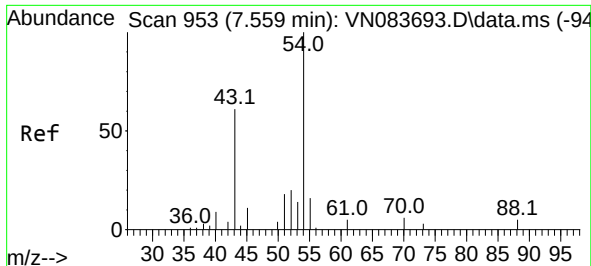
Tgt Ion: 83 Resp: 53541
Ion Ratio Lower Upper
83 100
85 61.4 49.4 74.2
127 8.1 7.3 10.9



#42
Vinyl Acetate
Concen: 85.889 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 43 Resp: 417542
Ion Ratio Lower Upper
43 100
86 9.6 9.4 14.2





#43

Ethyl Acetate

Concen: 20.277 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

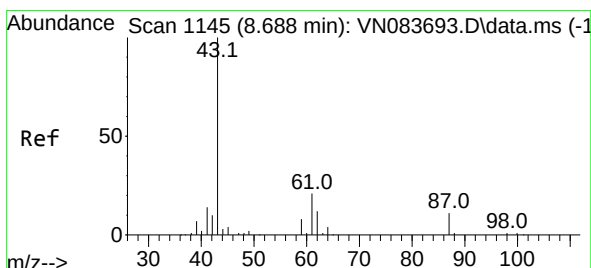
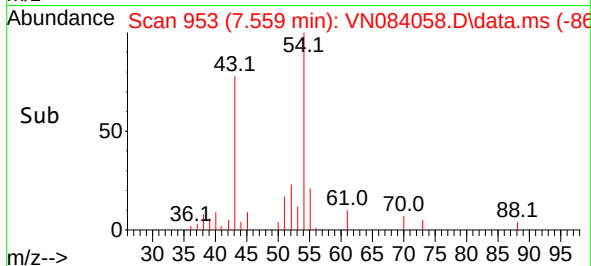
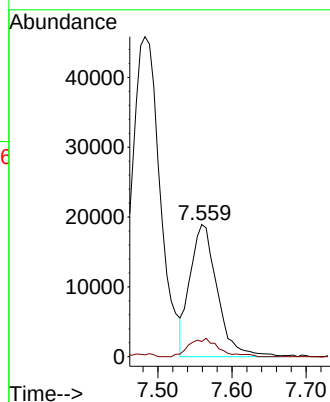
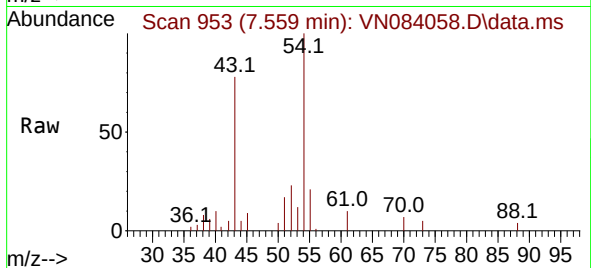
VSTDCCC020

Tgt Ion: 43 Resp: 48257

Ion Ratio Lower Upper

43 100

45 7.3 10.6 15.8#



#44

Isopropyl Acetate

Concen: 20.469 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084058.D

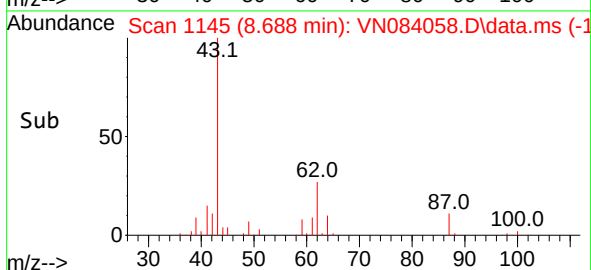
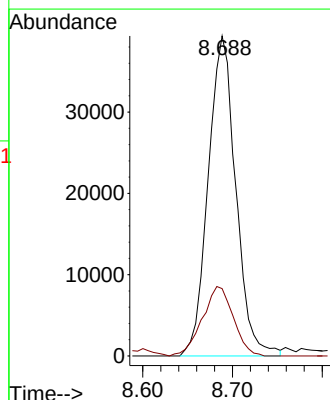
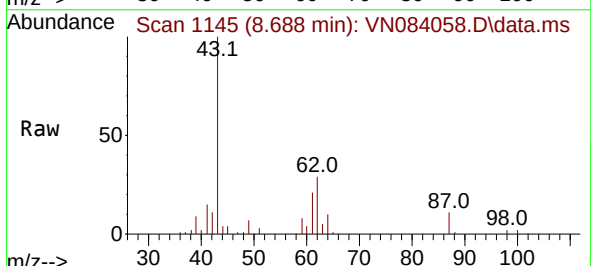
Acq: 20 Sep 2024 09:32

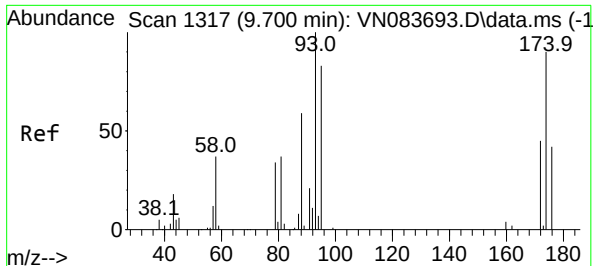
Tgt Ion: 43 Resp: 84255

Ion Ratio Lower Upper

43 100

61 24.3 25.0 37.4#





#45

1,4-Dioxane

Concen: 429.492 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

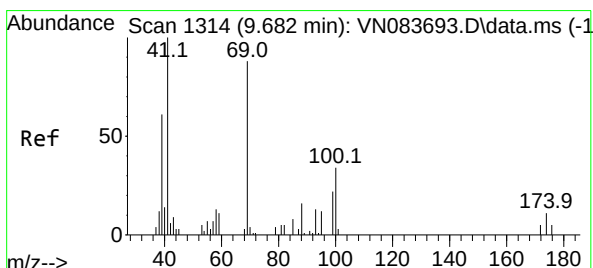
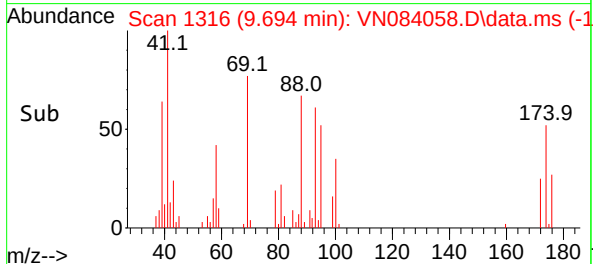
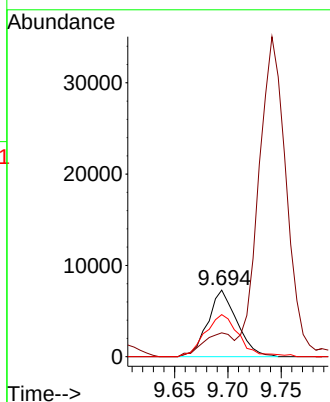
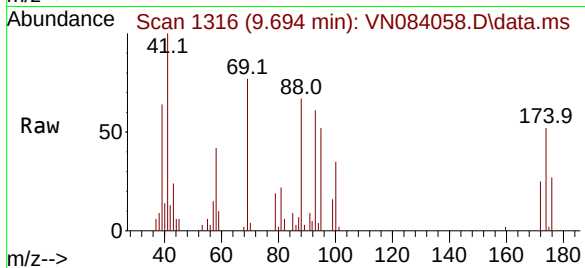
Tgt Ion: 88 Resp: 13789

Ion Ratio Lower Upper

88 100

43 37.1 19.8 29.6#

58 71.2 55.4 83.0



#46

Methyl methacrylate

Concen: 18.641 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

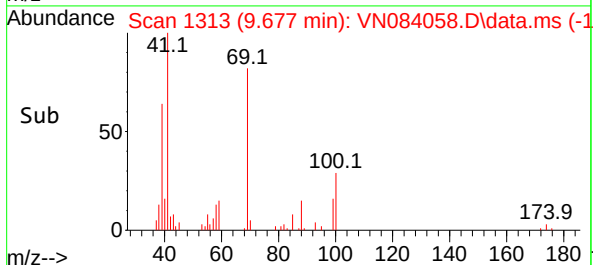
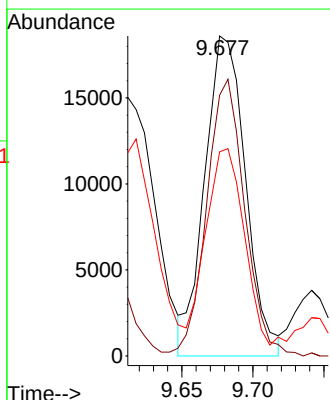
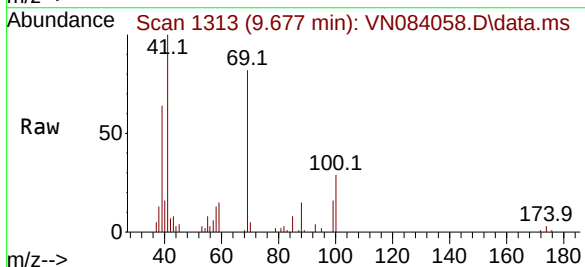
Tgt Ion: 41 Resp: 37140

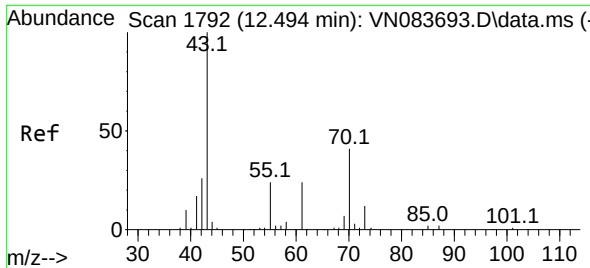
Ion Ratio Lower Upper

41 100

69 84.4 51.1 153.3

39 61.8 25.8 77.3

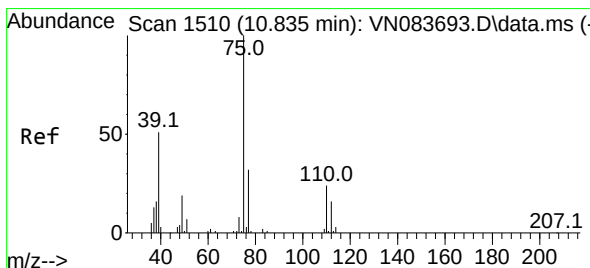
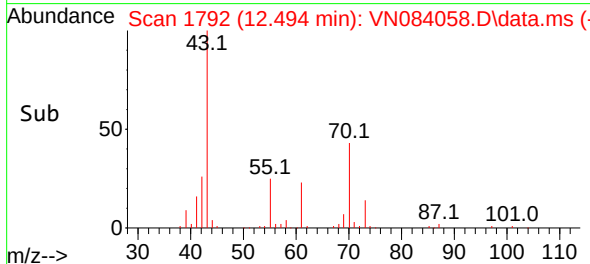
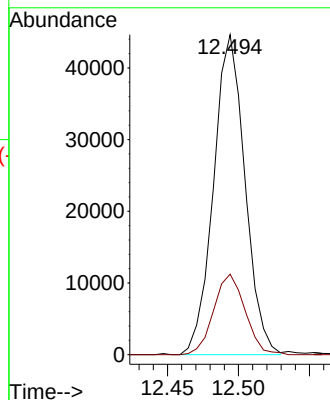
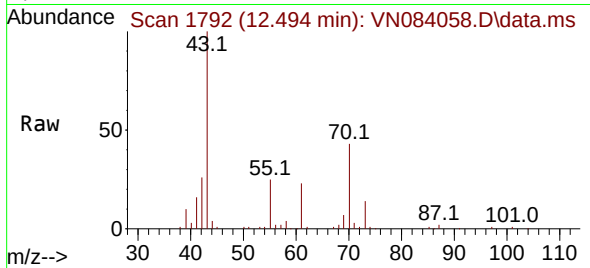




#47
n-amyl acetate
Concen: 18.831 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

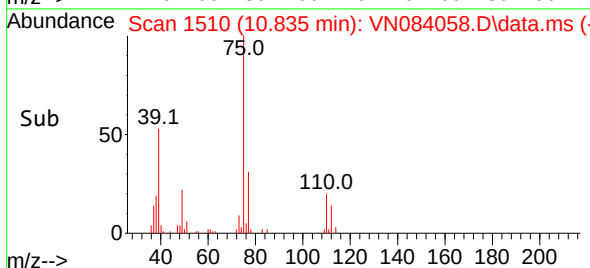
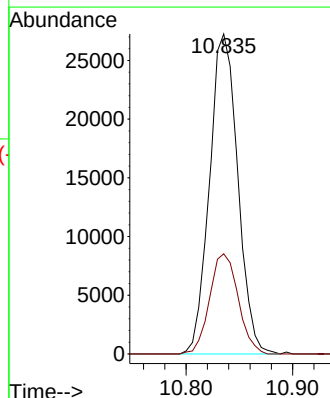
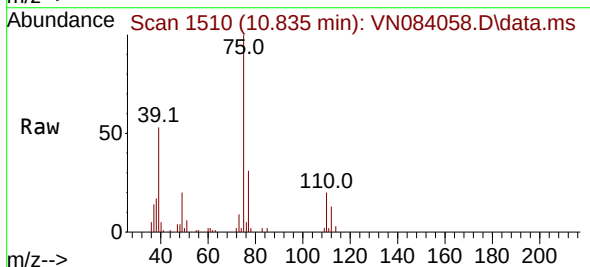
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

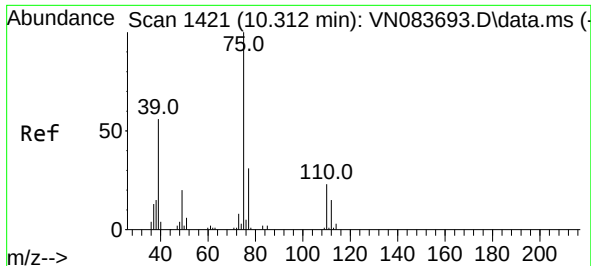
Tgt Ion: 43 Resp: 68661
Ion Ratio Lower Upper
43 100
55 25.1 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 16.951 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 75 Resp: 50217
Ion Ratio Lower Upper
75 100
77 31.3 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 17.470 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

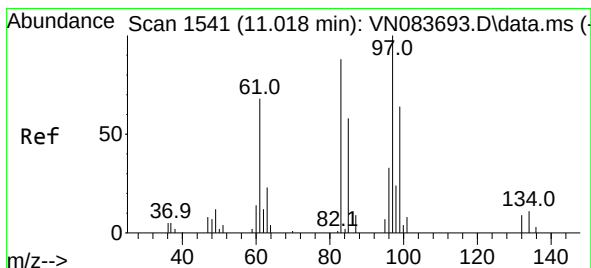
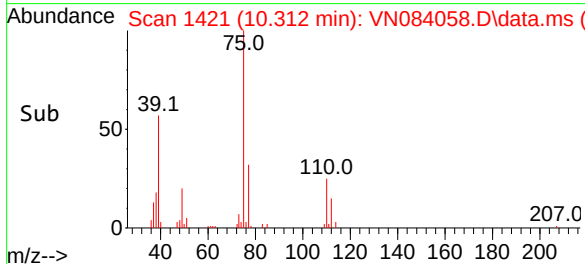
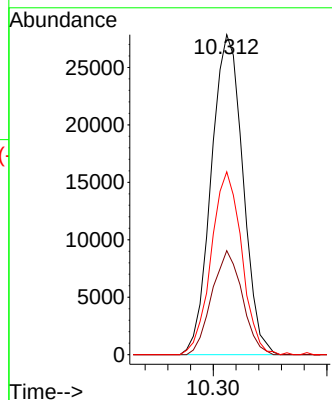
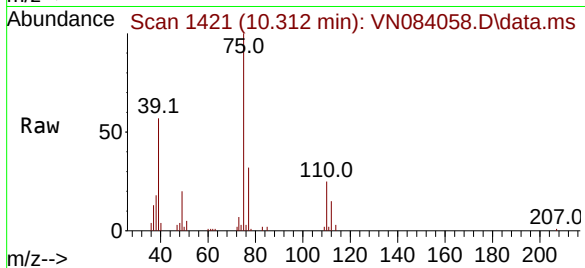
Tgt Ion: 75 Resp: 53823

Ion Ratio Lower Upper

75 100

77 32.5 24.9 37.3

39 57.2 31.0 46.6#



#50

1,1,2-Trichloroethane

Concen: 18.566 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Tgt Ion: 97 Resp: 31288

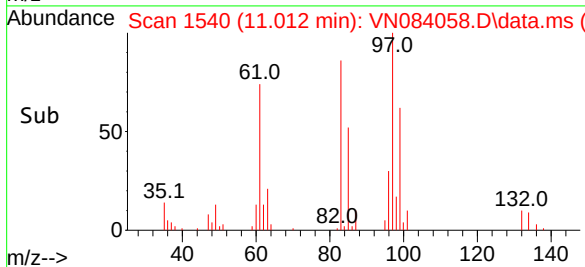
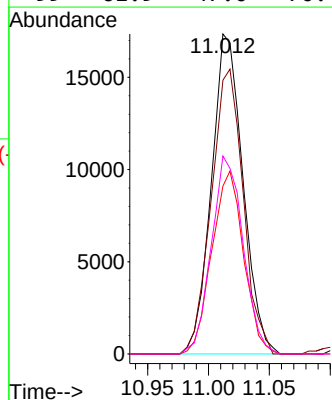
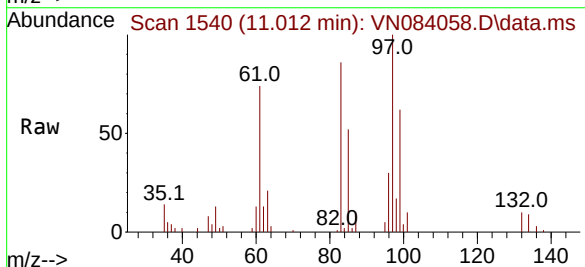
Ion Ratio Lower Upper

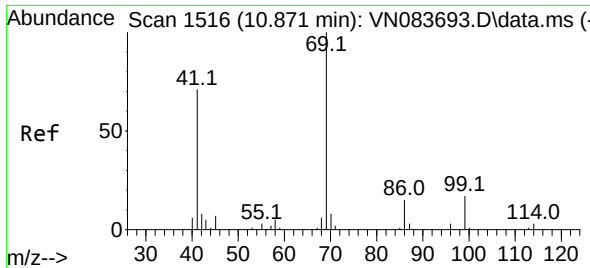
97 100

83 85.6 68.1 102.1

85 52.4 41.8 62.6

99 61.9 47.0 70.4

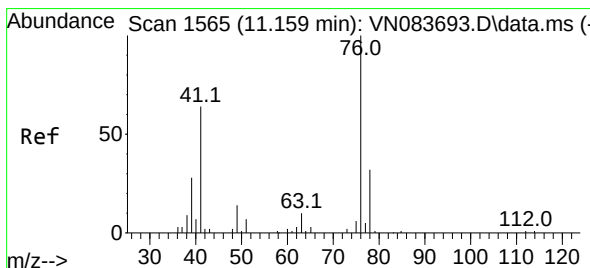
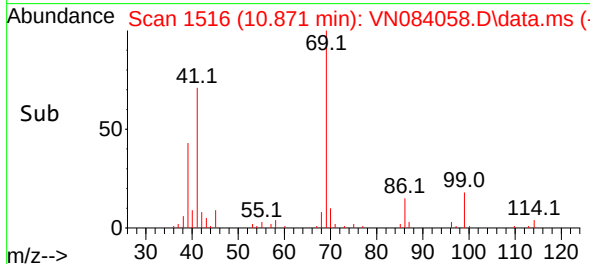
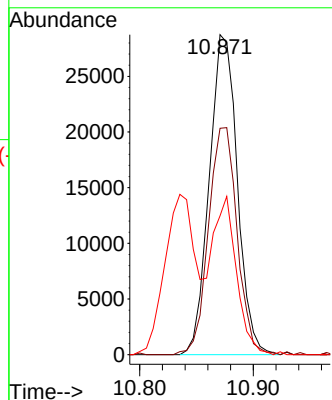
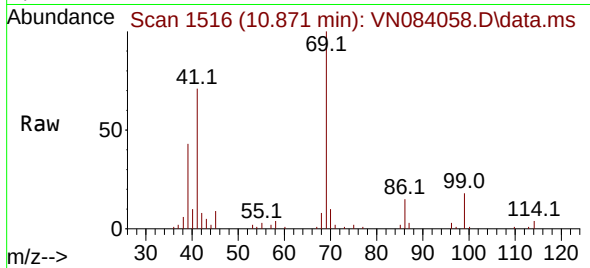




#51
Ethyl methacrylate
Concen: 17.149 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

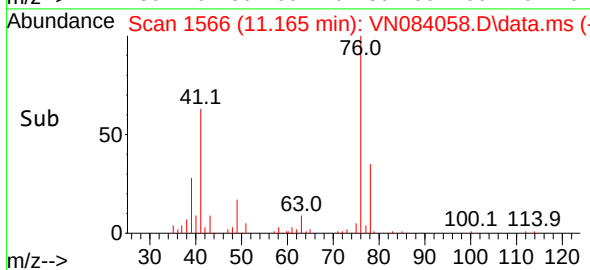
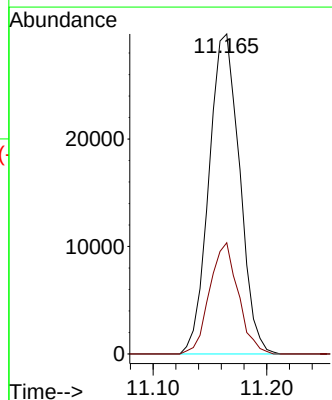
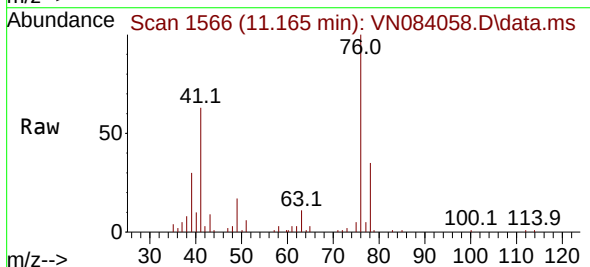
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

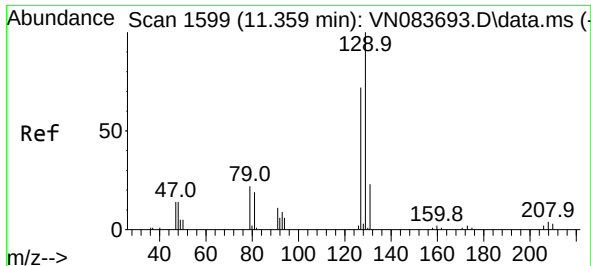
Tgt Ion: 69 Resp: 49377
Ion Ratio Lower Upper
69 100
41 70.7 25.5 76.5
39 42.5 16.0 47.9



#52
1,3-Dichloropropane
Concen: 18.358 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 76 Resp: 55872
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.8

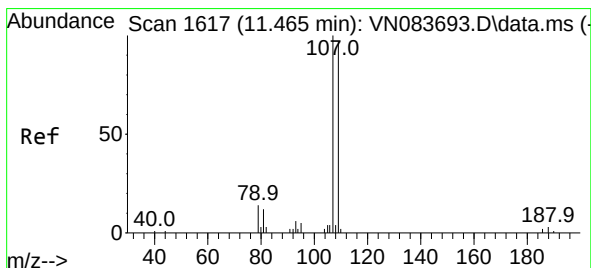
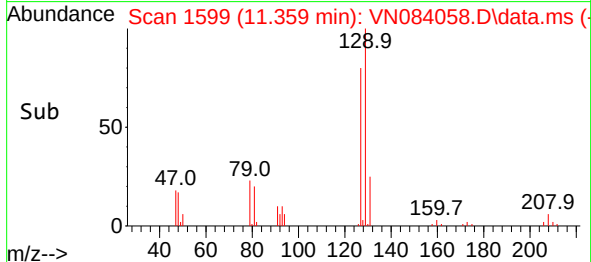
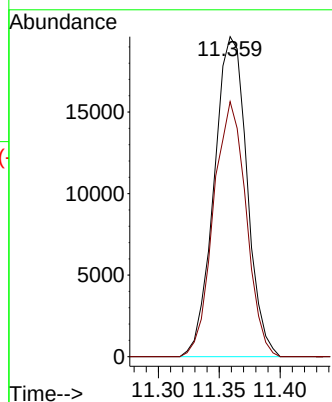
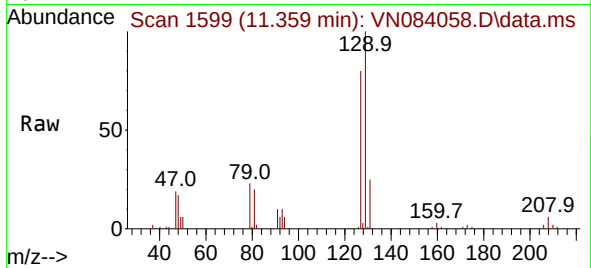




#53
Dibromochloromethane
Concen: 18.274 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

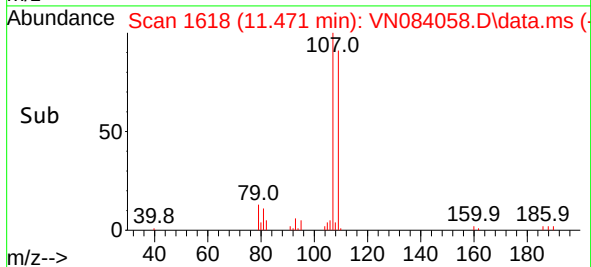
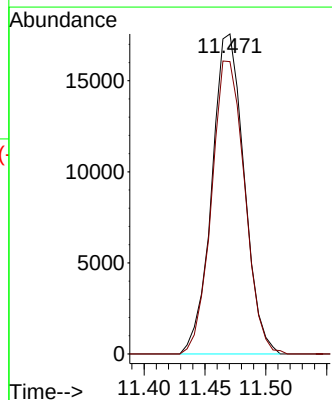
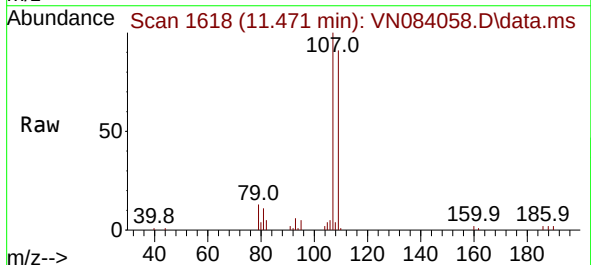
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

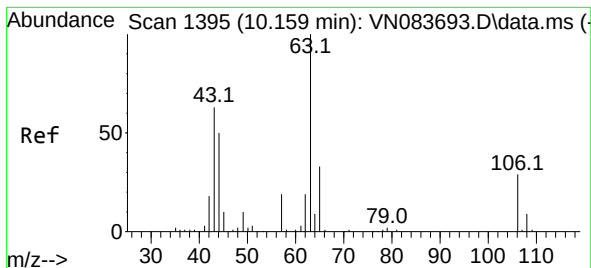
Tgt Ion:129 Resp: 36938
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.1



#54
1,2-Dibromoethane
Concen: 18.634 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion:107 Resp: 32488
Ion Ratio Lower Upper
107 100
109 93.6 74.7 112.1

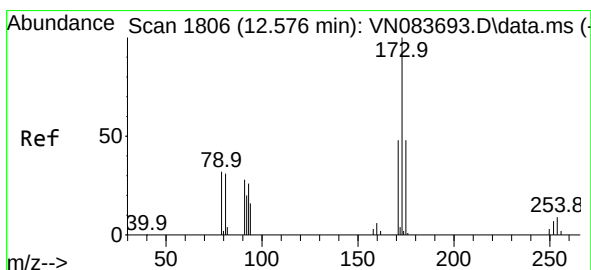
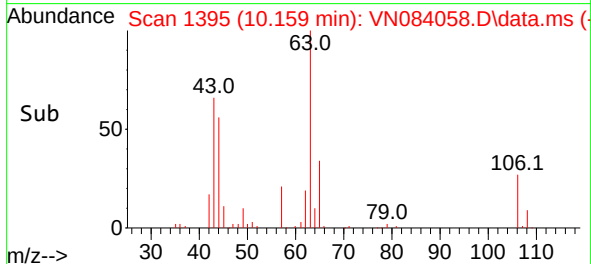
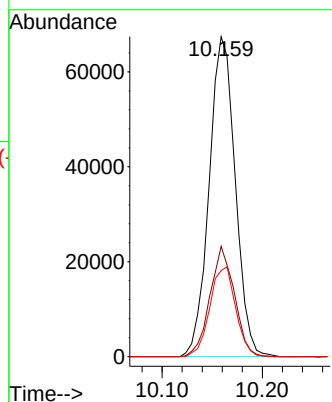
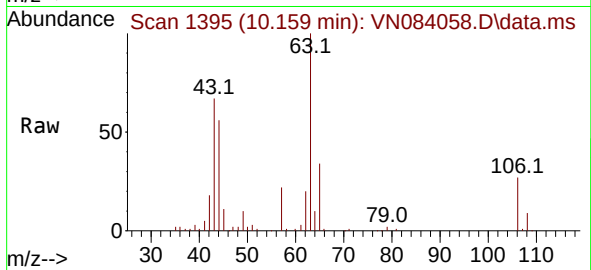




#55
2-Chloroethyl vinyl ether
Concen: 106.481 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

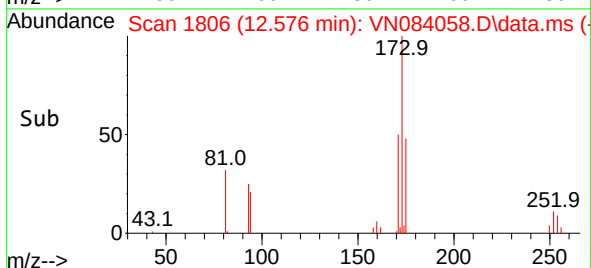
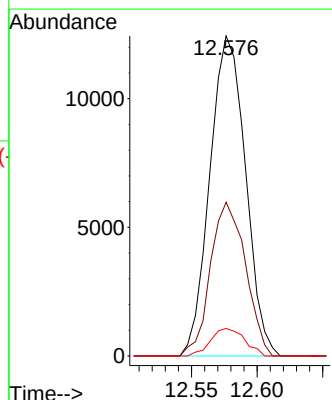
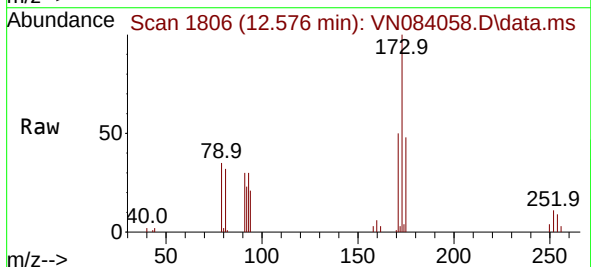
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

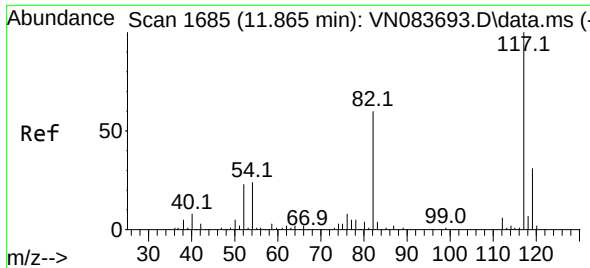
Tgt Ion: 63 Resp: 122181
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 27.7 23.8 35.8



#56
Bromoform
Concen: 18.334 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion:173 Resp: 23545
Ion Ratio Lower Upper
173 100
175 47.3 40.0 60.0
254 8.2 8.3 12.5#

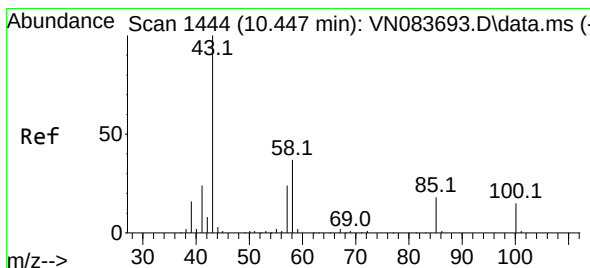
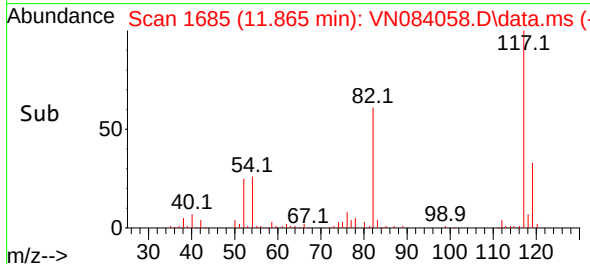
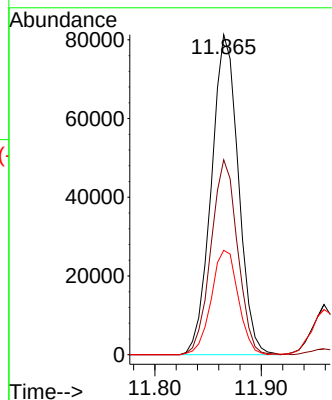
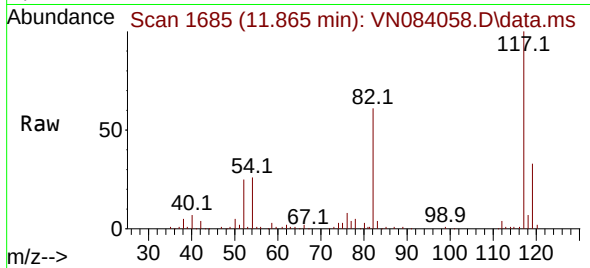




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

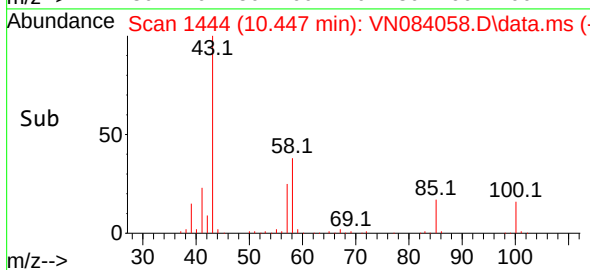
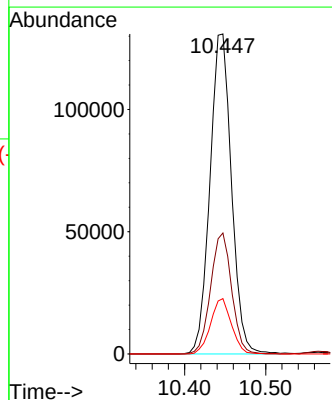
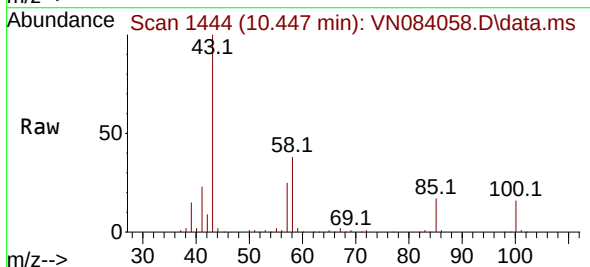
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

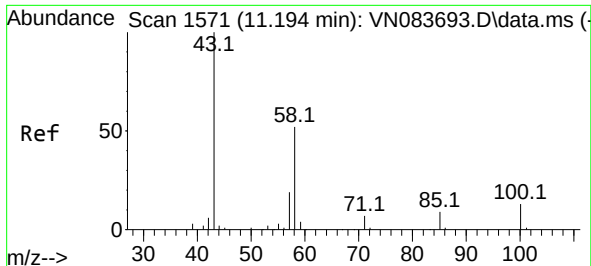
Tgt Ion:117 Resp: 143298
Ion Ratio Lower Upper
117 100
82 59.9 46.6 69.8
119 32.6 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 106.177 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 43 Resp: 241251
Ion Ratio Lower Upper
43 100
58 36.9 36.5 54.7
85 16.7 19.5 29.3#

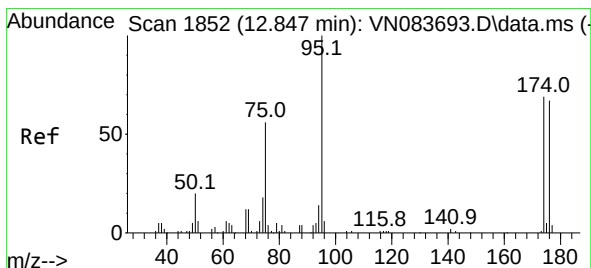
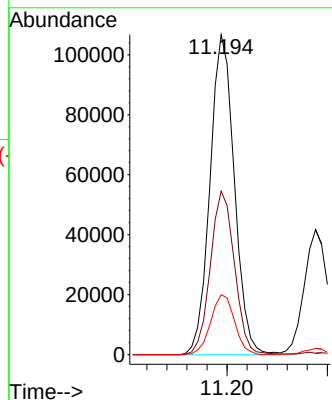
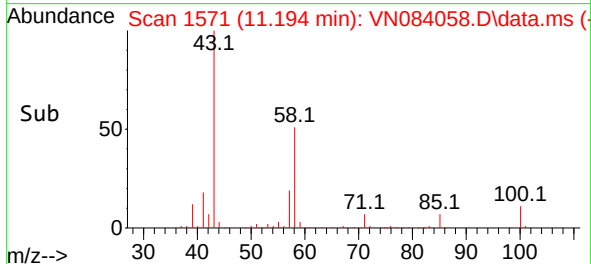
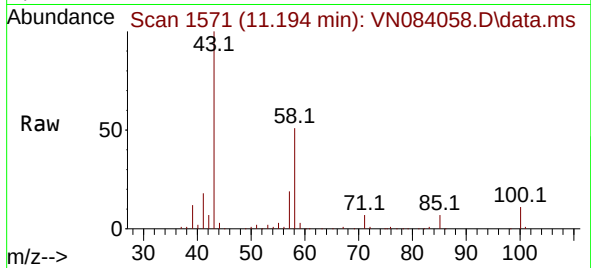




#59
2-Hexanone
Concen: 104.995 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

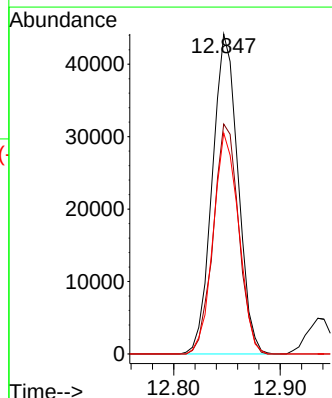
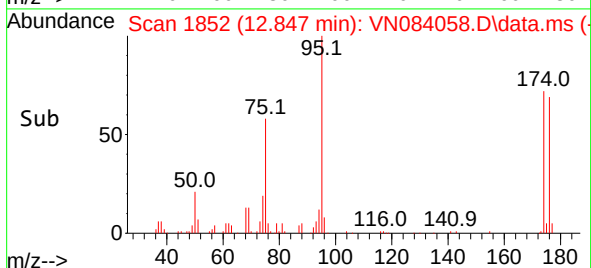
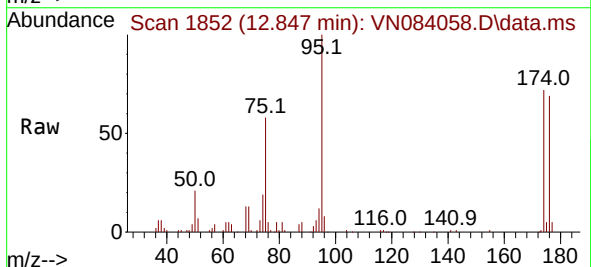
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MSVOA_N
ClientSampleId :
VSTDCCC020

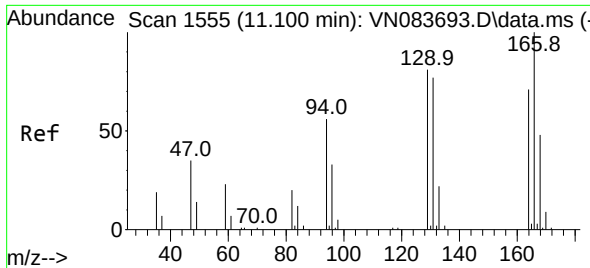
Tgt Ion: 43 Resp: 180263
Ion Ratio Lower Upper
43 100
58 50.6 50.4 75.6
57 18.3 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 29.915 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 95 Resp: 73881
Ion Ratio Lower Upper
95 100
174 70.8 60.5 90.7
176 68.5 57.8 86.6

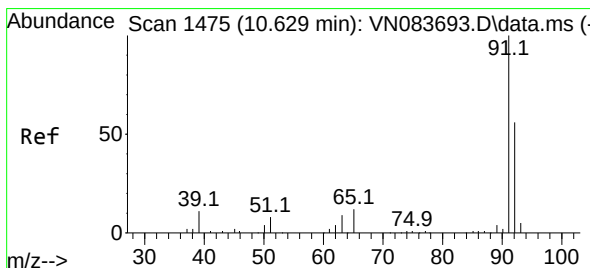
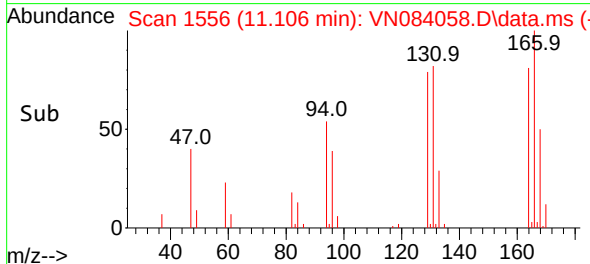
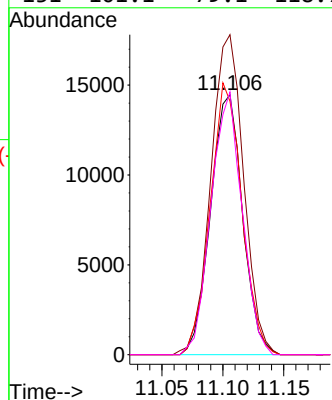
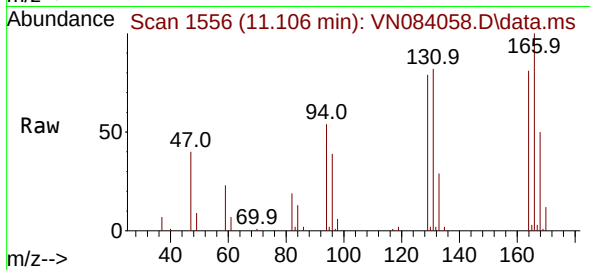




#61
Tetrachloroethene
Concen: 17.436 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

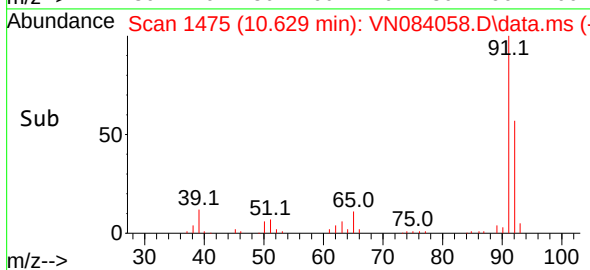
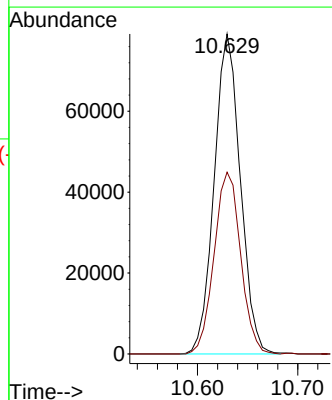
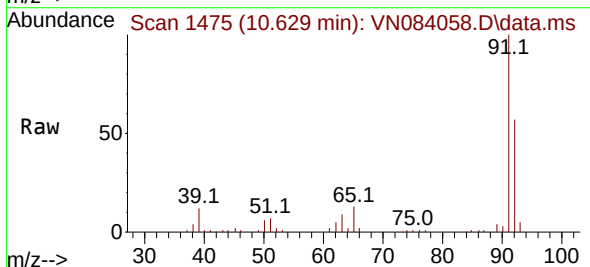
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

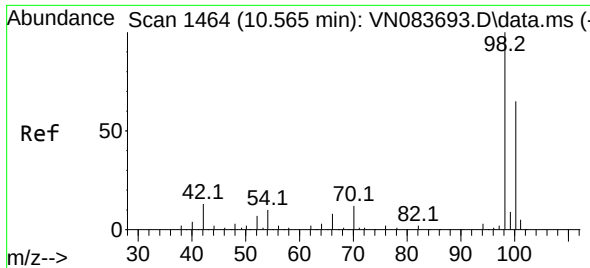
Tgt Ion:164 Resp: 26442
Ion Ratio Lower Upper
164 100
166 123.1 106.7 160.1
129 97.5 85.8 128.6
131 101.1 79.1 118.7



#62
Toluene
Concen: 17.367 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 91 Resp: 143048
Ion Ratio Lower Upper
91 100
92 57.7 46.5 69.7

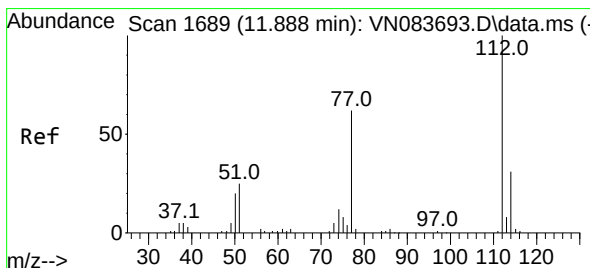
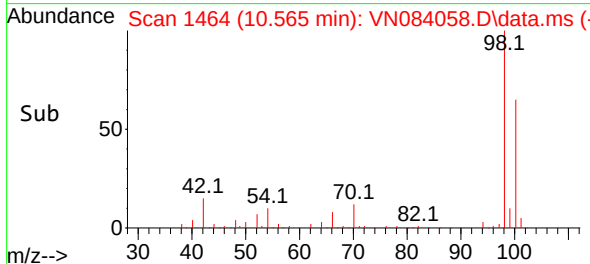
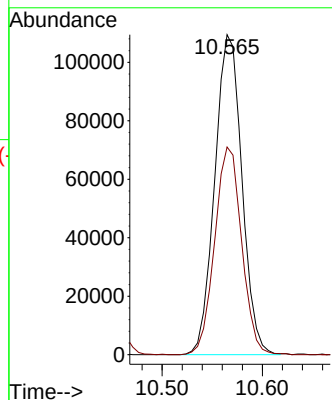
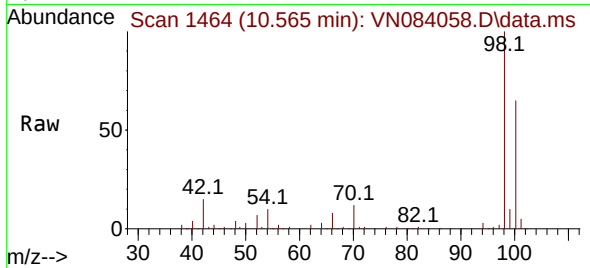




#63
Toluene-d8
Concen: 31.072 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

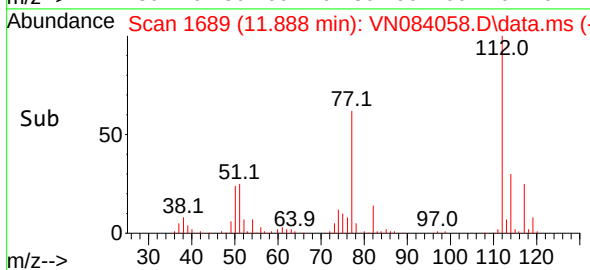
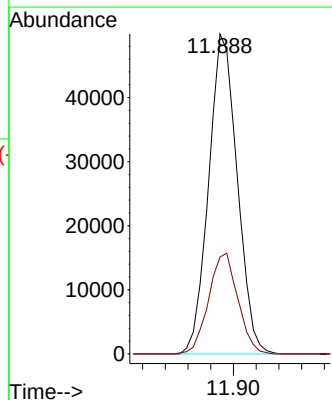
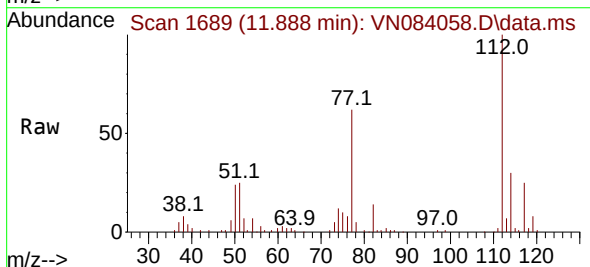
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

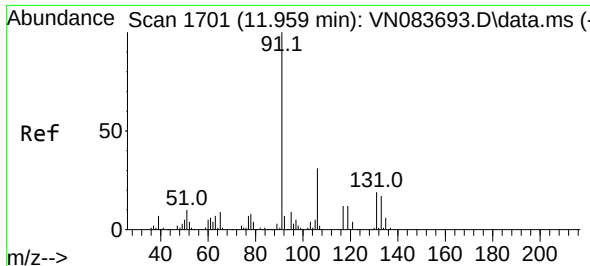
Tgt Ion: 98 Resp: 206167
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#64
Chlorobenzene
Concen: 17.093 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 112 Resp: 87167
Ion Ratio Lower Upper
112 100
114 30.3 26.6 39.8

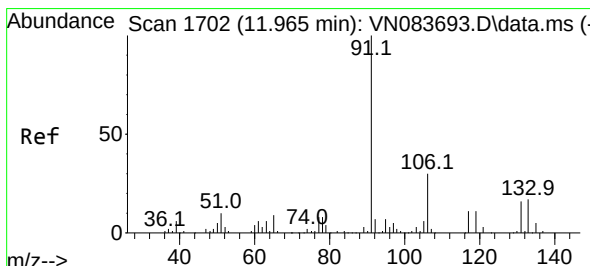
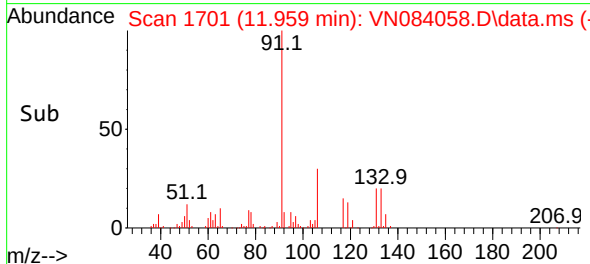
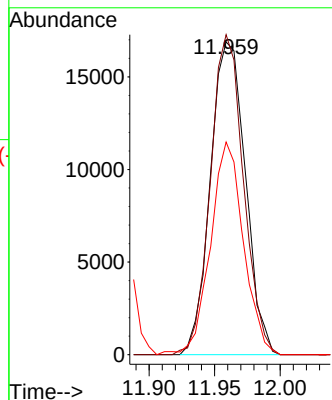
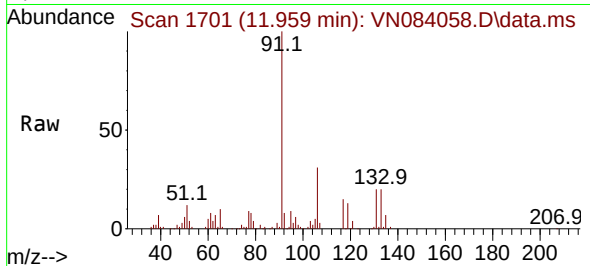




#65
1,1,1,2-Tetrachloroethane
Concen: 17.668 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

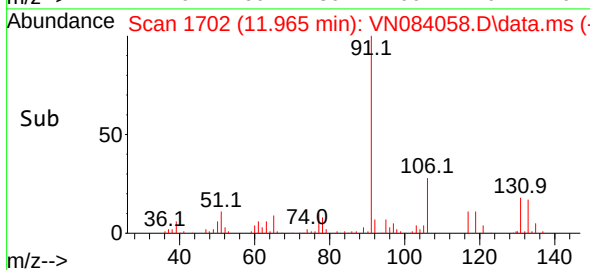
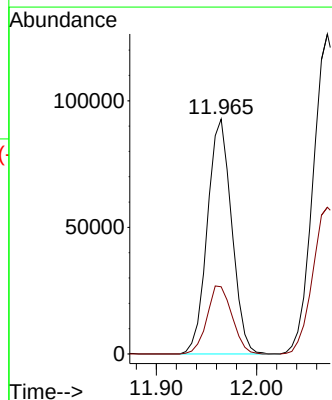
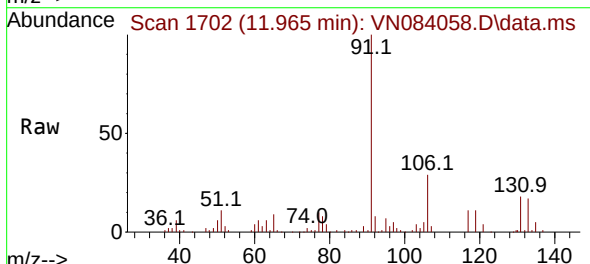
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

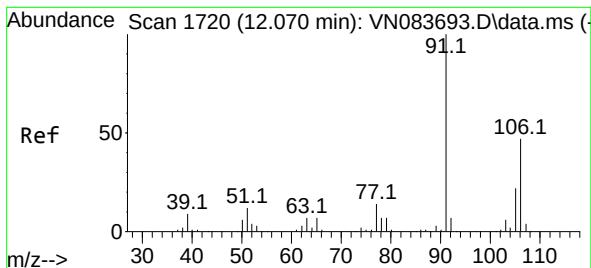
Tgt Ion:131 Resp: 31387
Ion Ratio Lower Upper
131 100
133 96.4 0.0 188.0
119 63.4 0.0 122.8



#66
Ethyl Benzene
Concen: 16.669 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 91 Resp: 156129
Ion Ratio Lower Upper
91 100
106 28.6 24.4 36.6

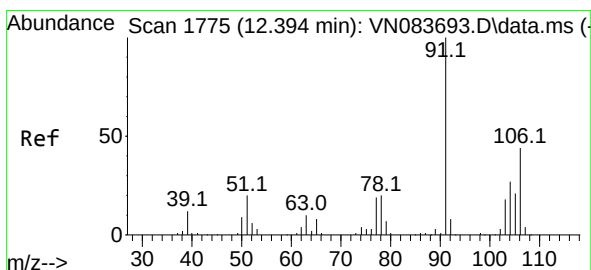
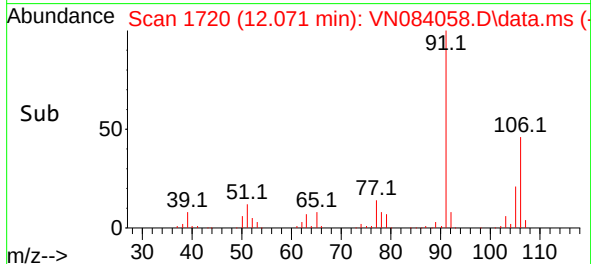
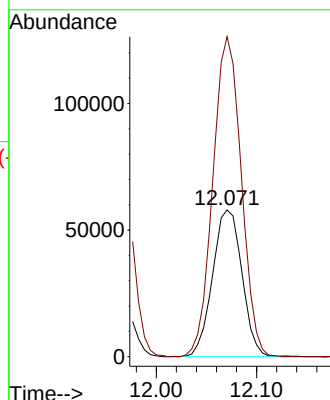
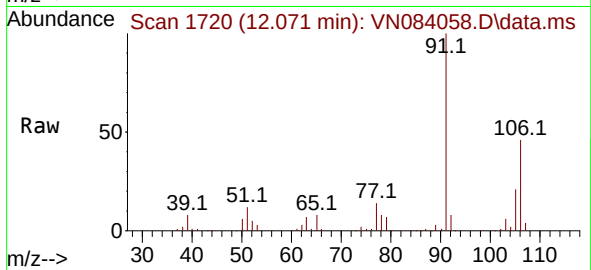




#67
m/p-Xylenes
Concen: 34.122 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

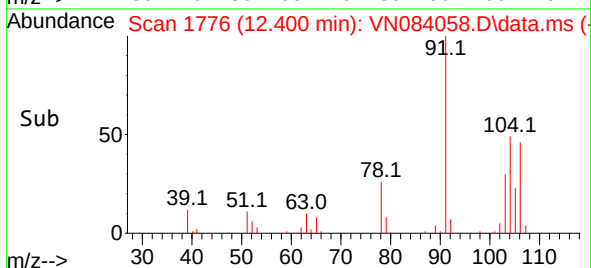
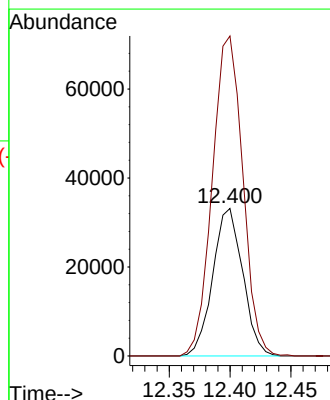
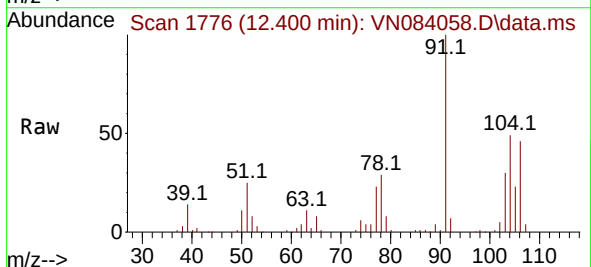
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

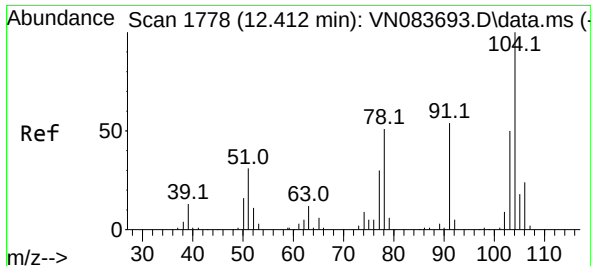
Tgt Ion:106 Resp: 117586
Ion Ratio Lower Upper
106 100
91 211.4 166.6 249.8



#68
o-Xylene
Concen: 17.037 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion:106 Resp: 56821
Ion Ratio Lower Upper
106 100
91 220.3 110.0 330.0

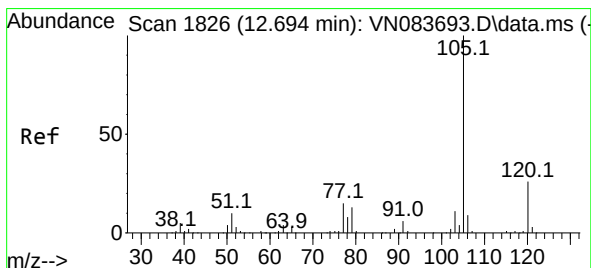
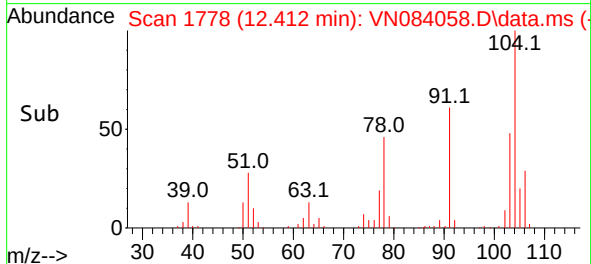
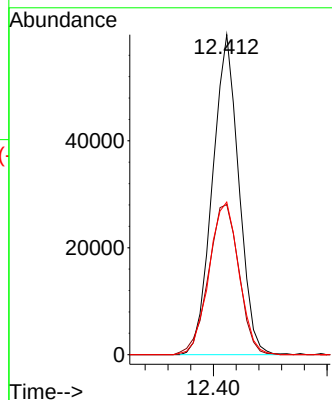
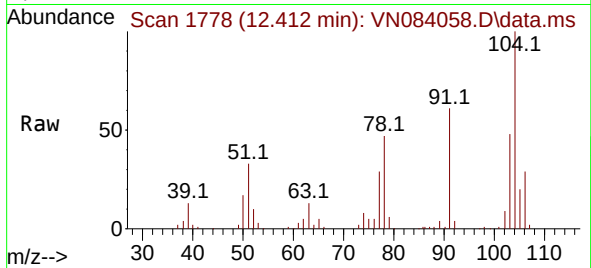




#69
Styrene
Concen: 17.051 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

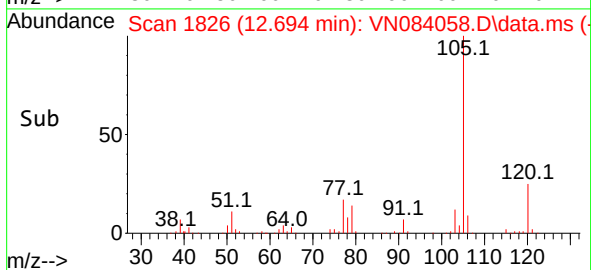
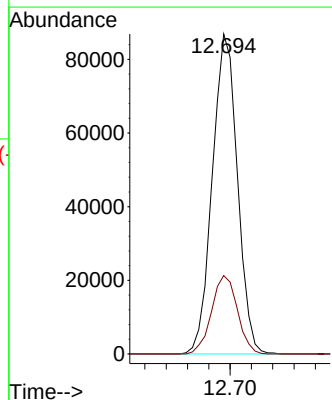
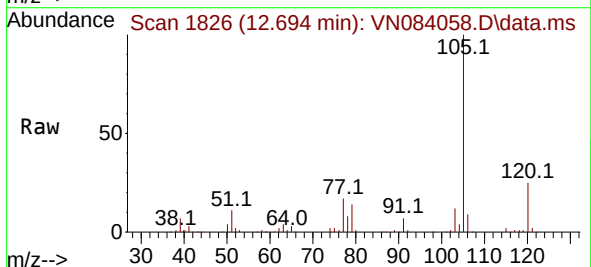
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

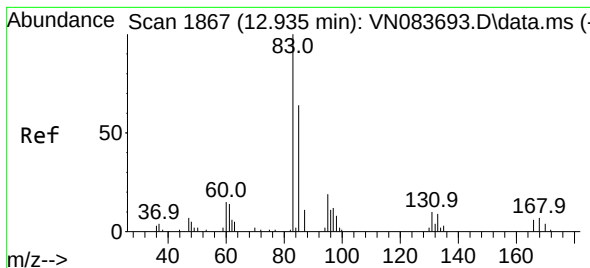
Tgt Ion:104 Resp: 96087
Ion Ratio Lower Upper
104 100
78 54.2 42.6 64.0
103 54.1 43.7 65.5



#70
Isopropylbenzene
Concen: 16.129 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion:105 Resp: 141959
Ion Ratio Lower Upper
105 100
120 25.2 17.8 33.1

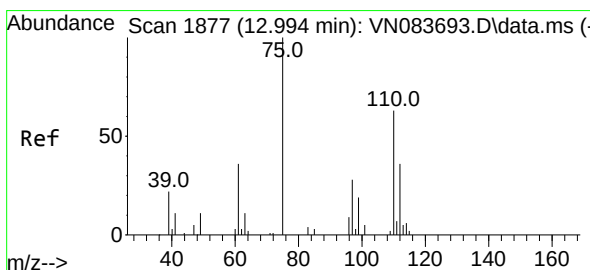
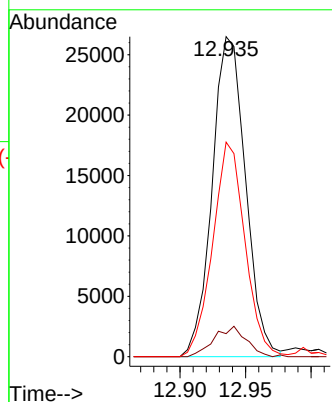
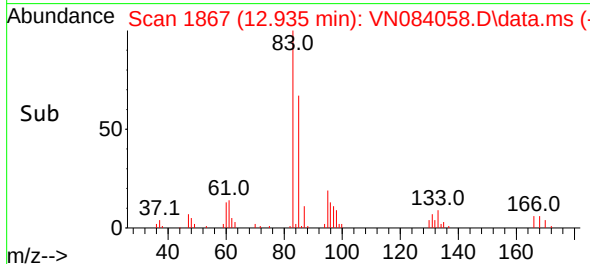
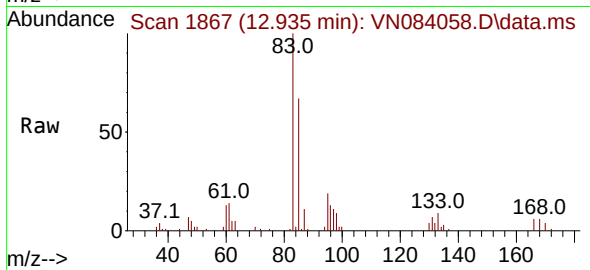




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.511 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084058.D
 Acq: 20 Sep 2024 09:32

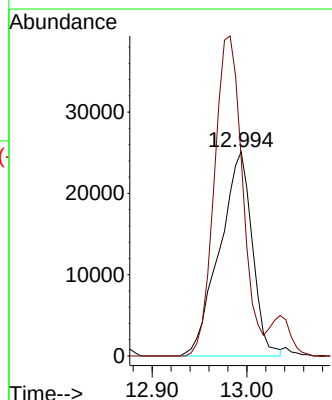
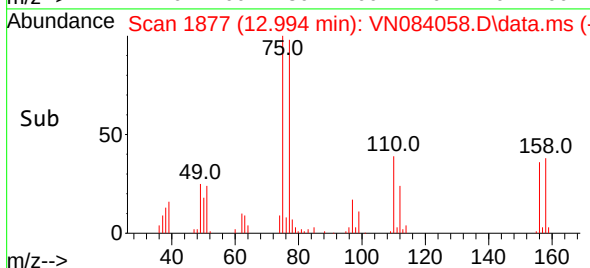
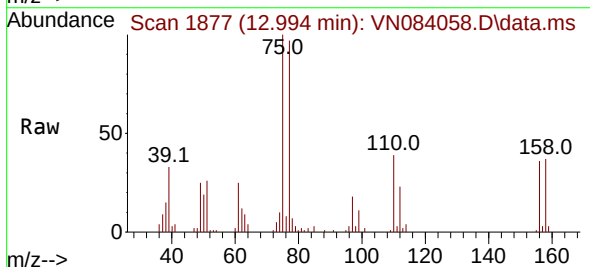
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

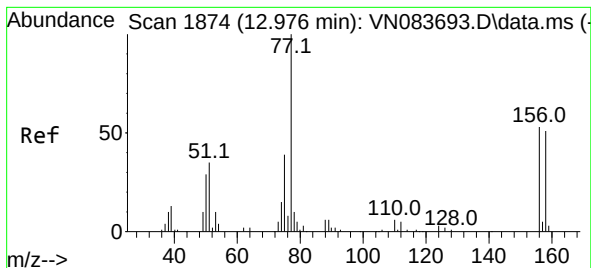
Tgt Ion: 83 Resp: 46901
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.2 15.6
 85 64.8 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 28.489 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN084058.D
 Acq: 20 Sep 2024 09:32

Tgt Ion: 75 Resp: 60045
 Ion Ratio Lower Upper
 75 100
 77 135.4 0.0 367.6





#73

Bromobenzene

Concen: 16.977 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

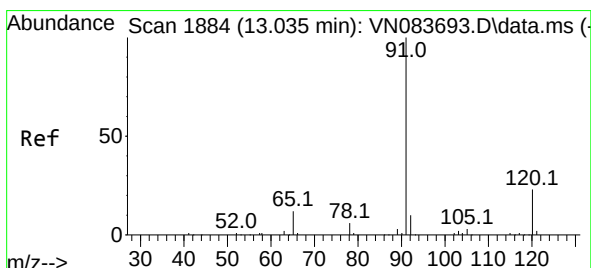
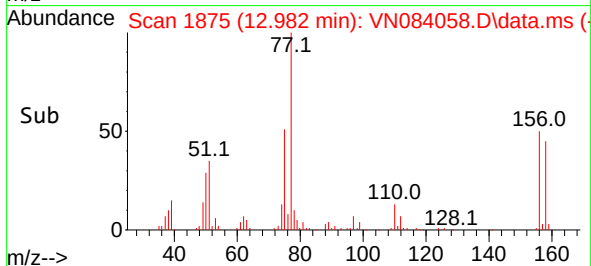
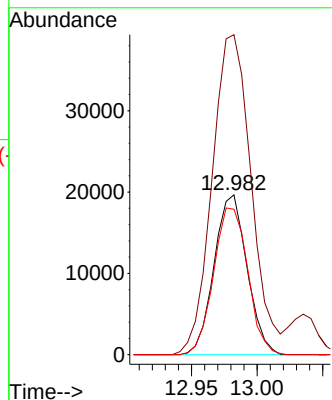
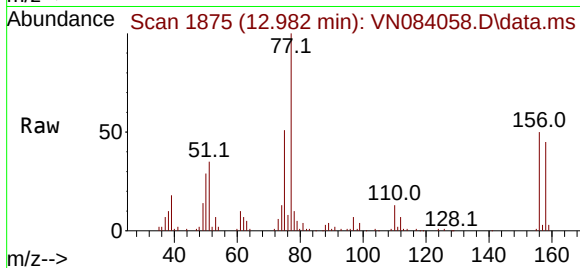
Tgt Ion:156 Resp: 34320

Ion Ratio Lower Upper

156 100

77 236.9 0.0 437.6

158 95.3 0.0 203.8



#74

n-propylbenzene

Concen: 16.642 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084058.D

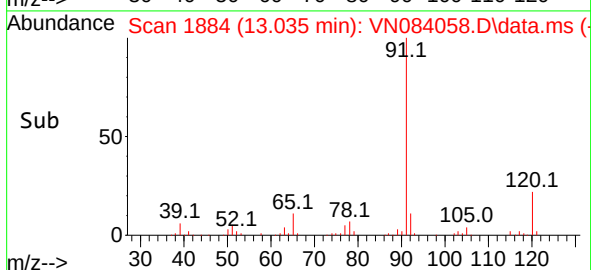
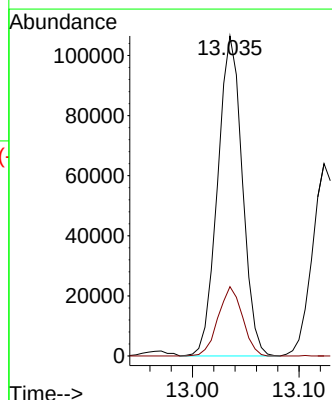
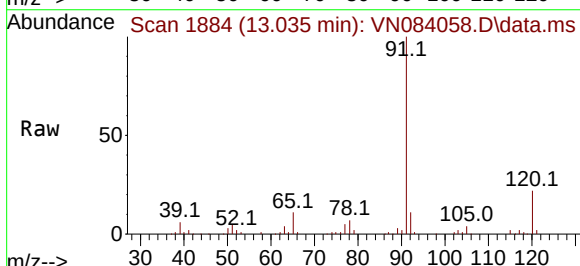
Acq: 20 Sep 2024 09:32

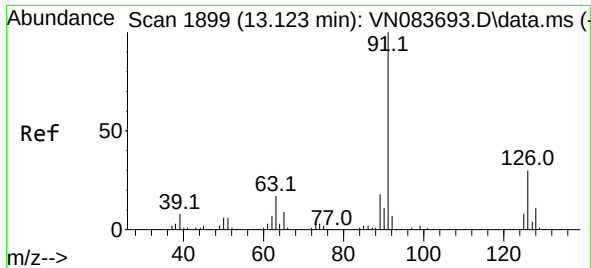
Tgt Ion: 91 Resp: 171464

Ion Ratio Lower Upper

91 100

120 21.3 0.0 43.8

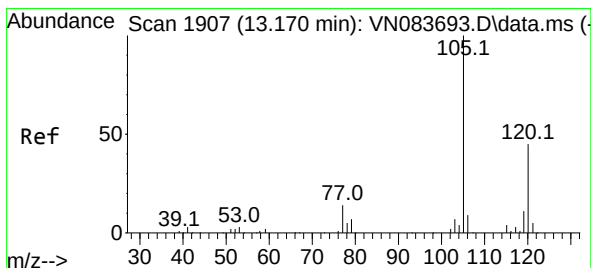
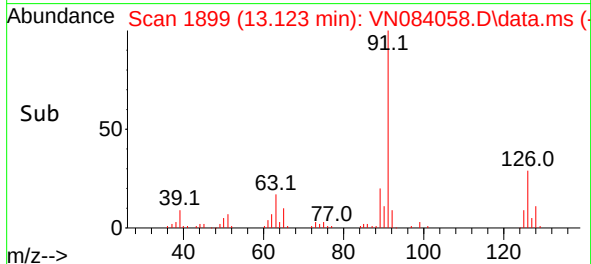
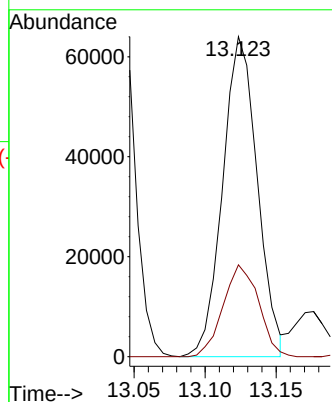
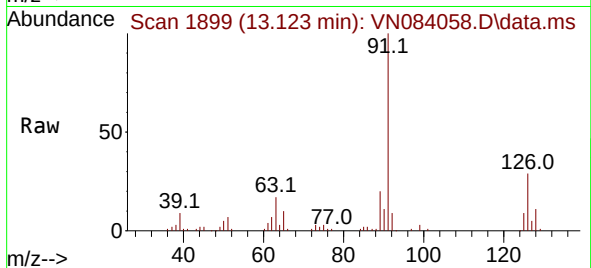




#75
2-Chlorotoluene
Concen: 16.883 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

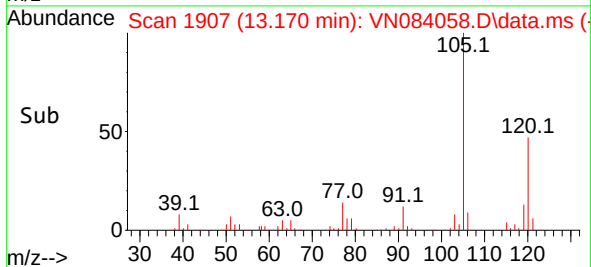
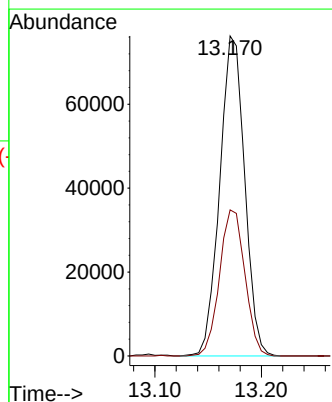
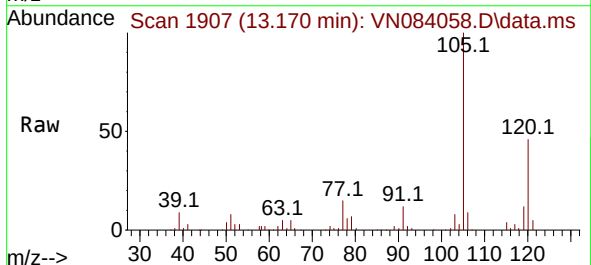
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

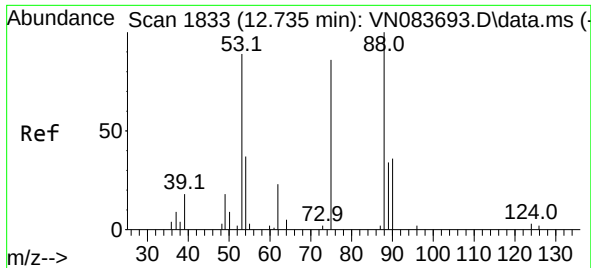
Tgt Ion: 91 Resp: 108565
Ion Ratio Lower Upper
91 100
126 29.4 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 16.861 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 105 Resp: 123964
Ion Ratio Lower Upper
105 100
120 46.5 0.0 95.8

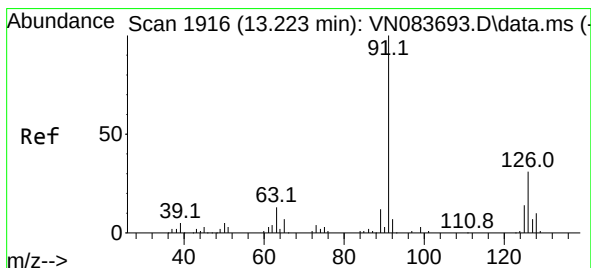
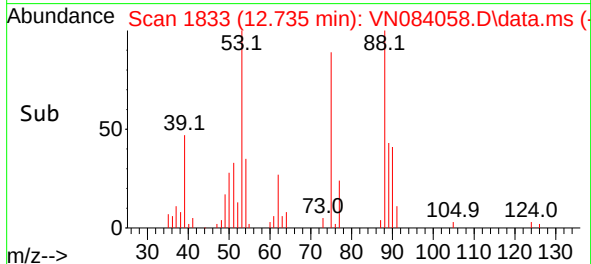
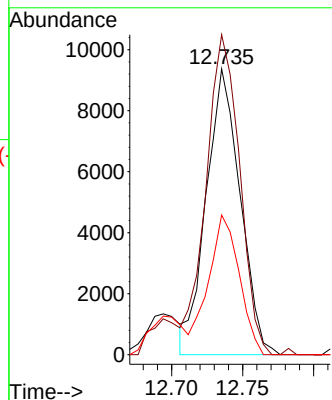
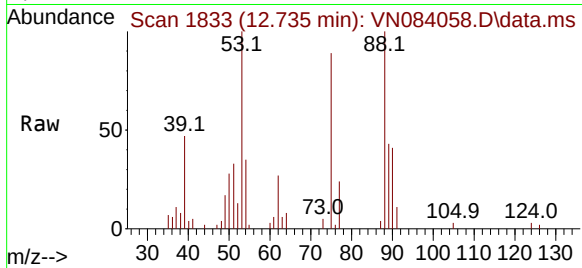




#77
t-1,4-Dichloro-2-butene
Concen: 17.473 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

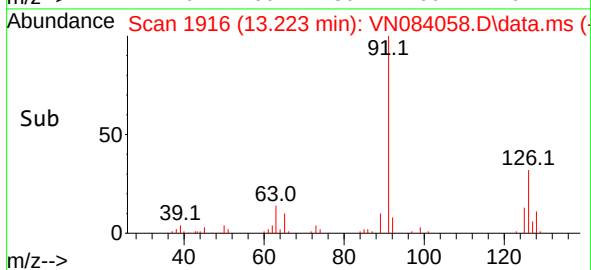
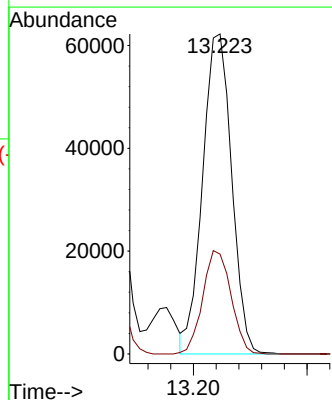
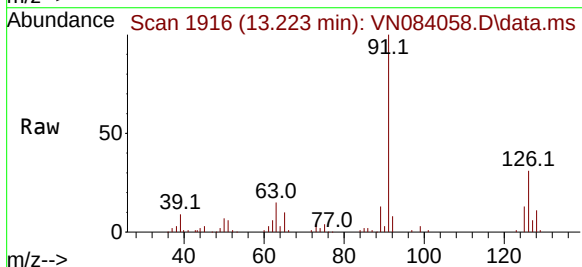
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

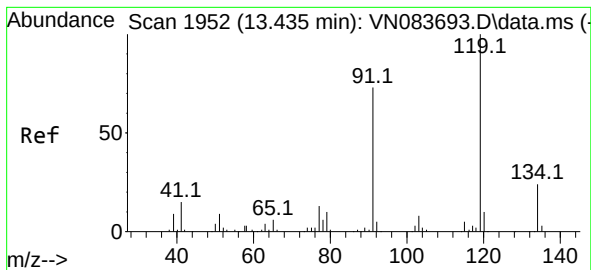
Tgt Ion: 75 Resp: 15566
Ion Ratio Lower Upper
75 100
53 112.0 45.9 137.7
89 48.9 25.9 77.7



#78
4-Chlorotoluene
Concen: 16.966 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 91 Resp: 110639
Ion Ratio Lower Upper
91 100
126 31.5 0.0 62.8





#79

tert-butylbenzene

Concen: 15.897 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

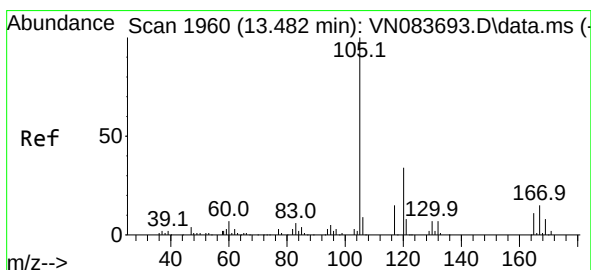
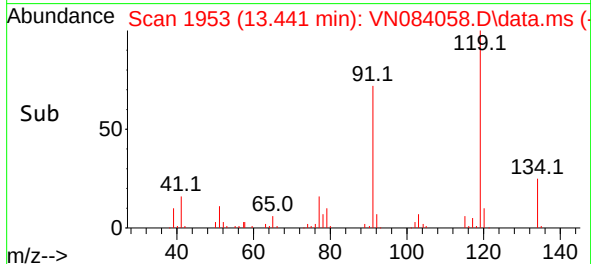
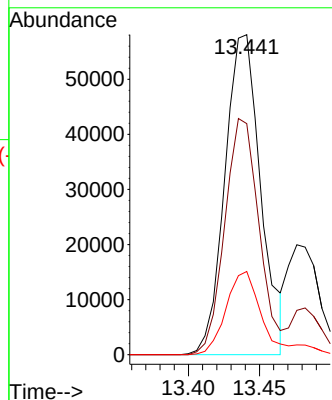
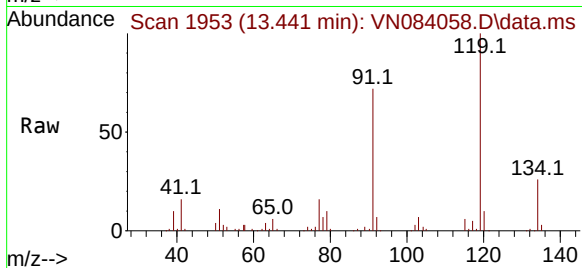
Tgt Ion:119 Resp: 102201

Ion Ratio Lower Upper

119 100

91 70.4 0.0 138.8

134 25.0 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 16.688 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084058.D

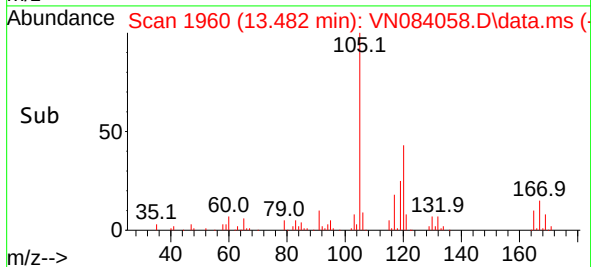
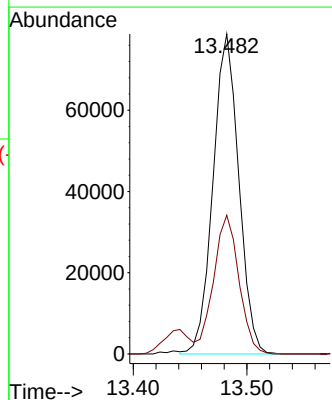
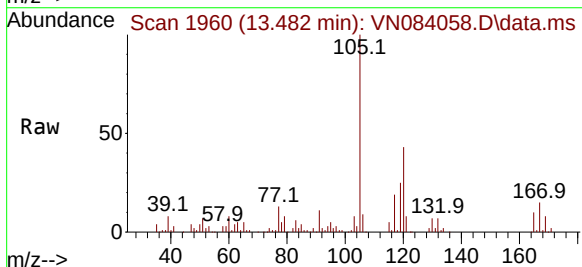
Acq: 20 Sep 2024 09:32

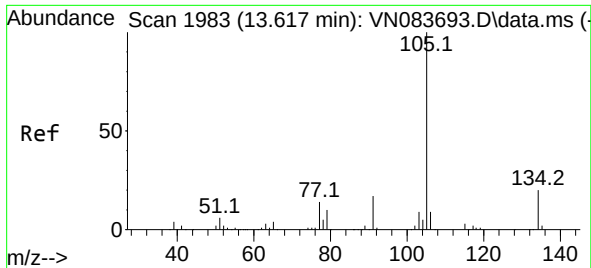
Tgt Ion:105 Resp: 123988

Ion Ratio Lower Upper

105 100

120 42.9 0.0 86.8

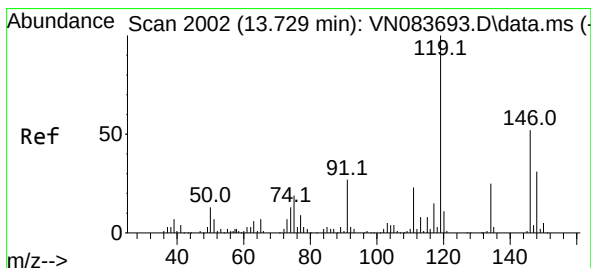
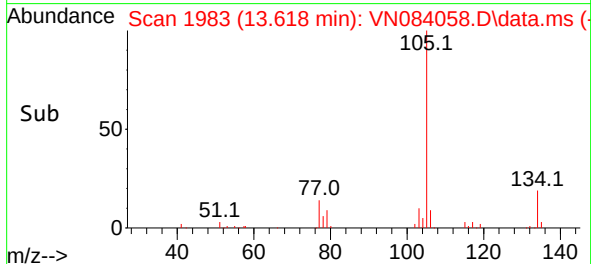
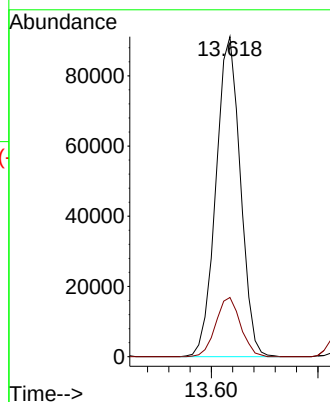
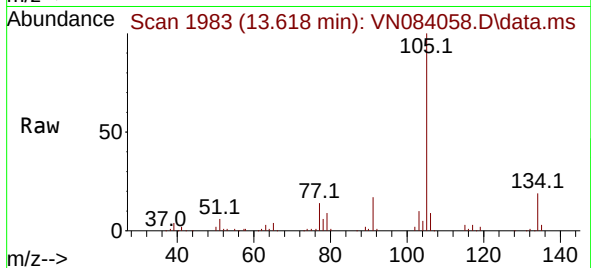




#81
 sec-Butylbenzene
 Concen: 16.512 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084058.D
 Acq: 20 Sep 2024 09:32

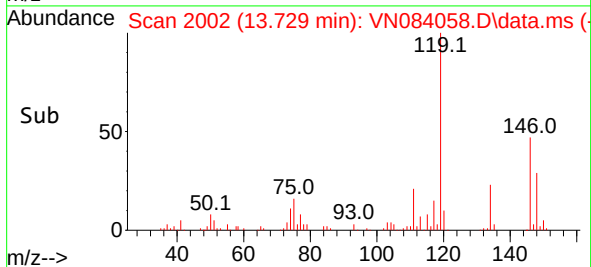
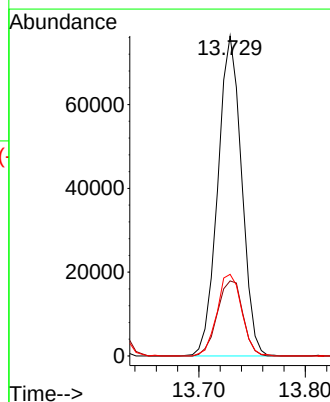
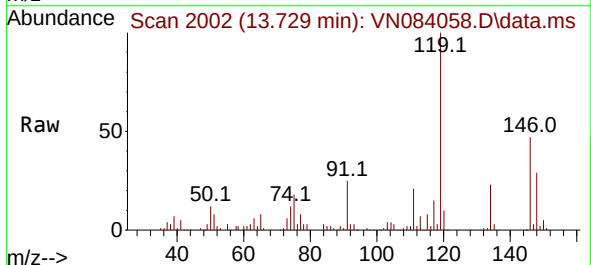
Instrument :
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 ClientSampleId :
 VSTDCCC020

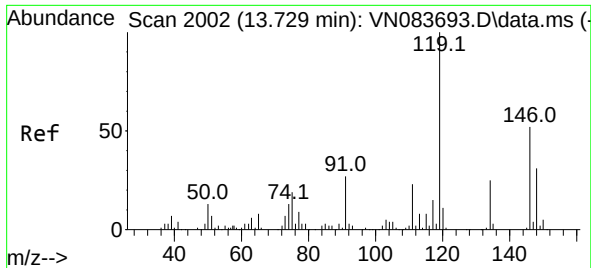
Tgt Ion:105 Resp: 145015
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 16.020 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084058.D
 Acq: 20 Sep 2024 09:32

Tgt Ion:119 Resp: 118380
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 49.2
 91 26.5 0.0 48.8

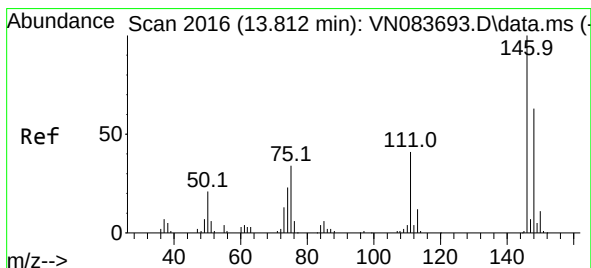
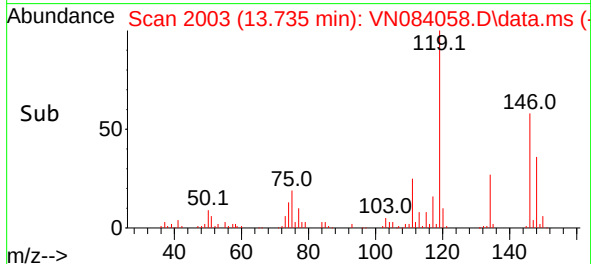
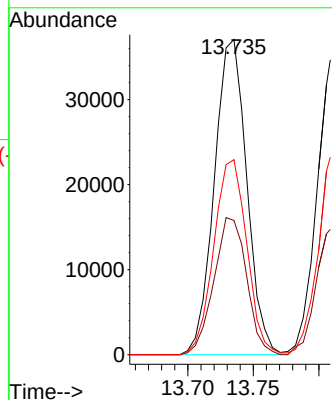
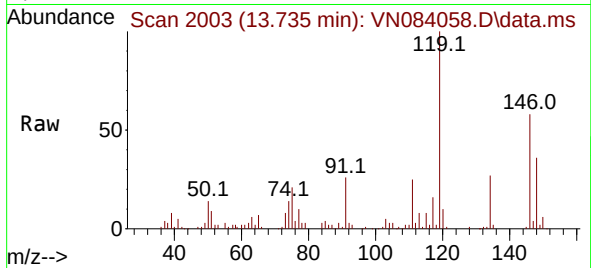




#83
1,3-Dichlorobenzene
Concen: 16.392 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

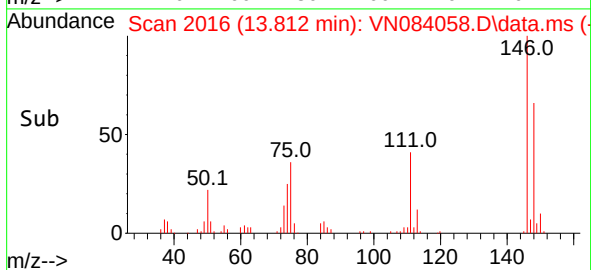
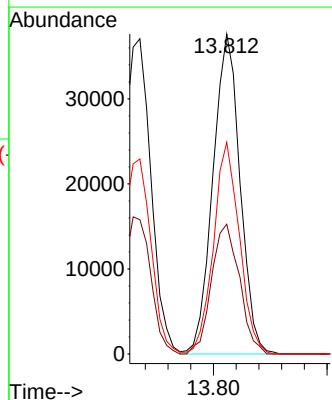
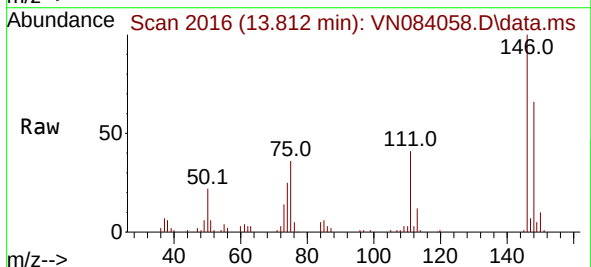
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

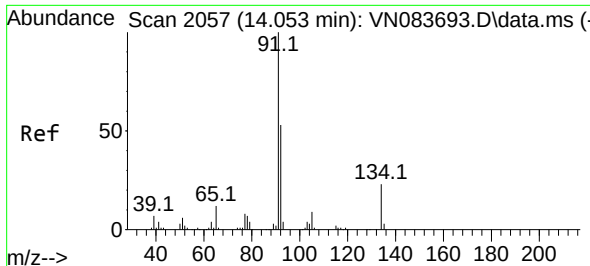
Tgt Ion:146 Resp: 63779
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 63.0 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 16.049 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion:146 Resp: 62428
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 63.2 31.9 95.5

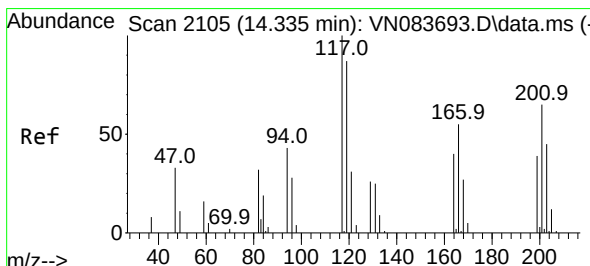
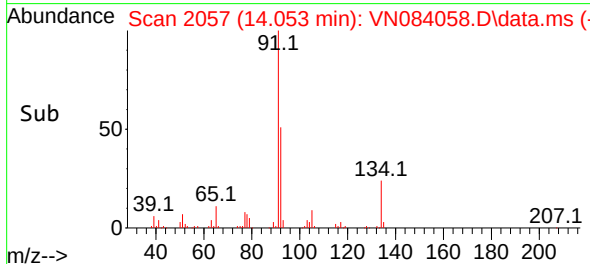
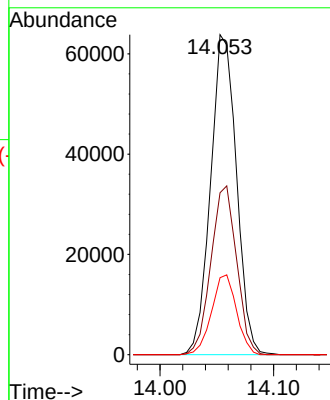
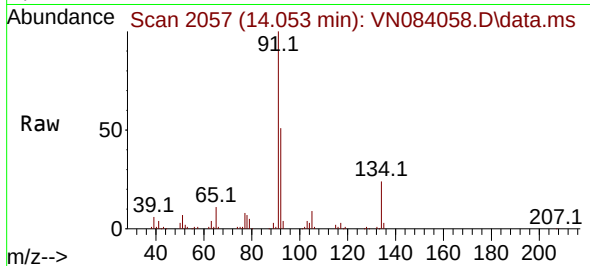




#85
n-Butylbenzene
Concen: 15.506 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

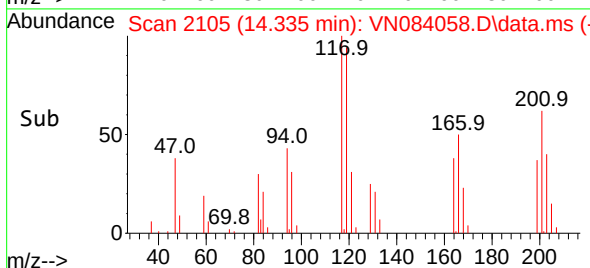
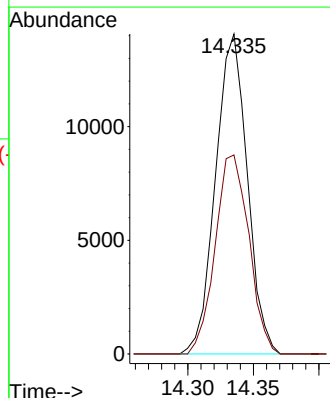
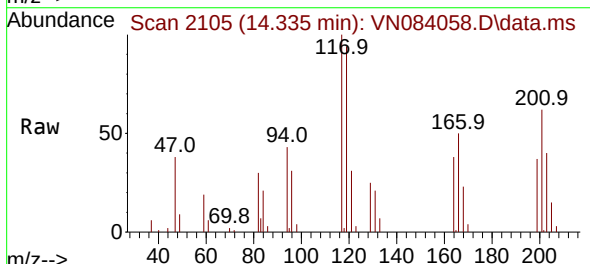
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

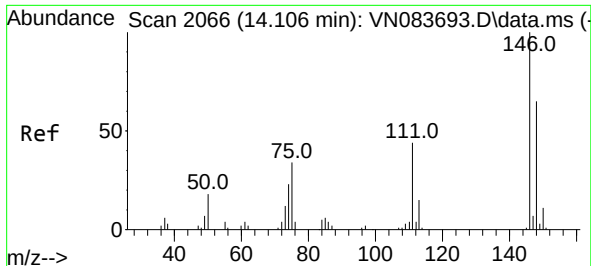
Tgt Ion: 91 Resp: 101113
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.0
134 24.1 0.0 51.8



#86
Hexachloroethane
Concen: 16.911 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion: 117 Resp: 23680
Ion Ratio Lower Upper
117 100
201 66.0 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 16.446 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

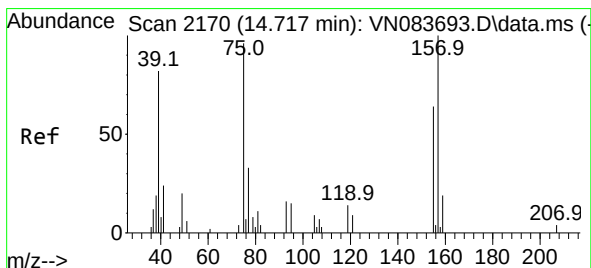
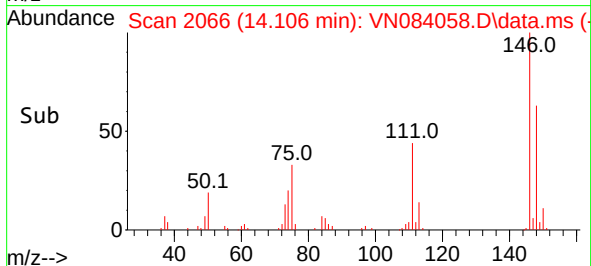
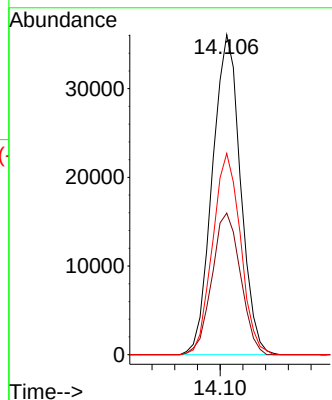
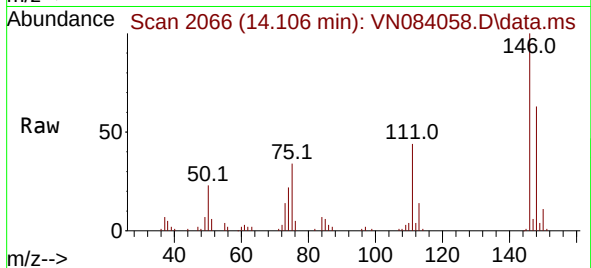
Tgt Ion:146 Resp: 62100

Ion Ratio Lower Upper

146 100

111 44.9 22.6 67.8

148 62.4 31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.929 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084058.D

Acq: 20 Sep 2024 09:32

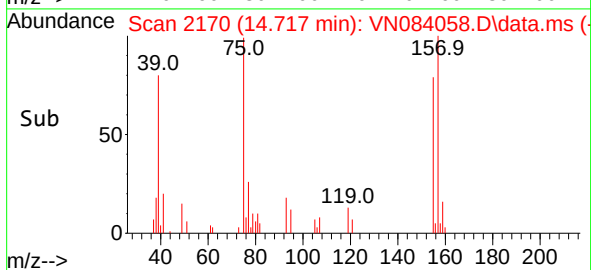
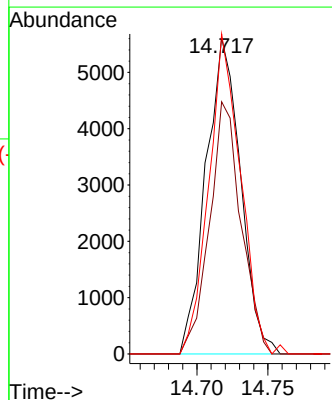
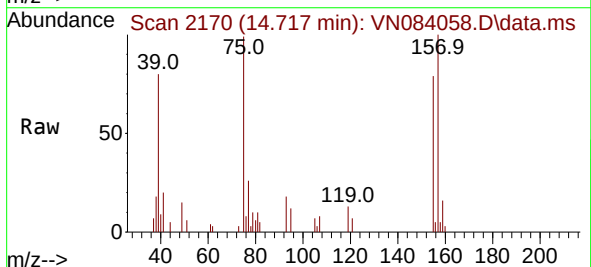
Tgt Ion: 75 Resp: 9472

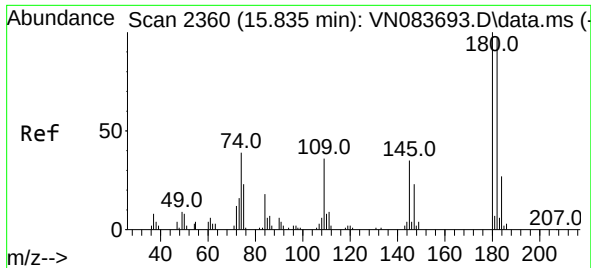
Ion Ratio Lower Upper

75 100

155 73.1 61.7 92.5

157 92.7 83.6 125.4

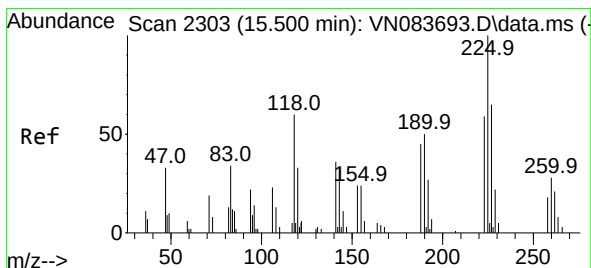
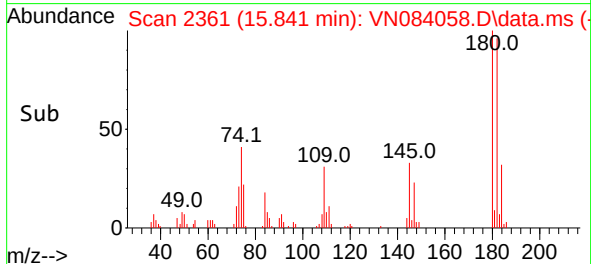
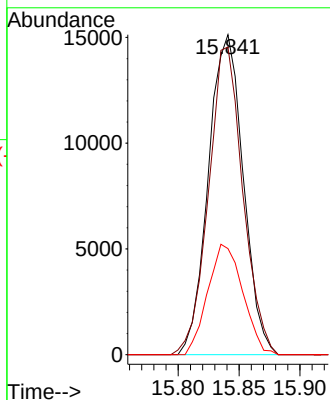
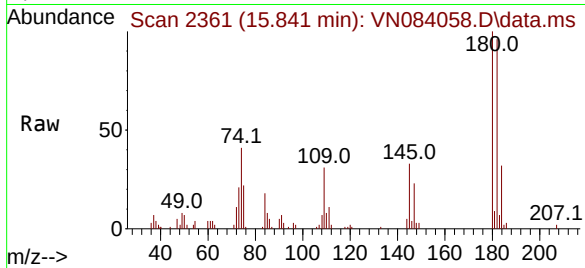




#89
1,2,4-Trichlorobenzene
Concen: 14.587 ug/l
RT: 15.841 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

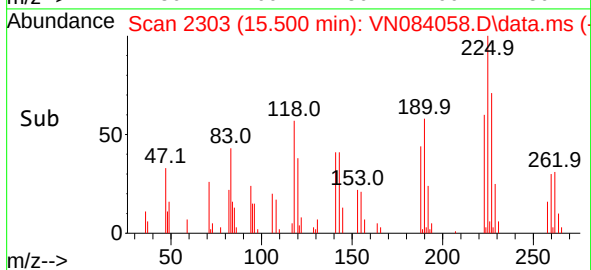
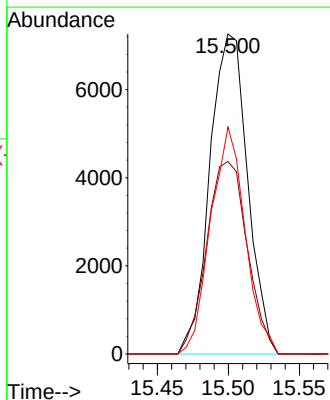
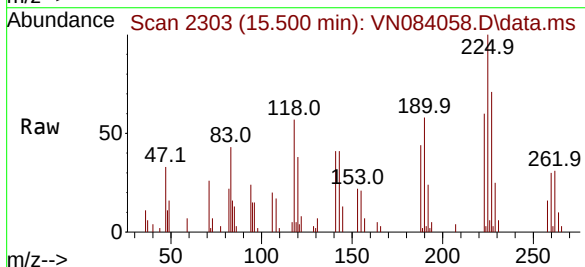
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

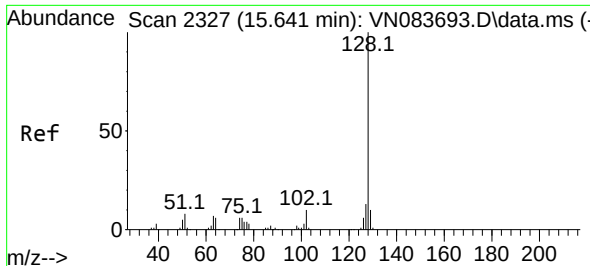
Tgt Ion:180 Resp: 30176
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
145 34.6 28.4 42.6



#90
Hexachlorobutadiene
Concen: 15.664 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion:225 Resp: 13412
Ion Ratio Lower Upper
225 100
223 64.8 0.0 126.6
227 64.9 0.0 126.6

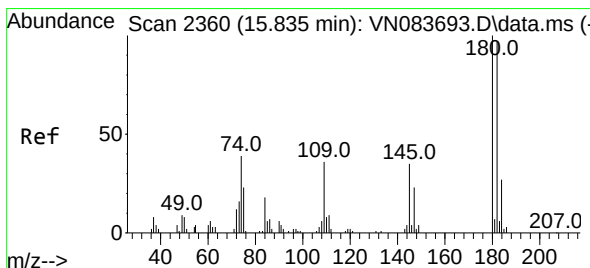
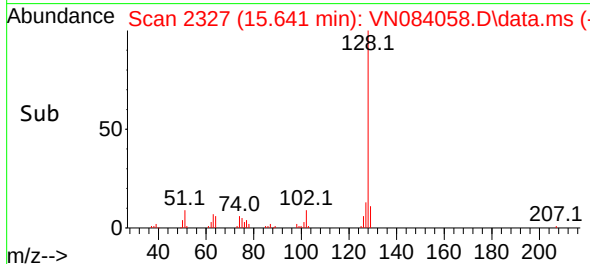
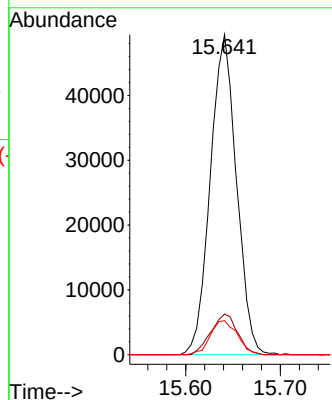
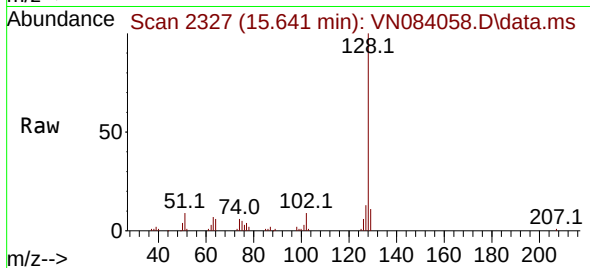




#91
Naphthalene
Concen: 14.025 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 94852
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 14.587 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084058.D
Acq: 20 Sep 2024 09:32

Tgt Ion:180 Resp: 30176
Ion Ratio Lower Upper
180 100
182 94.7 0.0 191.0
145 34.6 0.0 71.0

