

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084550.D
 Acq On : 28 Oct 2024 21:02
 Operator : JC\MD
 Sample : VSTDC0050EC
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 29 01:33:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	161557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121750	50.827	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.660%	
35) Dibromofluoromethane	8.165	113	98037	53.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.600%	
50) Toluene-d8	10.565	98	346993	51.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.847	95	135984	55.163	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87893	45.994	ug/l	93
3) Chloromethane	2.359	50	95984	43.989	ug/l	99
4) Vinyl Chloride	2.512	62	97538	46.148	ug/l	99
5) Bromomethane	2.954	94	61670	44.236	ug/l	100
6) Chloroethane	3.118	64	61446	40.593	ug/l	94
7) Trichlorofluoromethane	3.495	101	168357	51.153	ug/l	100
8) Diethyl Ether	3.965	74	59166	48.471	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	98554	52.260	ug/l	99
10) Methyl Iodide	4.583	142	116600	48.011	ug/l	96
11) Tert butyl alcohol	5.512	59	81231	205.659	ug/l	100
12) 1,1-Dichloroethene	4.342	96	90931	49.989	ug/l	95
13) Acrolein	4.177	56	109315	241.078	ug/l	97
14) Allyl chloride	5.018	41	143147	45.312	ug/l	96
15) Acrylonitrile	5.718	53	256260	256.919	ug/l	99
16) Acetone	4.424	43	212070	206.092	ug/l	99
17) Carbon Disulfide	4.712	76	242934	42.182	ug/l	98
18) Methyl Acetate	5.018	43	134242	59.855	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	320371	52.182	ug/l	97
20) Methylene Chloride	5.277	84	105926	50.640	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	96468	50.620	ug/l	97
22) Diisopropyl ether	6.665	45	341825	52.311	ug/l	99
23) Vinyl Acetate	6.600	43	1255111	258.966	ug/l	100
24) 1,1-Dichloroethane	6.565	63	190723	52.192	ug/l	100
25) 2-Butanone	7.483	43	336778	240.294	ug/l	97
26) 2,2-Dichloropropane	7.489	77	151767	46.062	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	120655	52.393	ug/l	95
28) Bromochloromethane	7.812	49	79971	49.048	ug/l	98
29) Tetrahydrofuran	7.836	42	223740	258.688	ug/l	98
30) Chloroform	7.965	83	200839	52.910	ug/l	96
31) Cyclohexane	8.253	56	158787	44.753	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	178824	52.455	ug/l	98
36) 1,1-Dichloropropene	8.371	75	136466	51.083	ug/l	98
37) Ethyl Acetate	7.559	43	138459	50.519	ug/l	100
38) Carbon Tetrachloride	8.359	117	152948	52.192	ug/l	97
39) Methylcyclohexane	9.600	83	147244	49.523	ug/l	99
40) Benzene	8.606	78	436967	52.498	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75268	50.587	ug/l	95
42) 1,2-Dichloroethane	8.665	62	143860	50.982	ug/l	100
43) Isopropyl Acetate	8.683	43	349610	65.126	ug/l #	88
44) Trichloroethene	9.347	130	99088	50.971	ug/l	98
45) 1,2-Dichloropropane	9.618	63	106420	54.048	ug/l	95
46) Dibromomethane	9.706	93	74219	55.856	ug/l	97
47) Bromodichloromethane	9.888	83	160866	54.492	ug/l	99
48) Methyl methacrylate	9.677	41	113027	52.892	ug/l	99
49) 1,4-Dioxane	9.694	88	35625	905.532	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	714789	273.966	ug/l	99
52) Toluene	10.630	92	269489	53.095	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157811	52.443	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	171155	52.878	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	102065	56.093	ug/l	96
56) Ethyl methacrylate	10.871	69	166194	55.509	ug/l	98
57) 1,3-Dichloropropane	11.159	76	175092	53.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	387998	279.356	ug/l	97
59) 2-Hexanone	11.194	43	521443	267.402	ug/l	99
60) Dibromochloromethane	11.359	129	120370	55.989	ug/l	99
61) 1,2-Dibromoethane	11.471	107	101246	53.550	ug/l	98
64) Tetrachloroethene	11.100	164	87317	49.432	ug/l	98
65) Chlorobenzene	11.888	112	290060	51.584	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	102132	52.733	ug/l	100
67) Ethyl Benzene	11.959	91	513576	51.646	ug/l	99
68) m/p-Xylenes	12.065	106	399929	108.723	ug/l	99
69) o-Xylene	12.394	106	189624	54.486	ug/l	99
70) Styrene	12.412	104	332772	56.451	ug/l	98
71) Bromoform	12.576	173	80632	56.547	ug/l #	97
73) Isopropylbenzene	12.694	105	479901	45.329	ug/l	99
74) N-amyl acetate	12.494	43	210653	43.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	151201	47.496	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	189386	66.864	ug/l	62
77) Bromobenzene	12.976	156	119941	46.967	ug/l	93
78) n-propylbenzene	13.035	91	591943	48.258	ug/l	99
79) 2-Chlorotoluene	13.123	91	358796	45.840	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	420006	48.634	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	51825	43.866	ug/l	93
82) 4-Chlorotoluene	13.218	91	364214	46.224	ug/l	98
83) tert-Butylbenzene	13.435	119	353200	46.015	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	422000	48.507	ug/l	99
85) sec-Butylbenzene	13.612	105	495670	48.392	ug/l	100
86) p-Isopropyltoluene	13.729	119	416611	49.188	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	224117	46.781	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	223063	46.106	ug/l	99
89) n-Butylbenzene	14.053	91	368986	48.044	ug/l	100
90) Hexachloroethane	14.335	117	77012	44.795	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	213812	45.515	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28331	43.126	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	111223	48.069	ug/l	99
94) Hexachlorobutadiene	15.500	225	49291	42.717	ug/l	98
95) Naphthalene	15.641	128	350781	45.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	110954	47.905	ug/l	97

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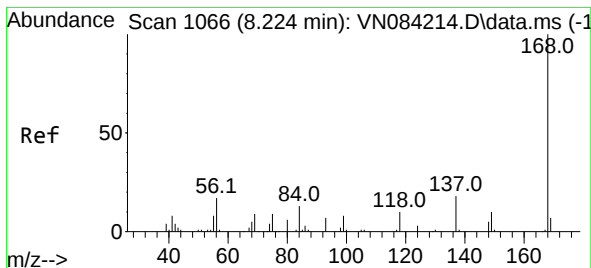
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

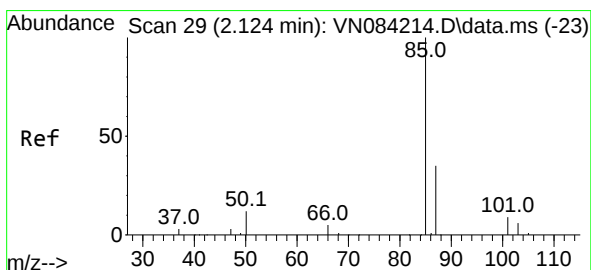
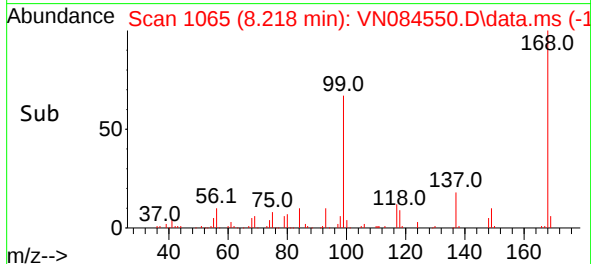
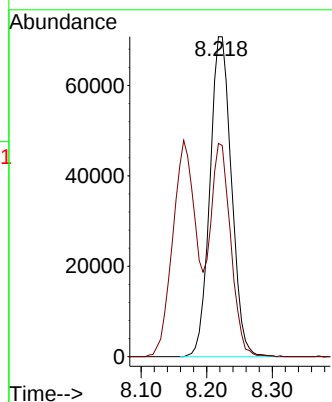
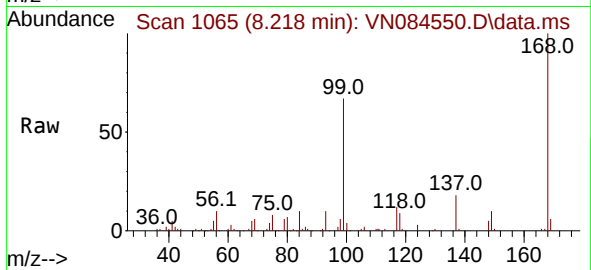
VSTDCCC050EC

Tgt Ion:168 Resp: 161557

Ion Ratio Lower Upper

168 100

99 66.3 54.2 81.2



#2

Dichlorodifluoromethane

Concen: 45.994 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN084550.D

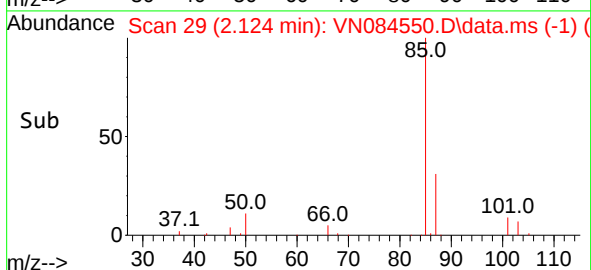
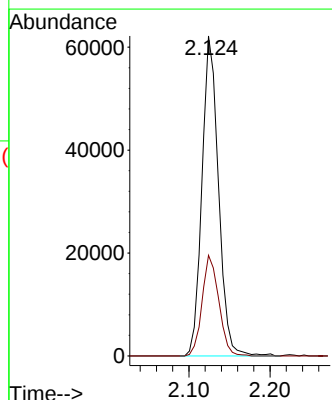
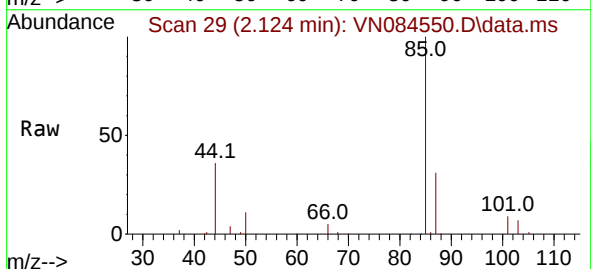
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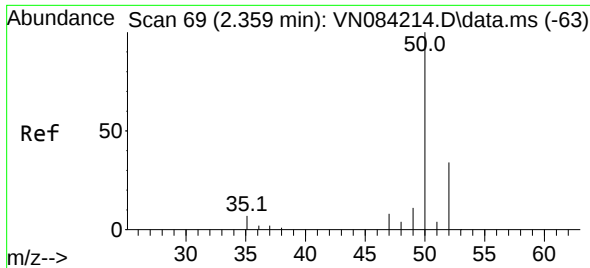
Tgt Ion: 85 Resp: 87893

Ion Ratio Lower Upper

85 100

87 31.4 17.6 52.9

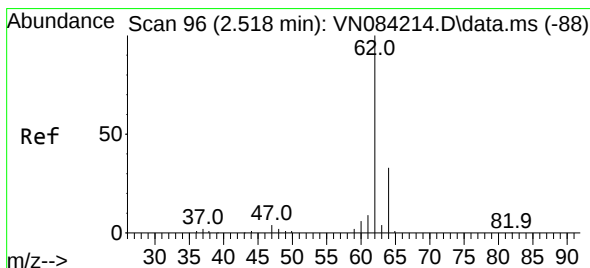
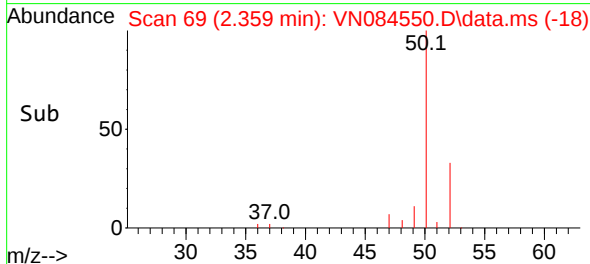
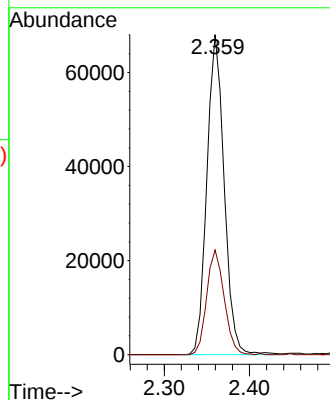
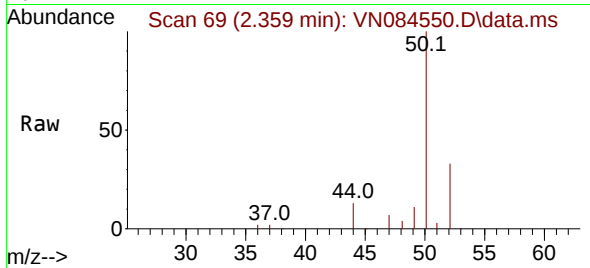




#3
Chloromethane
Concen: 43.989 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

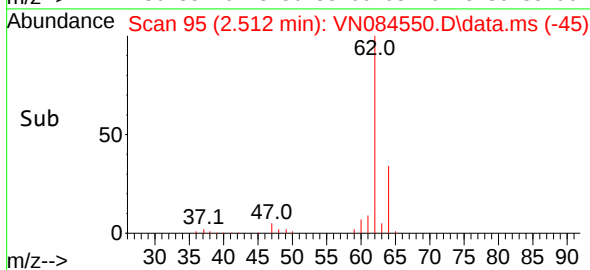
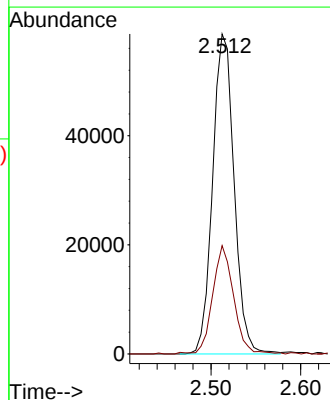
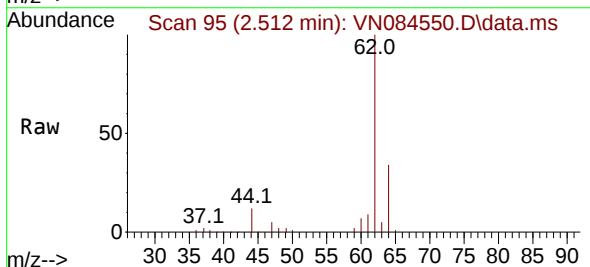
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 95984
Ion Ratio Lower Upper
50 100
52 32.7 26.8 40.2



#4
Vinyl Chloride
Concen: 46.148 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 62 Resp: 97538
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.4

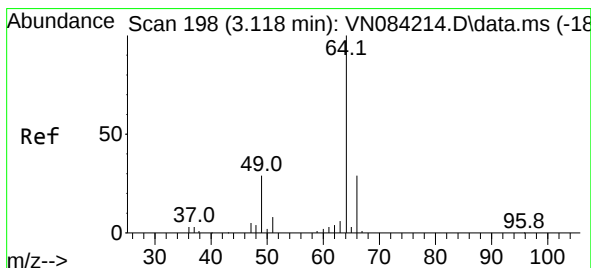
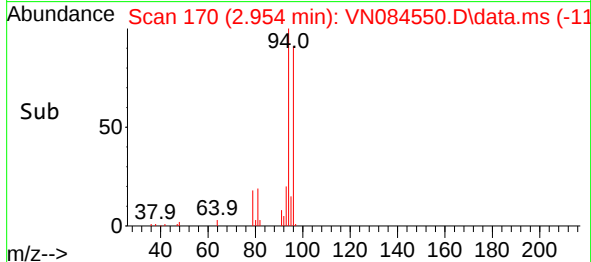
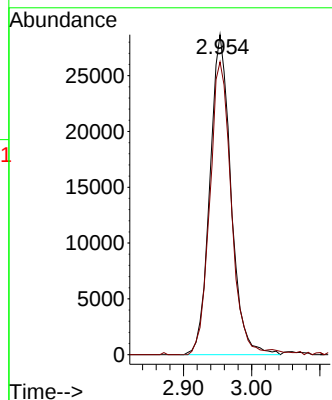
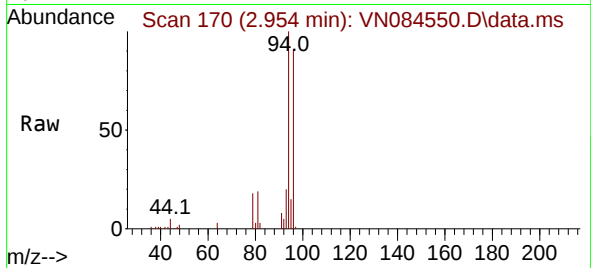




#5
Bromomethane
Concen: 44.236 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

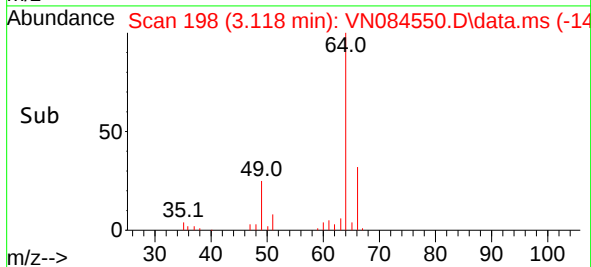
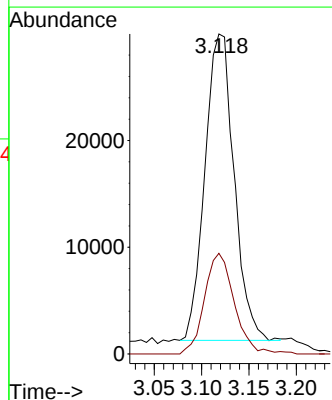
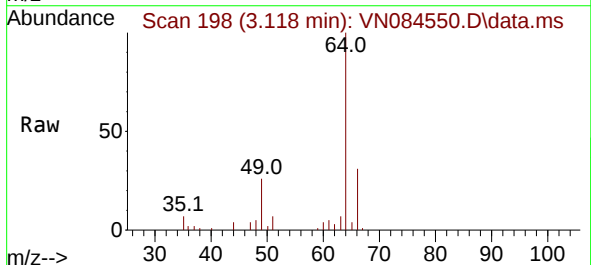
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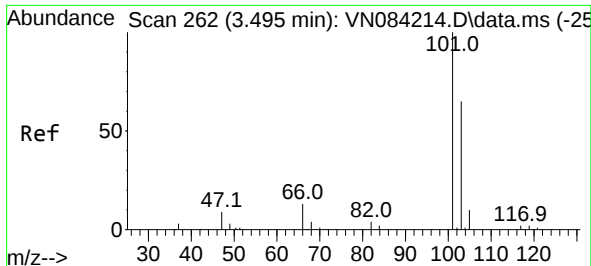
Tgt Ion: 94 Resp: 61670
Ion Ratio Lower Upper
94 100
96 91.5 72.9 109.3



#6
Chloroethane
Concen: 40.593 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 64 Resp: 61446
Ion Ratio Lower Upper
64 100
66 32.8 23.5 35.3

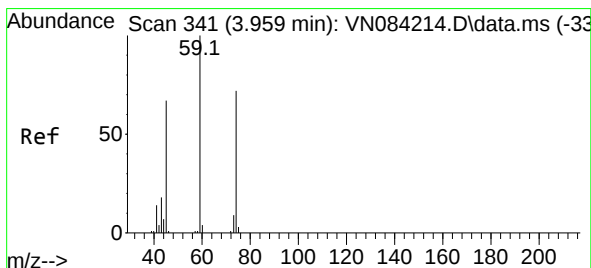
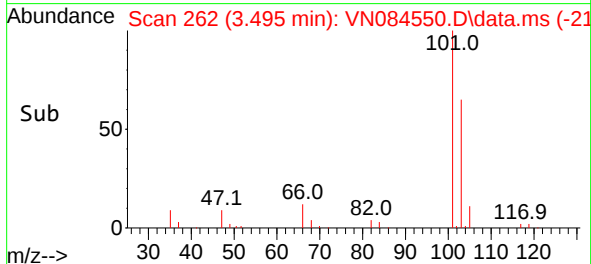
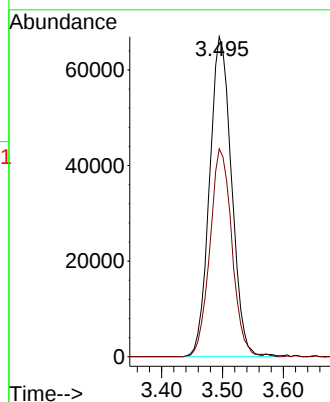
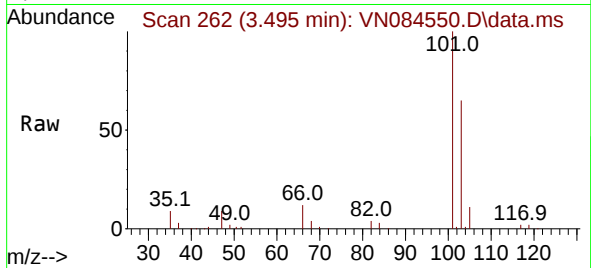




#7
 Trichlorofluoromethane
 Concen: 51.153 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

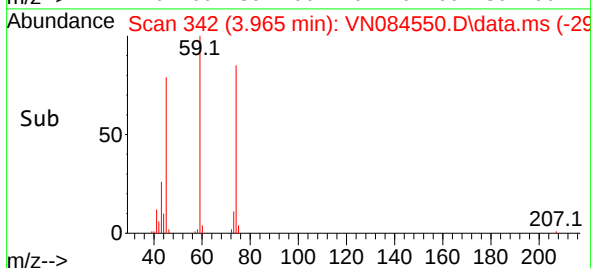
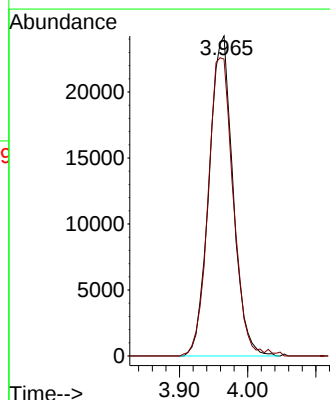
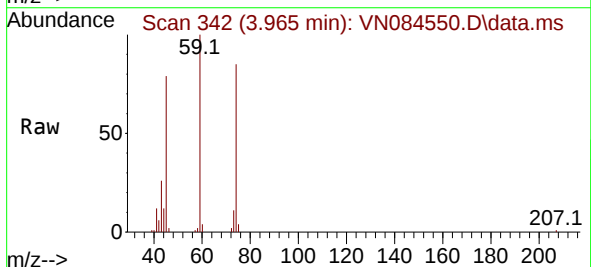
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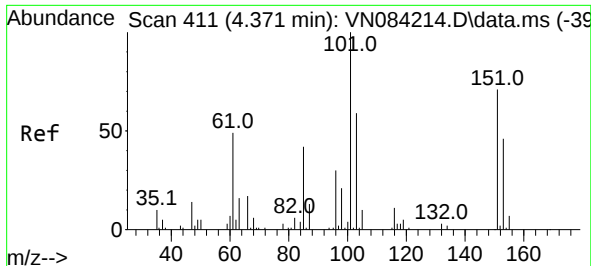
Tgt Ion:101 Resp: 168357
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.8 77.6



#8
 Diethyl Ether
 Concen: 48.471 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Tgt Ion: 74 Resp: 59166
 Ion Ratio Lower Upper
 74 100
 45 98.2 47.7 143.1



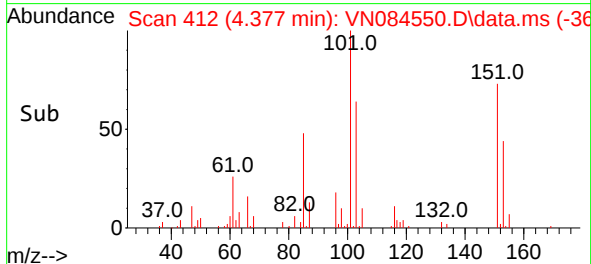
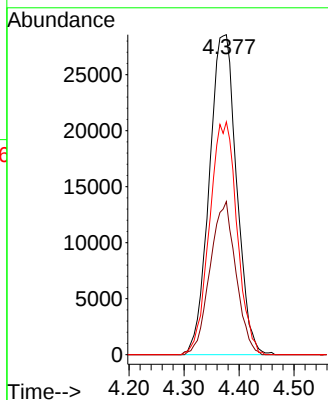
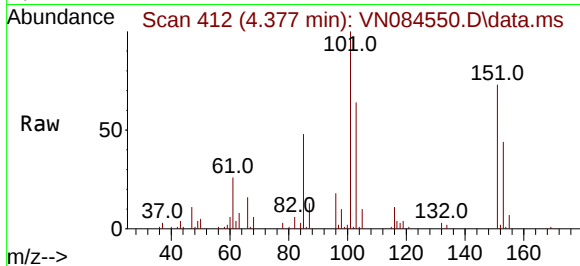


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.260 ug/l
 RT: 4.377 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 98554

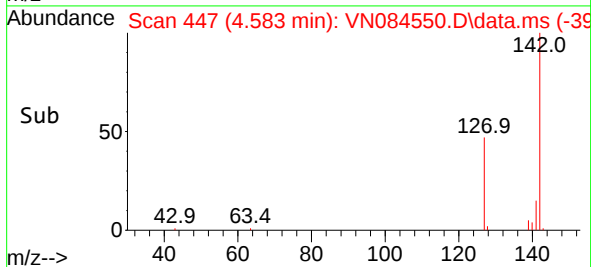
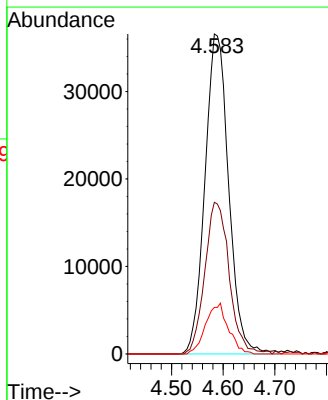
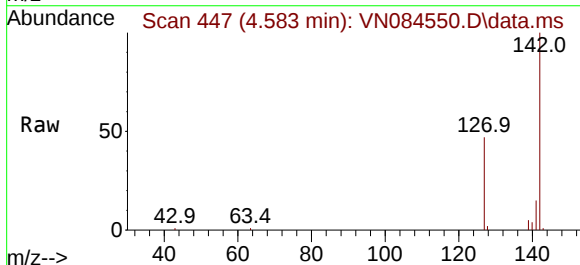
Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.2	54.4
151	73.4	59.3	88.9

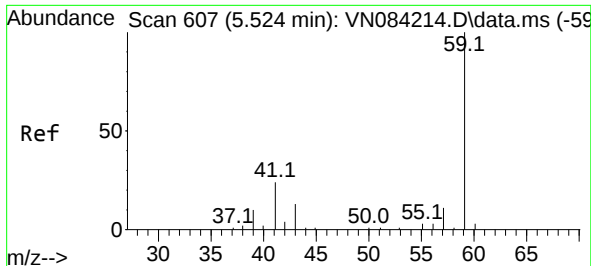


#10
 Methyl Iodide
 Concen: 48.011 ug/l
 RT: 4.583 min Scan# 447
 Delta R.T. -0.012 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Tgt Ion:142 Resp: 116600

Ion	Ratio	Lower	Upper
142	100		
127	47.4	35.3	52.9
141	14.6	11.0	16.6

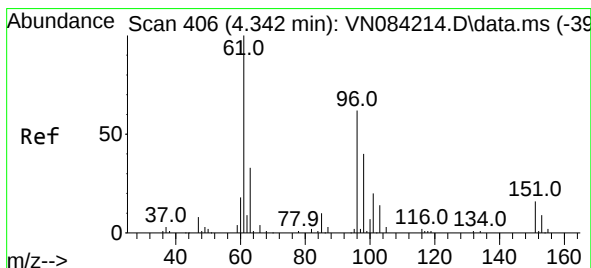
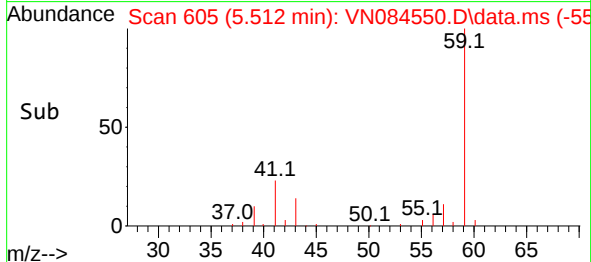
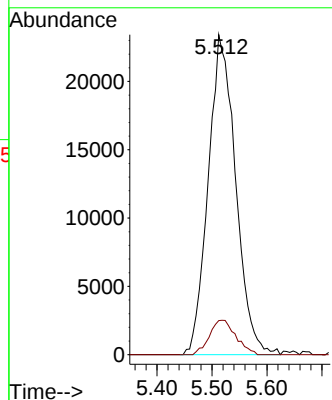
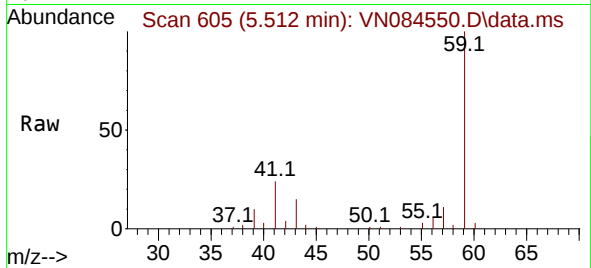




#11
Tert butyl alcohol
Concen: 205.659 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

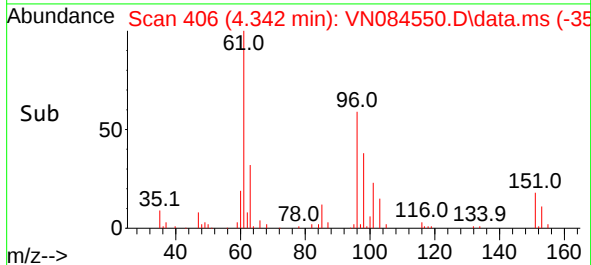
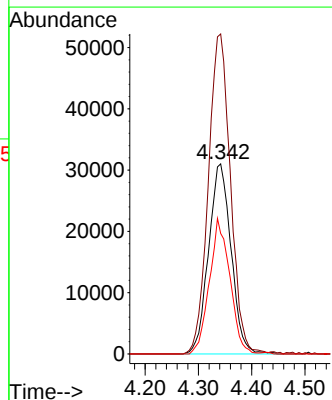
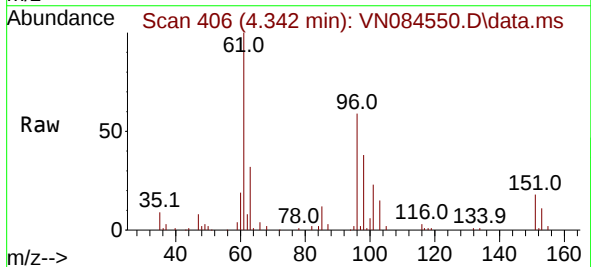
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 81231
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.989 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 96 Resp: 90931
Ion Ratio Lower Upper
96 100
61 168.4 128.6 192.8
98 63.4 51.7 77.5

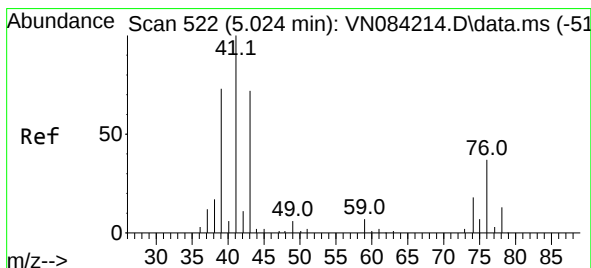
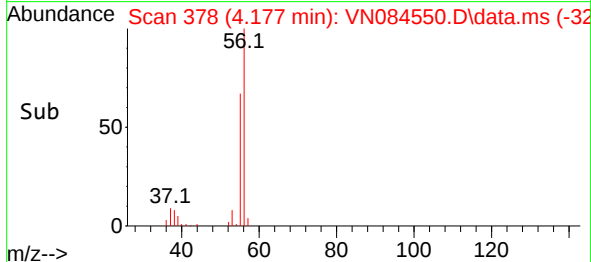
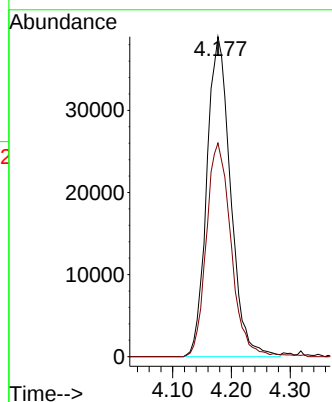
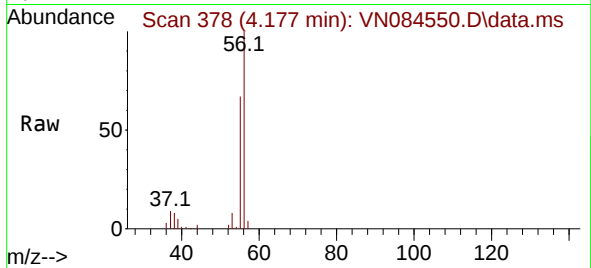




#13
Acrolein
Concen: 241.078 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

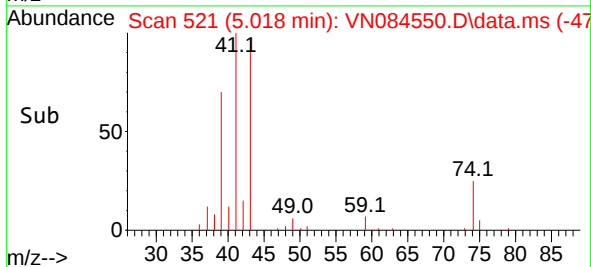
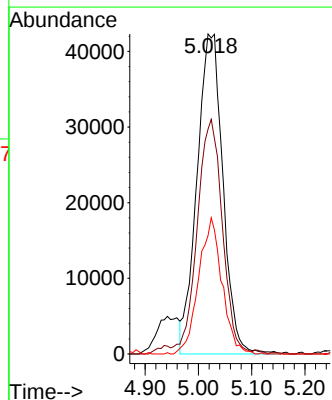
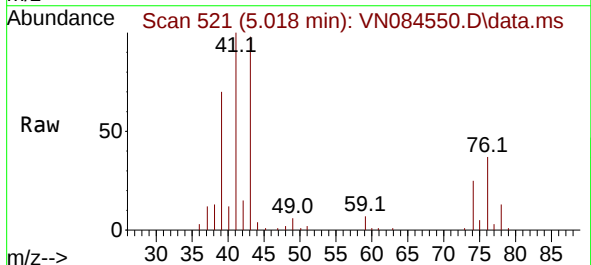
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

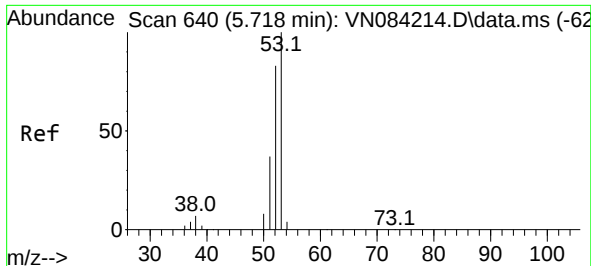
Tgt Ion: 56 Resp: 109315
Ion Ratio Lower Upper
56 100
55 69.4 57.2 85.8



#14
Allyl chloride
Concen: 45.312 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 41 Resp: 143147
Ion Ratio Lower Upper
41 100
39 69.8 59.0 88.6
76 38.3 29.8 44.6

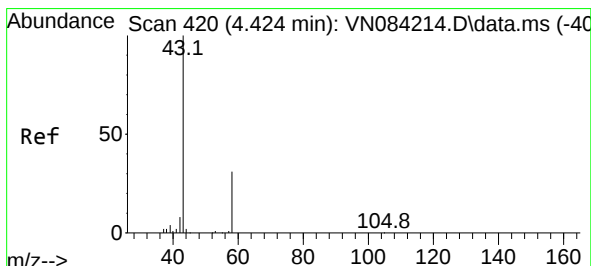
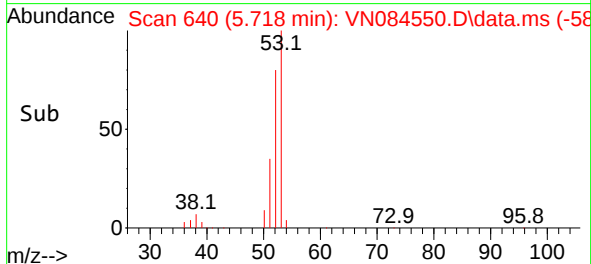
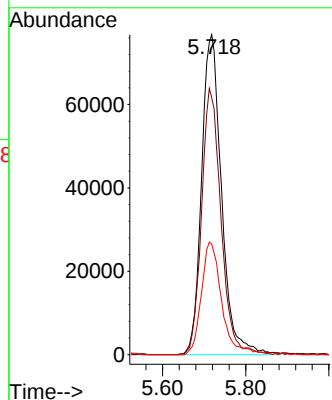
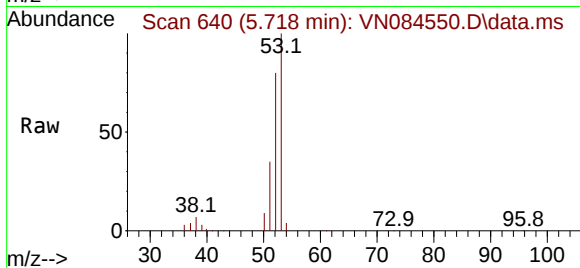




#15
Acrylonitrile
Concen: 256.919 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

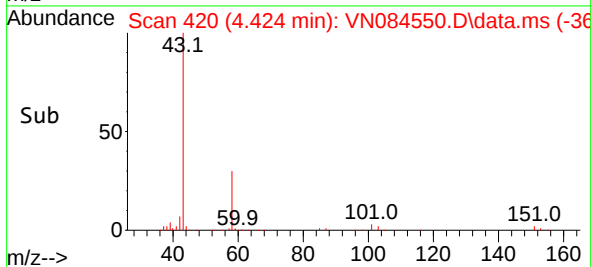
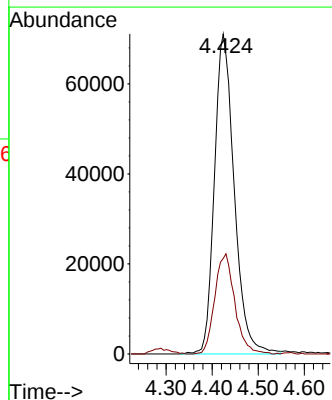
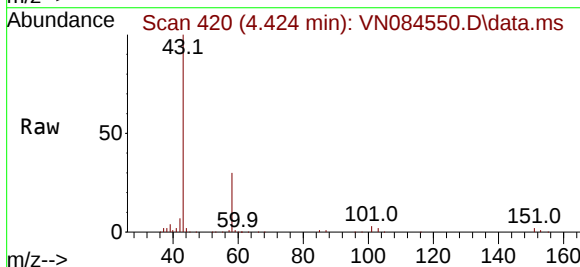
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

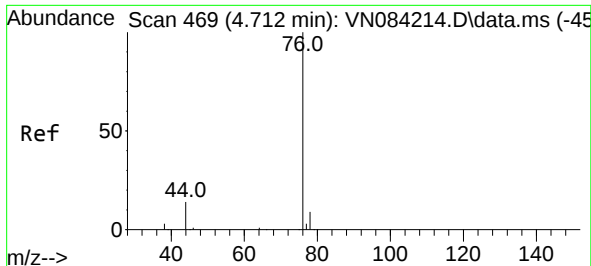
Tgt Ion: 53 Resp: 256260
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.4
51 35.7 28.8 43.2



#16
Acetone
Concen: 206.092 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 43 Resp: 212070
Ion Ratio Lower Upper
43 100
58 29.8 24.4 36.6

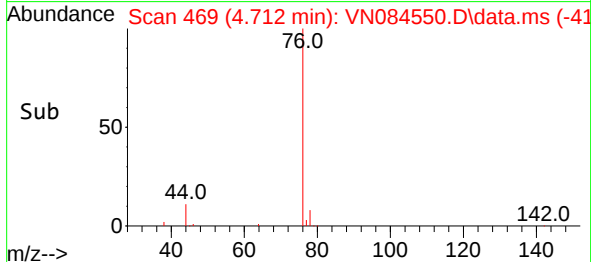
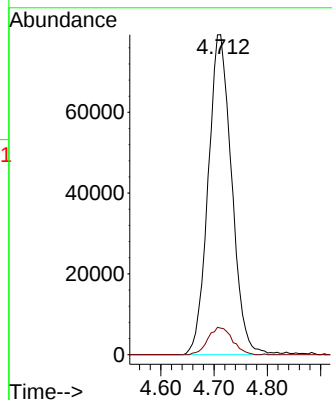
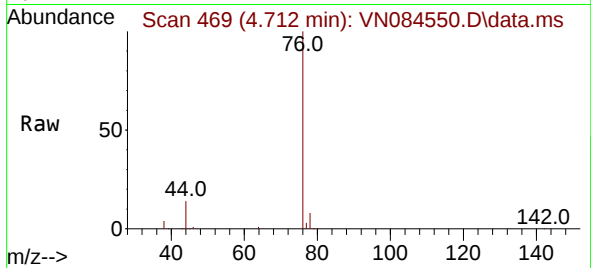




#17
Carbon Disulfide
Concen: 42.182 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

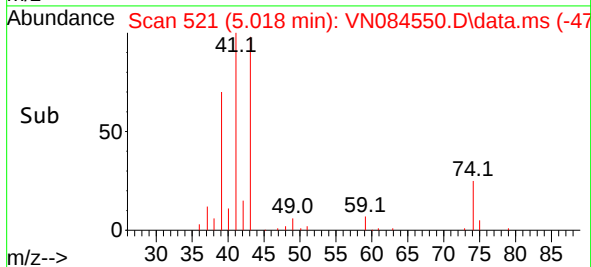
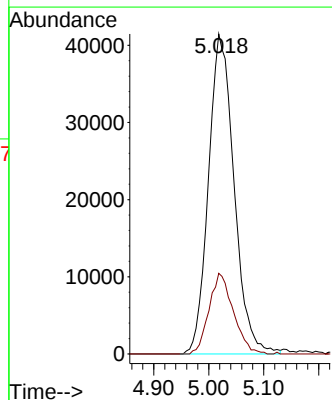
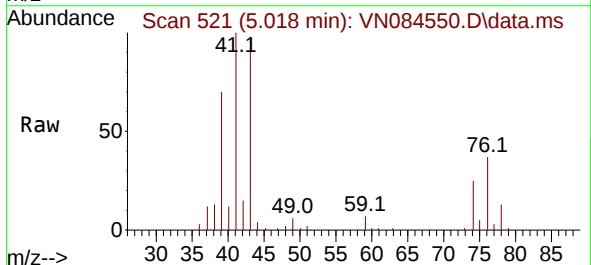
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 242934
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 59.855 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 43 Resp: 134242
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 52.182 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

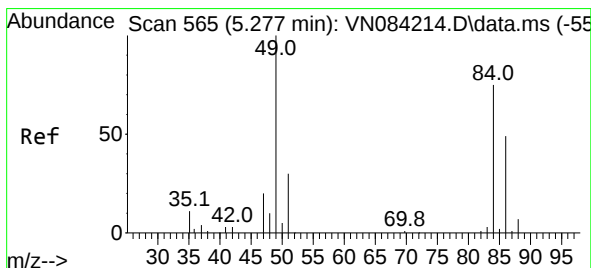
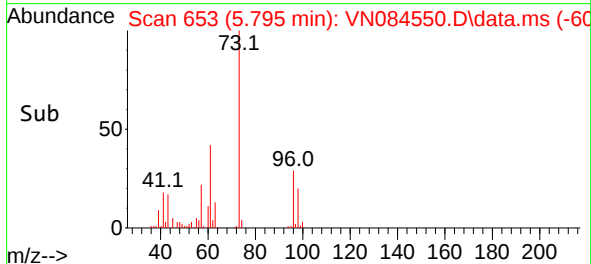
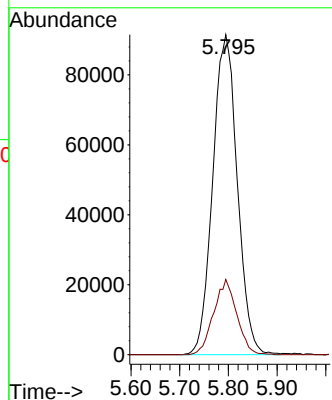
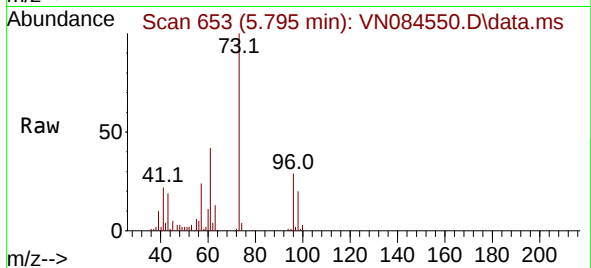
VSTDCCC050EC

Tgt Ion: 73 Resp: 320371

Ion Ratio Lower Upper

73 100

57 23.5 17.7 26.5



#20

Methylene Chloride

Concen: 50.640 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Tgt Ion: 84 Resp: 105926

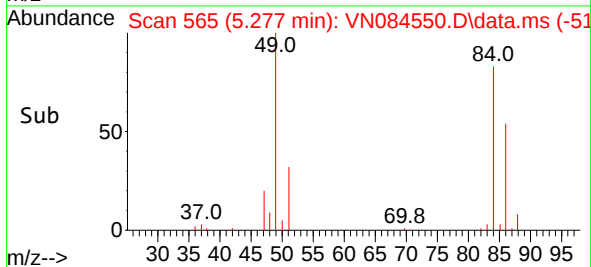
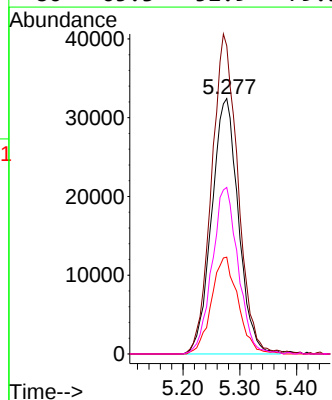
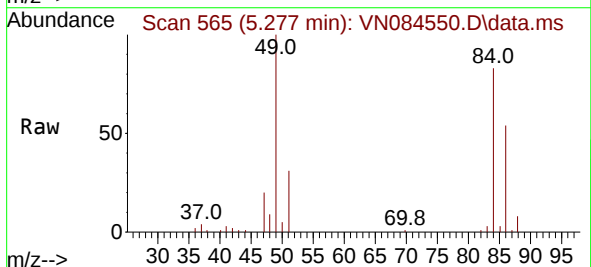
Ion Ratio Lower Upper

84 100

49 120.7 107.2 160.8

51 37.9 31.8 47.8

86 65.3 52.9 79.3

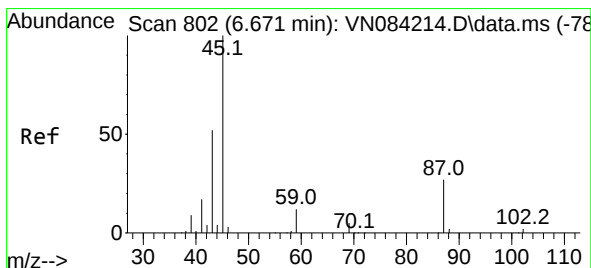
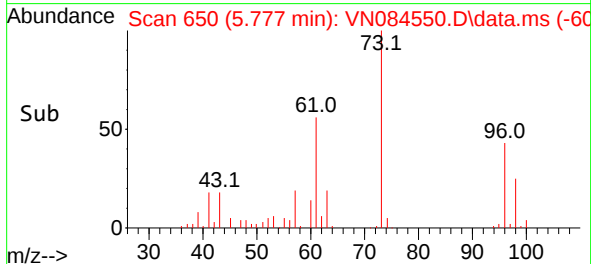
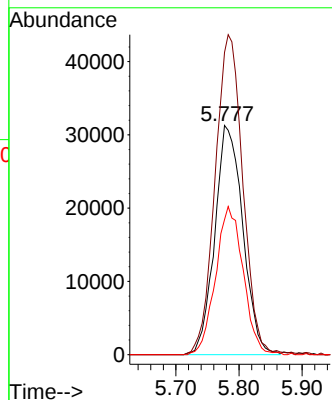
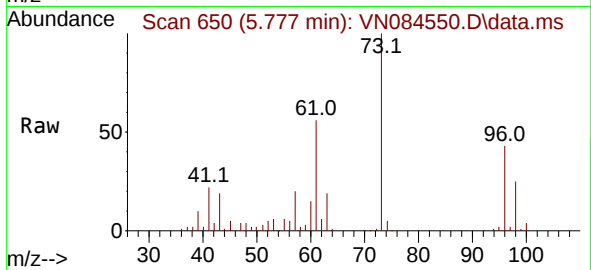




#21
trans-1,2-Dichloroethene
Concen: 50.620 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

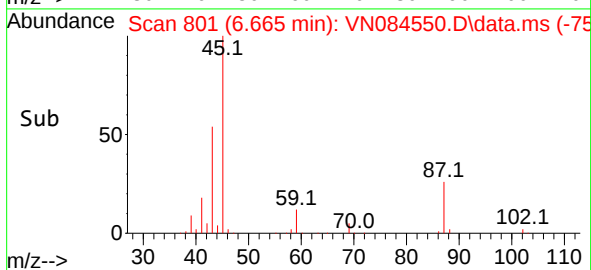
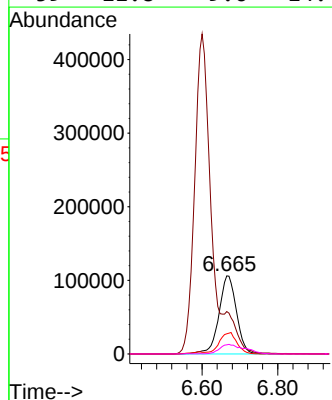
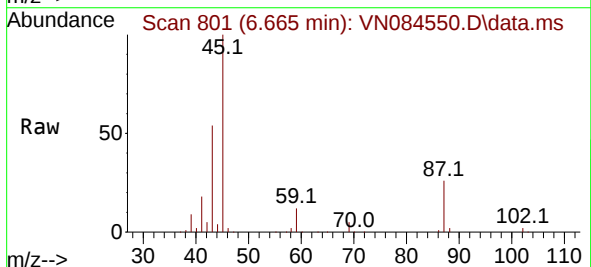
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

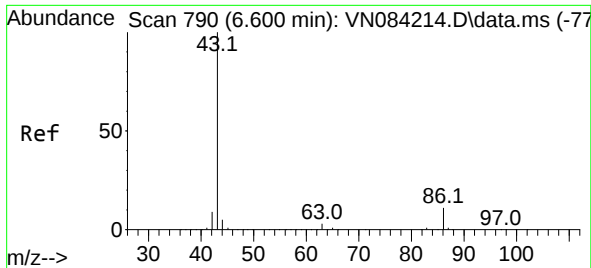
Tgt Ion: 96 Resp: 96468
Ion Ratio Lower Upper
96 100
61 131.8 108.4 162.6
98 58.9 49.8 74.8



#22
Diisopropyl ether
Concen: 52.311 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 45 Resp: 341825
Ion Ratio Lower Upper
45 100
43 53.7 42.3 63.5
87 25.9 21.8 32.6
59 11.8 9.6 14.4

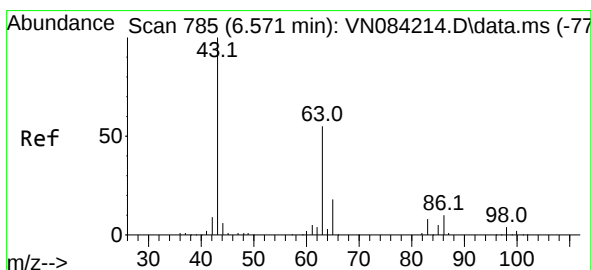
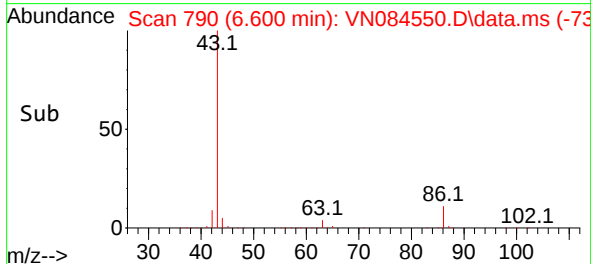
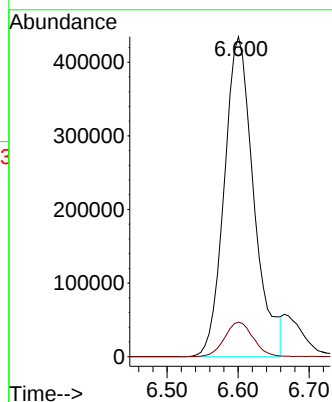
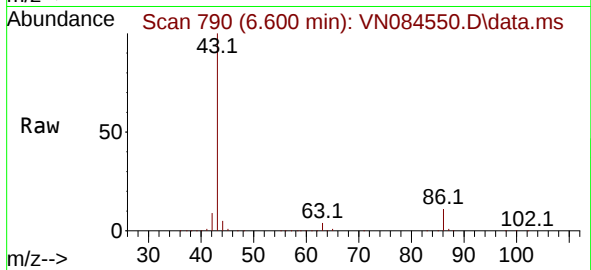




#23
 Vinyl Acetate
 Concen: 258.966 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

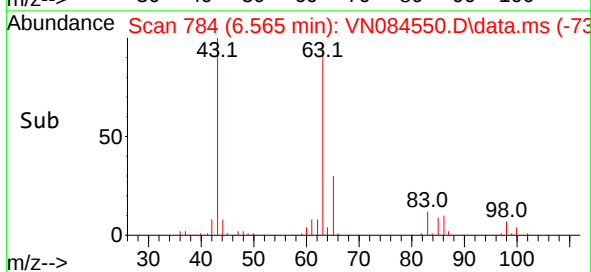
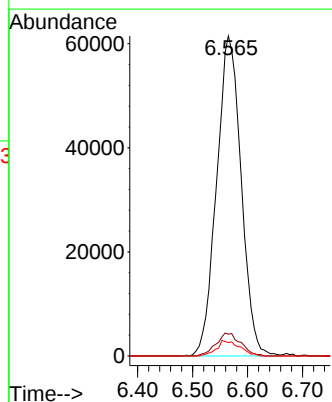
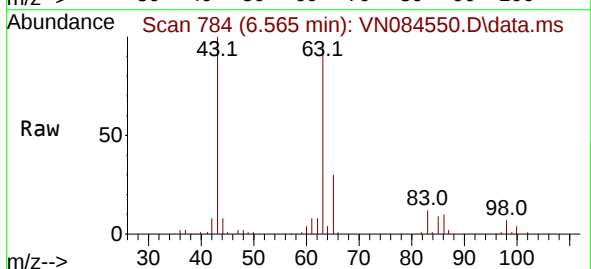
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

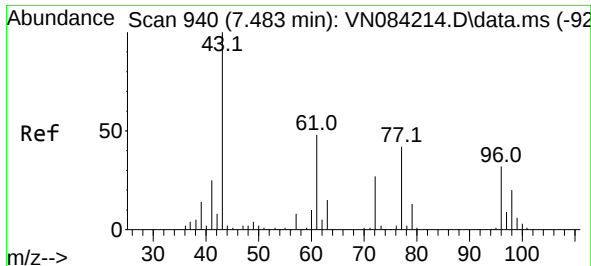
Tgt Ion: 43 Resp: 1255111
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 52.192 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Tgt Ion: 63 Resp: 190723
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 240.294 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

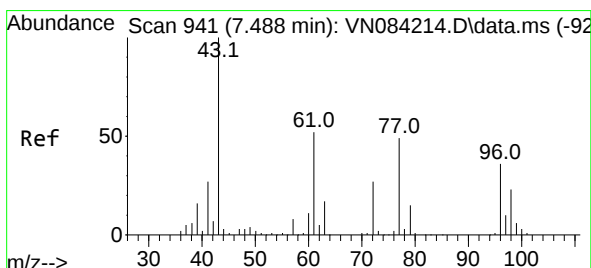
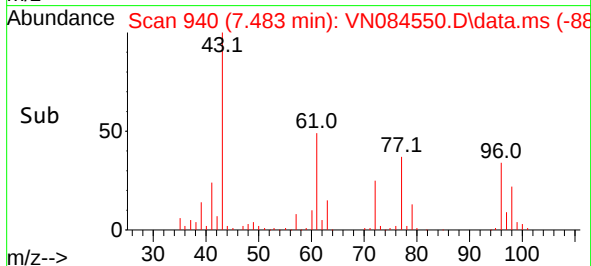
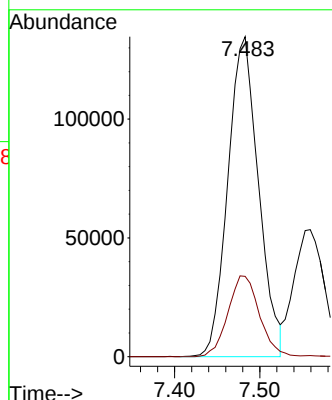
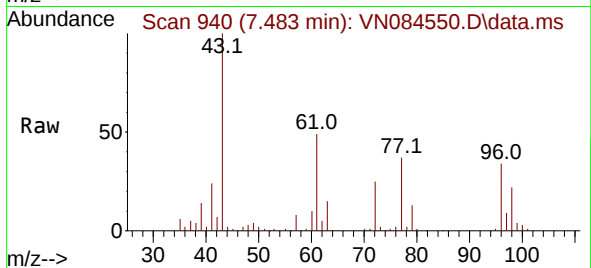
VSTDCCC050EC

Tgt Ion: 43 Resp: 336778

Ion Ratio Lower Upper

43 100

72 25.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 46.062 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN084550.D

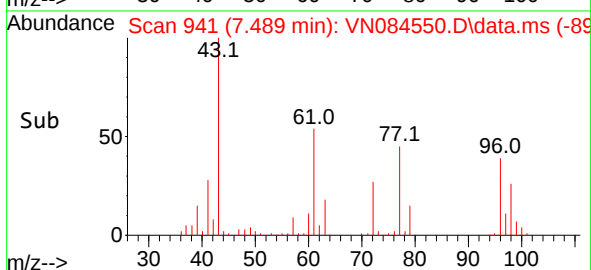
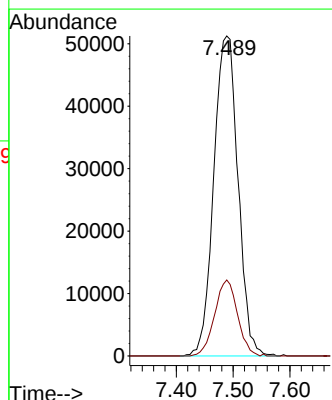
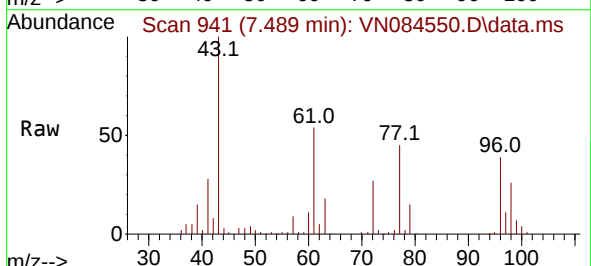
Acq: 28 Oct 2024 21:02

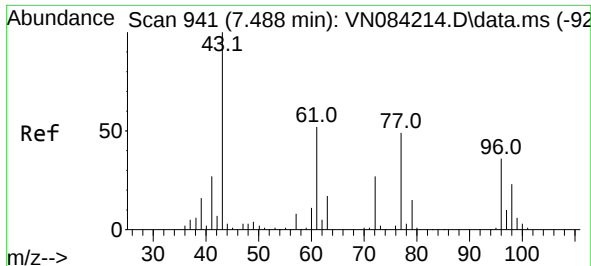
Tgt Ion: 77 Resp: 151767

Ion Ratio Lower Upper

77 100

97 22.4 10.8 32.3



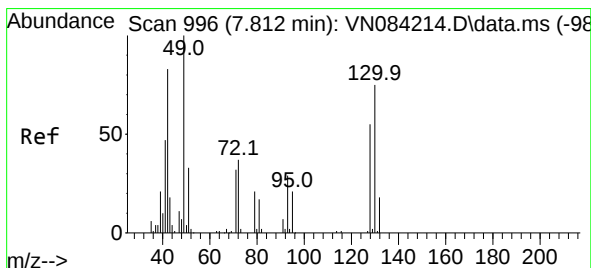
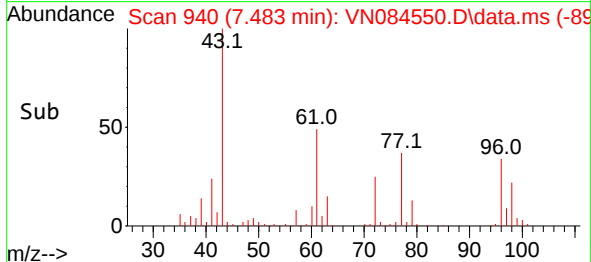
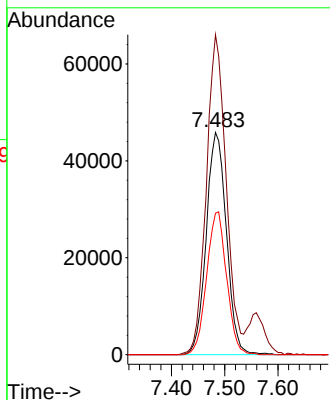
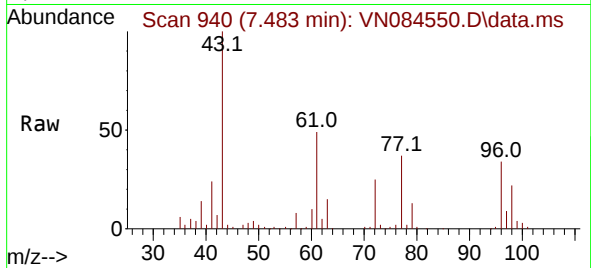


#27
 cis-1,2-Dichloroethene
 Concen: 52.393 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 120655

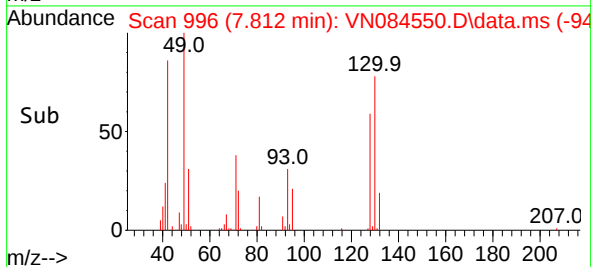
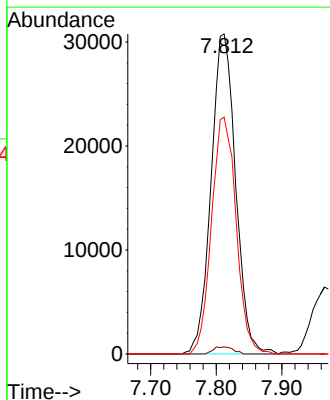
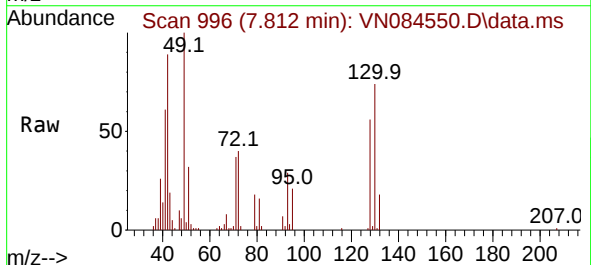
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	301.8
98	63.7	0.0	128.2

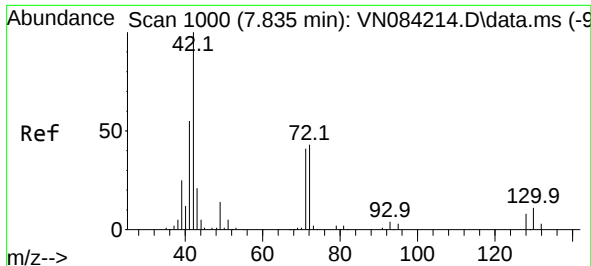


#28
 Bromochloromethane
 Concen: 49.048 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Tgt Ion: 49 Resp: 79971

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	74.0	58.0	87.0





#29

Tetrahydrofuran

Concen: 258.688 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

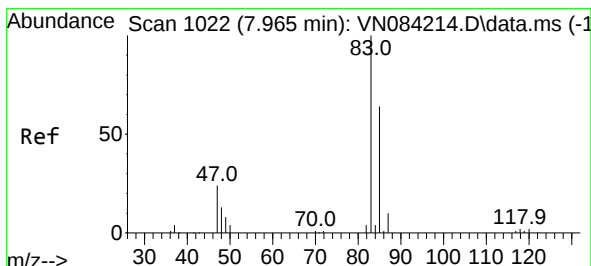
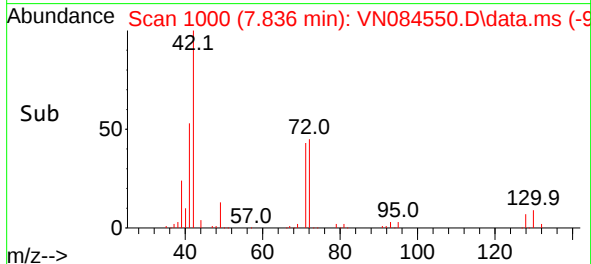
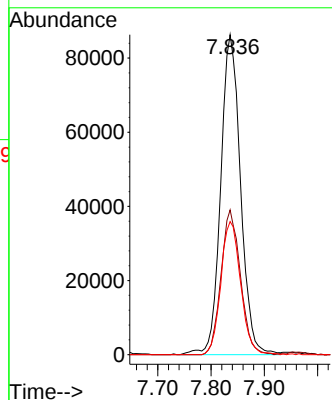
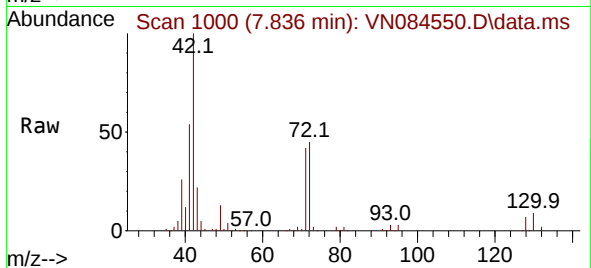
Tgt Ion: 42 Resp: 223740

Ion Ratio Lower Upper

42 100

72 44.1 34.6 51.8

71 41.4 32.2 48.4



#30

Chloroform

Concen: 52.910 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084550.D

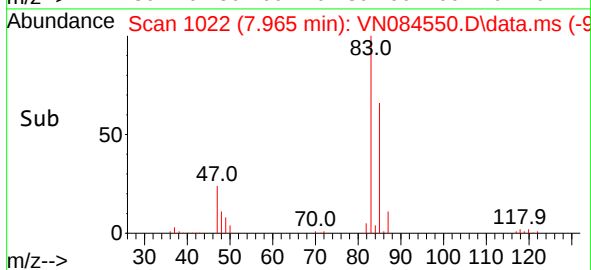
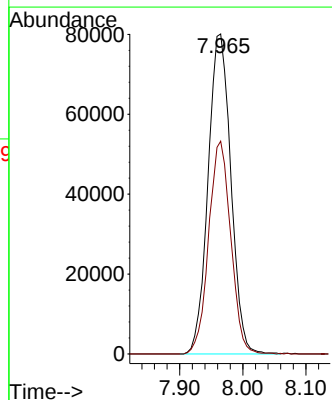
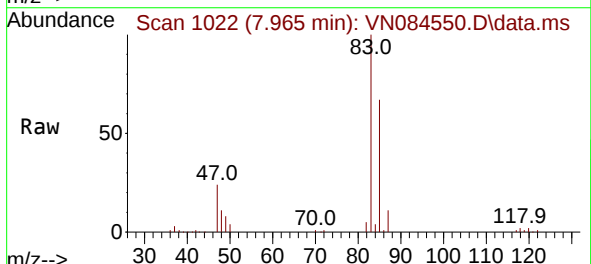
Acq: 28 Oct 2024 21:02

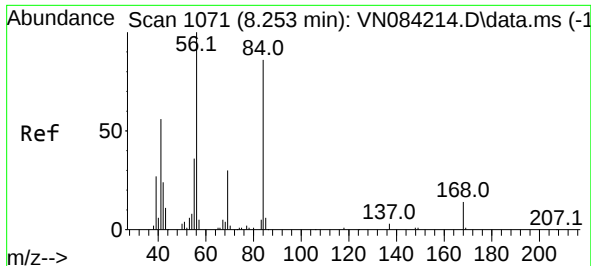
Tgt Ion: 83 Resp: 200839

Ion Ratio Lower Upper

83 100

85 66.5 51.0 76.4

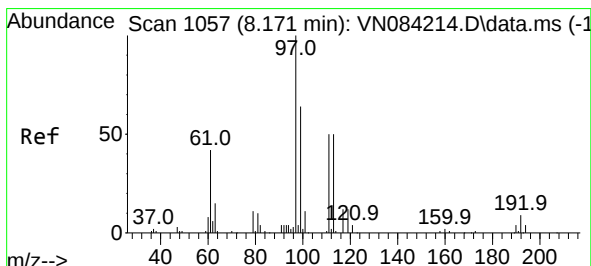
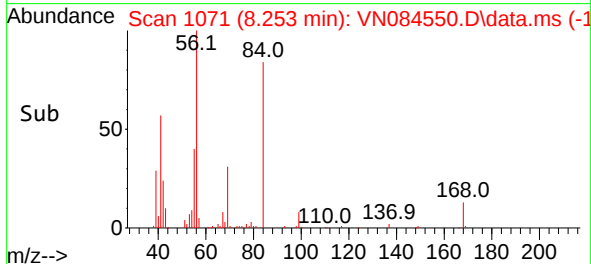
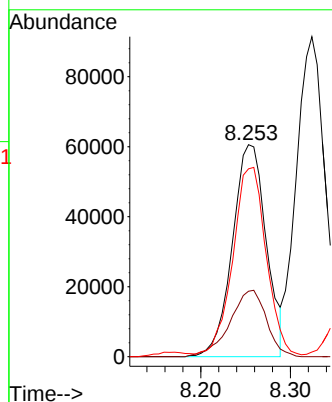
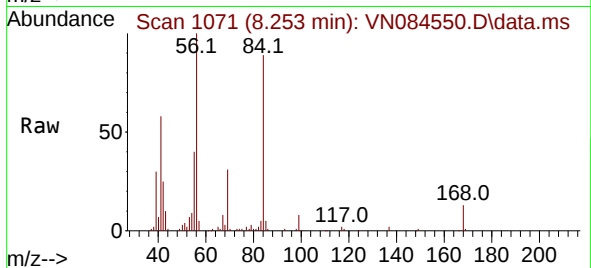




#31
Cyclohexane
Concen: 44.753 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

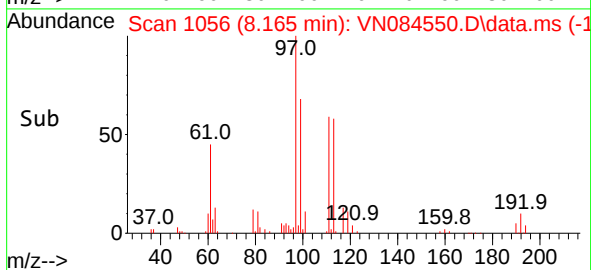
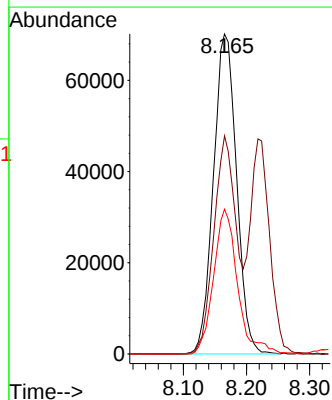
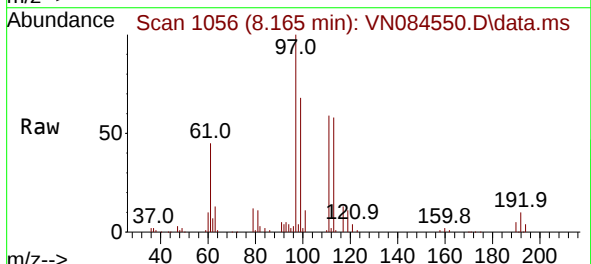
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

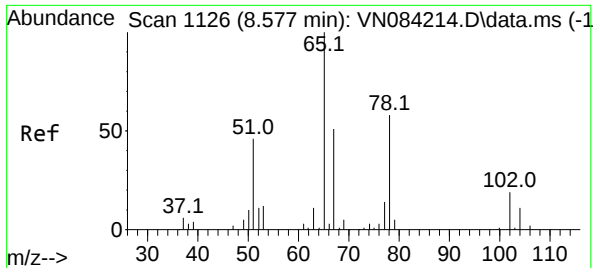
Tgt Ion: 56 Resp: 158787
Ion Ratio Lower Upper
56 100
69 30.9 23.8 35.6
84 86.7 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 52.455 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 97 Resp: 178824
Ion Ratio Lower Upper
97 100
99 66.0 51.2 76.8
61 46.8 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 50.827 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

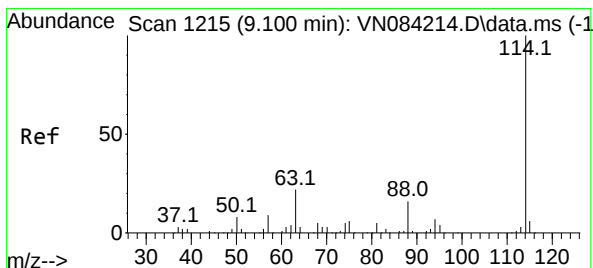
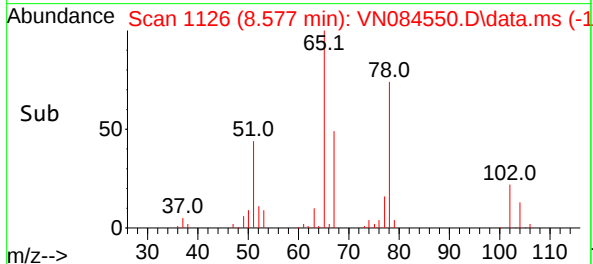
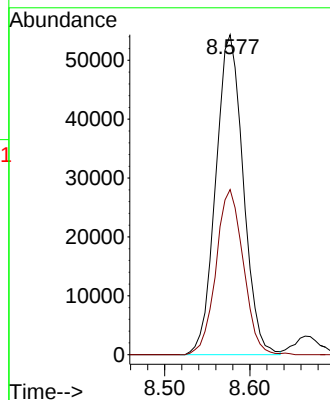
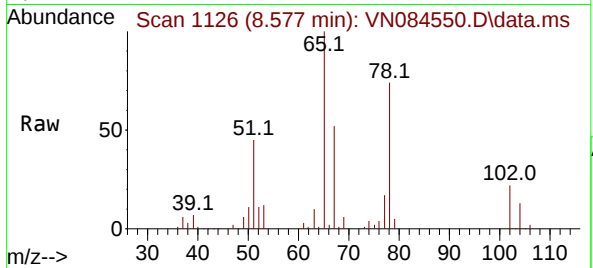
VSTDCCC050EC

Tgt Ion: 65 Resp: 121750

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

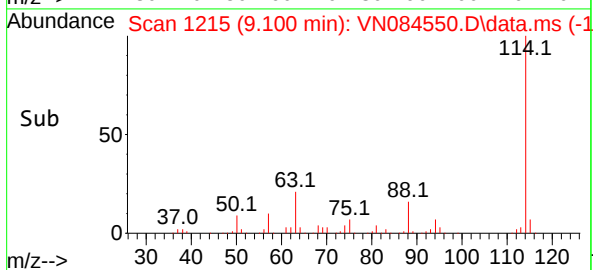
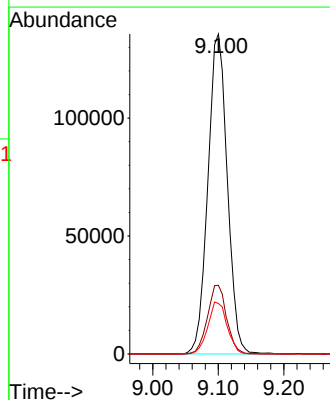
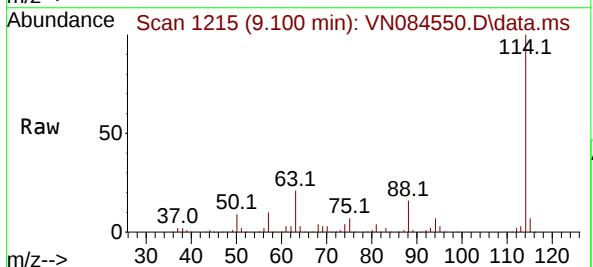
Tgt Ion: 114 Resp: 278976

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.305 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

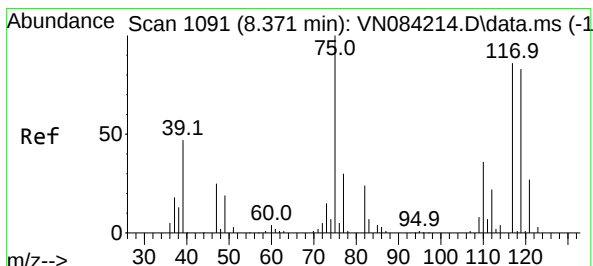
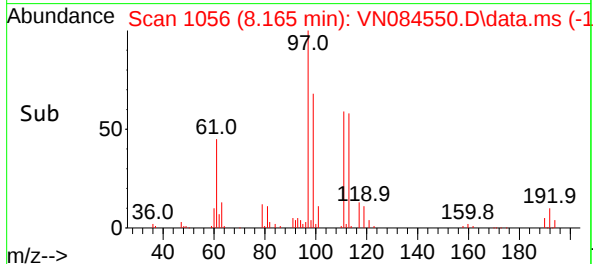
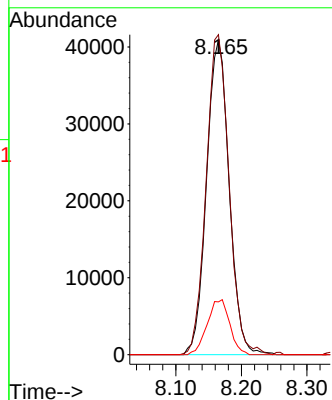
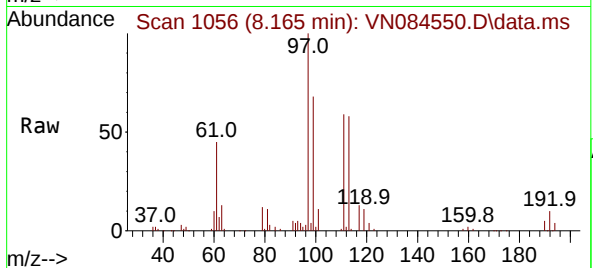
Tgt Ion:113 Resp: 98037

Ion Ratio Lower Upper

113 100

111 102.6 83.3 124.9

192 17.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 51.083 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

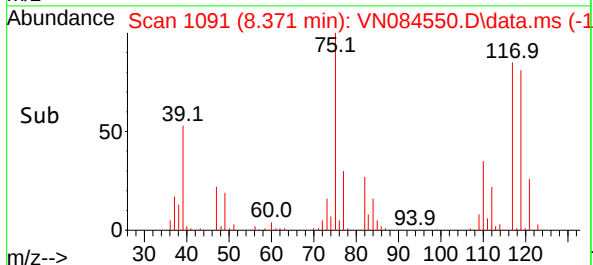
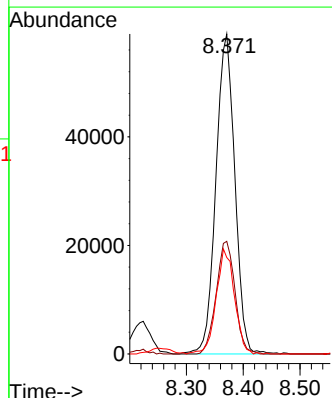
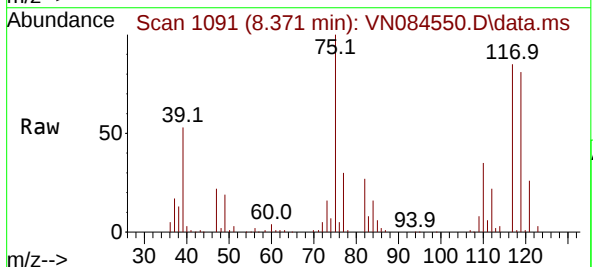
Tgt Ion: 75 Resp: 136466

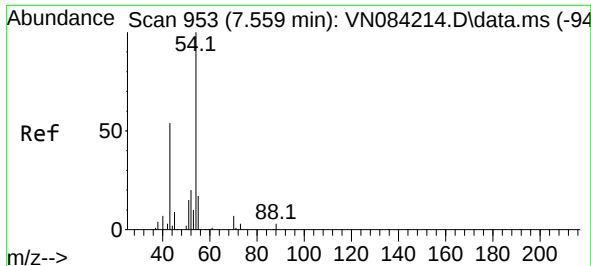
Ion Ratio Lower Upper

75 100

110 35.0 16.9 50.7

77 31.7 24.7 37.1

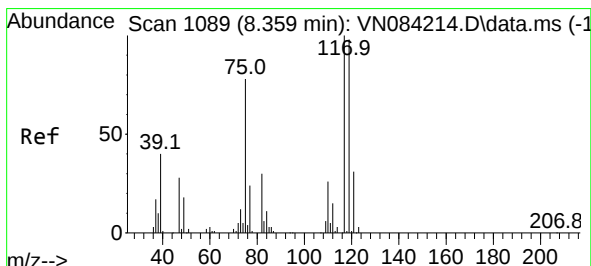
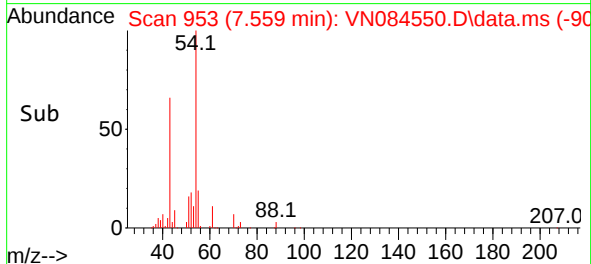
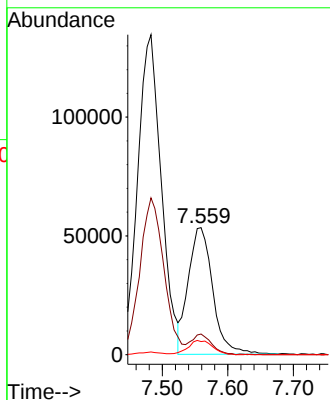
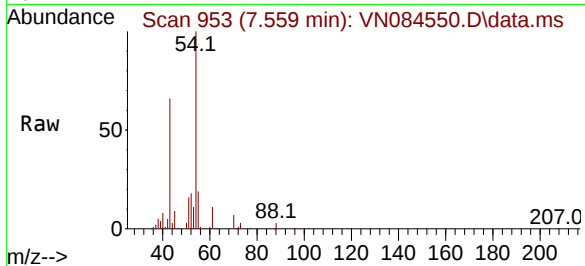




#37
Ethyl Acetate
Concen: 50.519 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

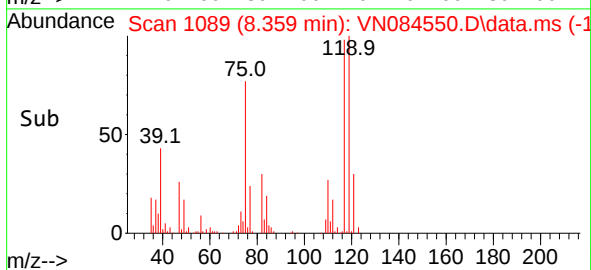
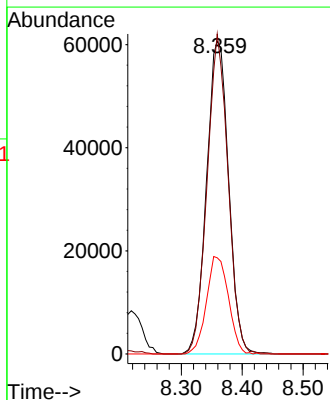
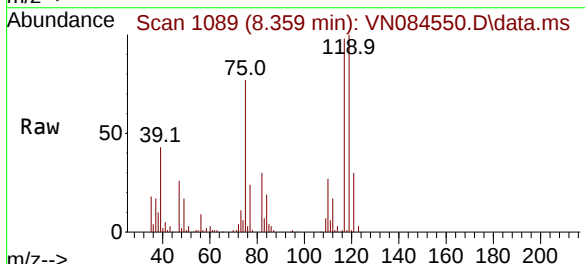
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

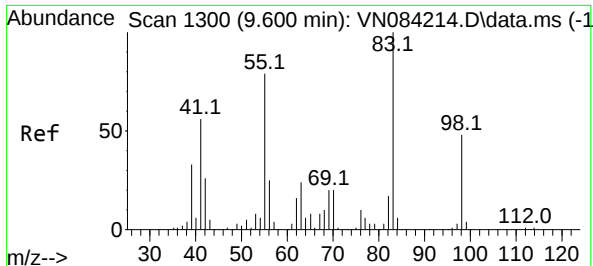
Tgt Ion: 43 Resp: 138459
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 52.192 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 117 Resp: 152948
Ion Ratio Lower Upper
117 100
119 102.4 78.7 118.1
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 49.523 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

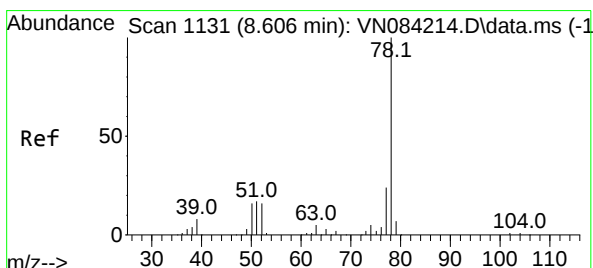
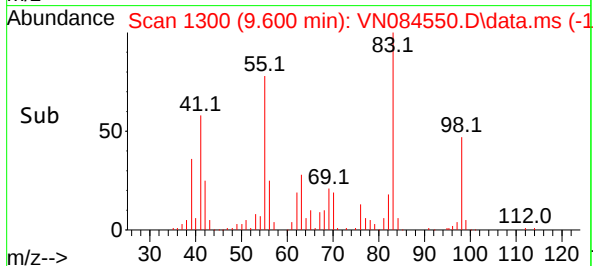
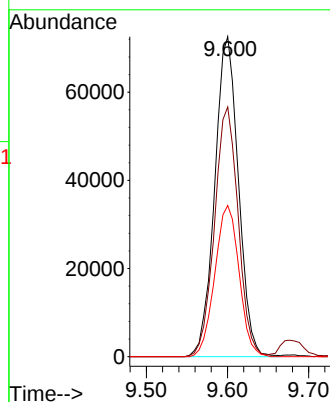
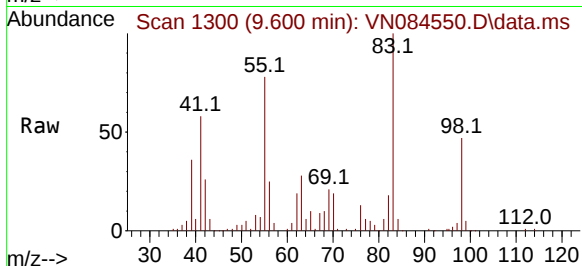
Tgt Ion: 83 Resp: 147244

Ion Ratio Lower Upper

83 100

55 78.1 62.8 94.2

98 47.2 38.8 58.2



#40

Benzene

Concen: 52.498 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084550.D

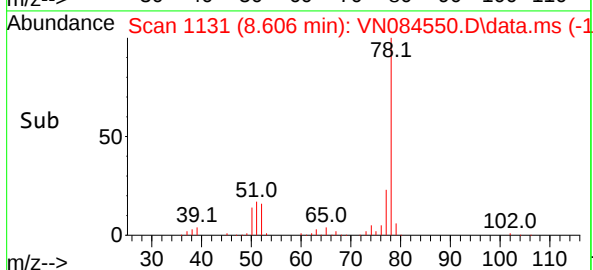
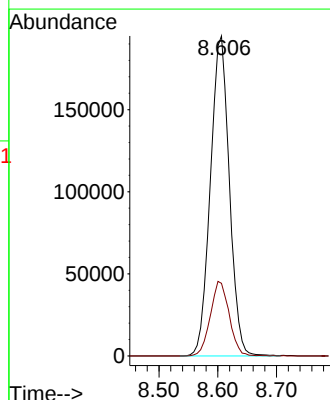
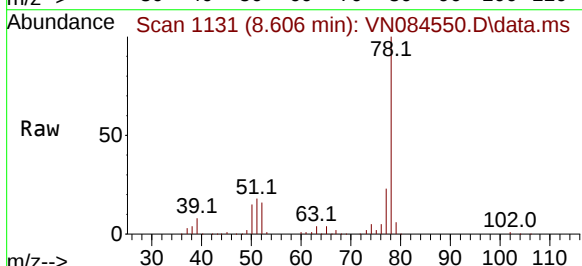
Acq: 28 Oct 2024 21:02

Tgt Ion: 78 Resp: 436967

Ion Ratio Lower Upper

78 100

77 22.7 19.1 28.7

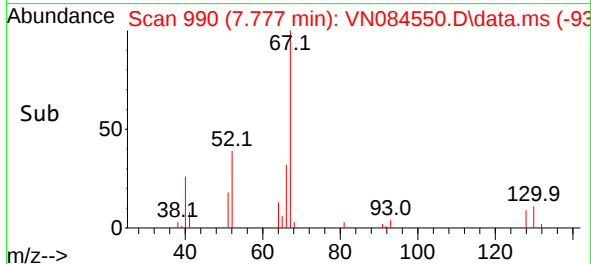
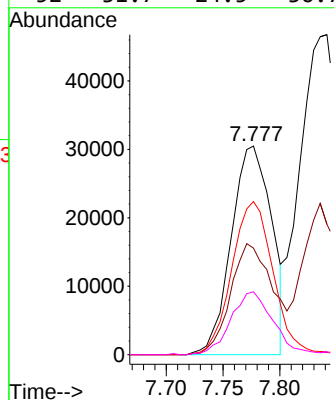
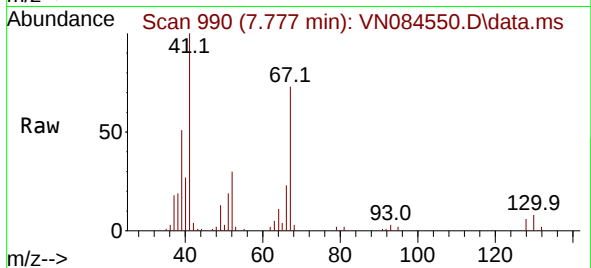




#41
Methacrylonitrile
Concen: 50.587 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

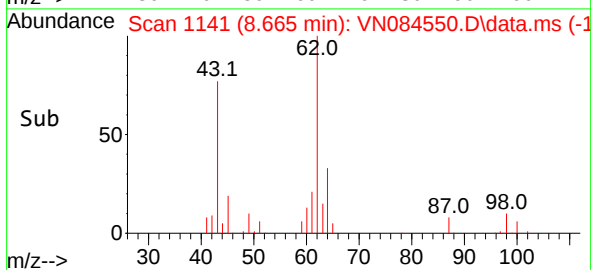
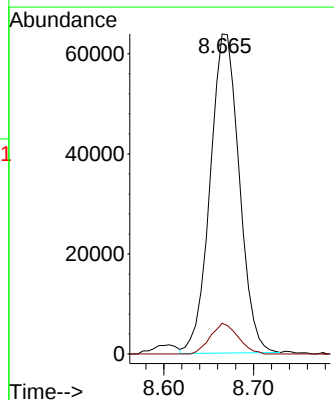
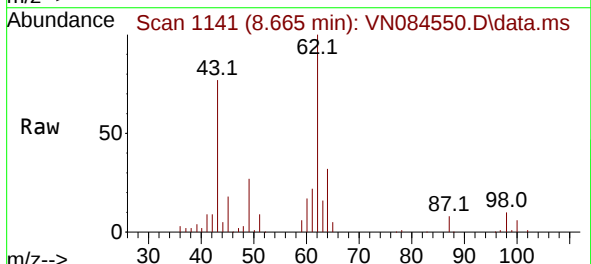
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

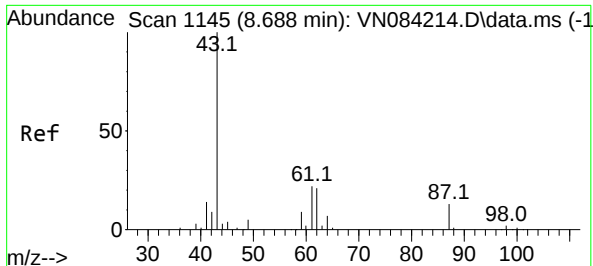
Tgt Ion:	41	Resp:	75268
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.3	64.9
67	75.9	56.1	84.1
52	31.7	24.5	36.7



#42
1,2-Dichloroethane
Concen: 50.982 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion:	62	Resp:	143860
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 65.126 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

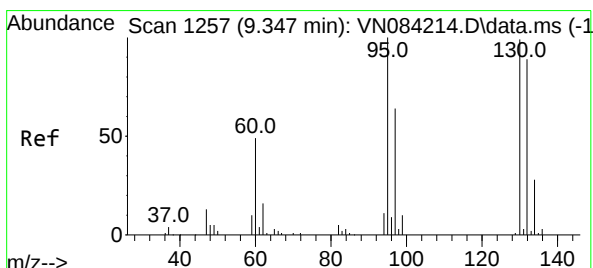
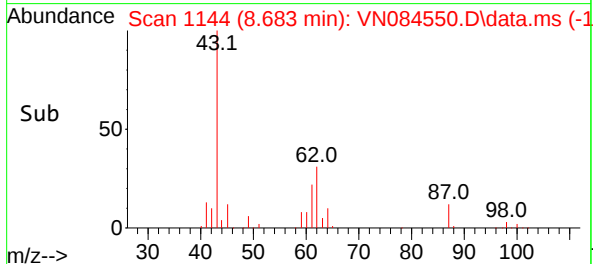
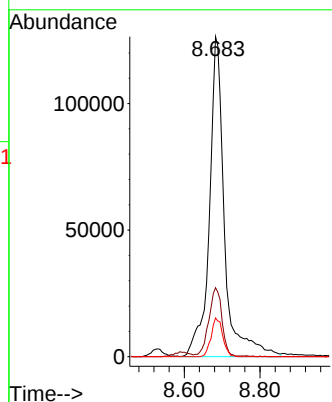
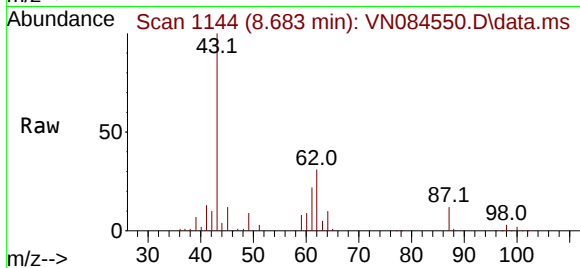
Tgt Ion: 43 Resp: 349610

Ion Ratio Lower Upper

43 100

61 18.4 20.4 30.6#

87 9.2 10.3 15.5#



#44

Trichloroethene

Concen: 50.971 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN084550.D

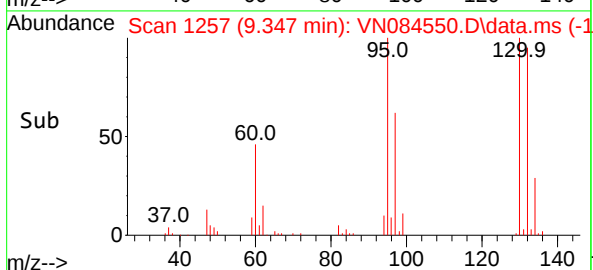
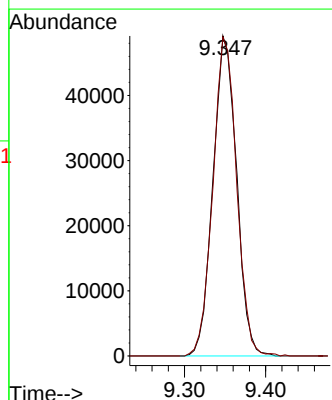
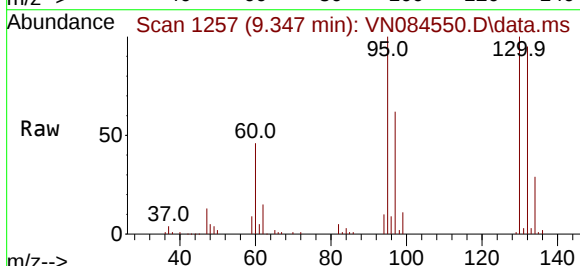
Acq: 28 Oct 2024 21:02

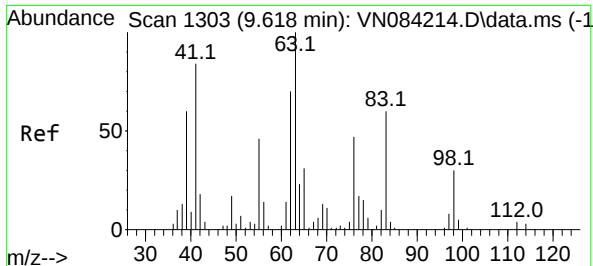
Tgt Ion:130 Resp: 99088

Ion Ratio Lower Upper

130 100

95 99.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 54.048 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

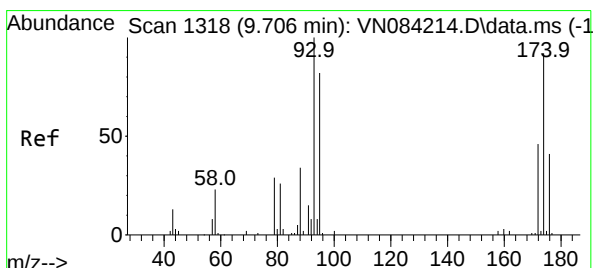
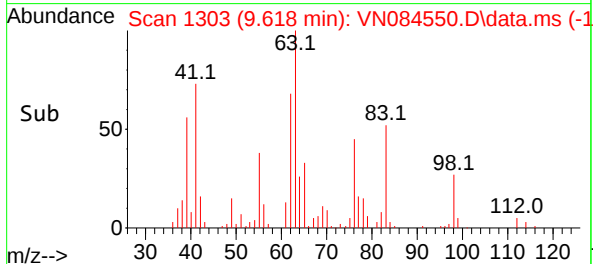
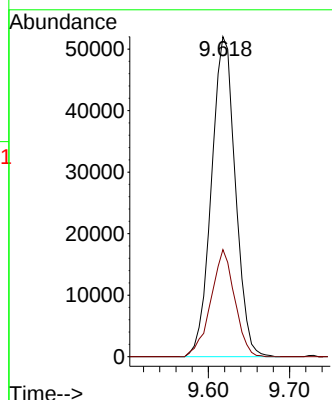
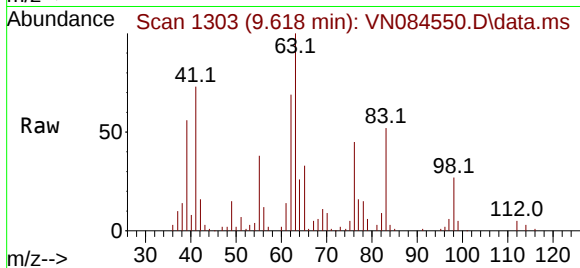
VSTDCCC050EC

Tgt Ion: 63 Resp: 106420

Ion Ratio Lower Upper

63 100

65 33.5 24.6 37.0



#46

Dibromomethane

Concen: 55.856 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

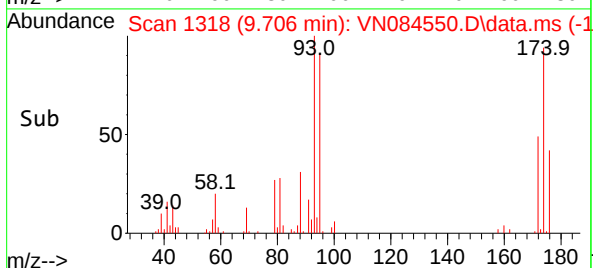
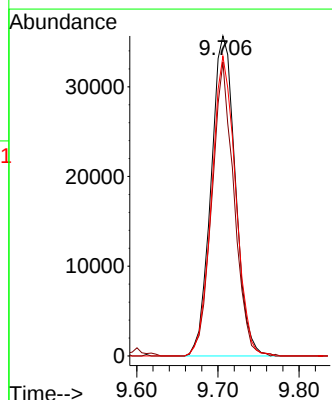
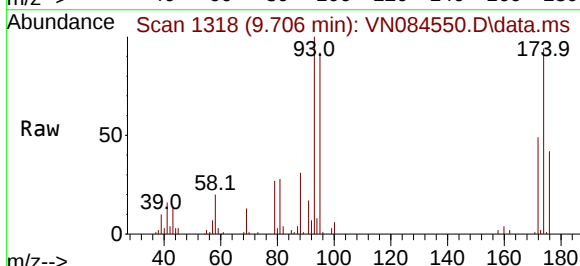
Tgt Ion: 93 Resp: 74219

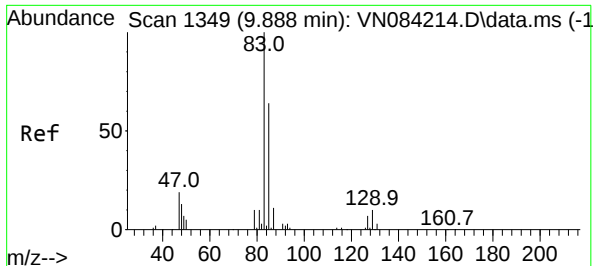
Ion Ratio Lower Upper

93 100

95 83.6 65.0 97.4

174 92.1 71.8 107.8

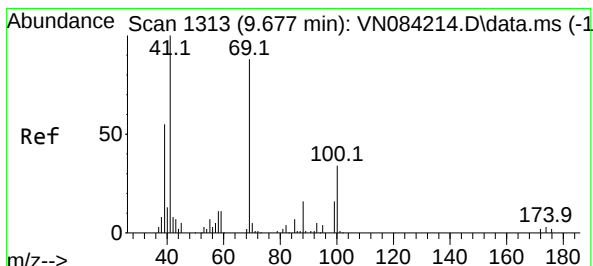
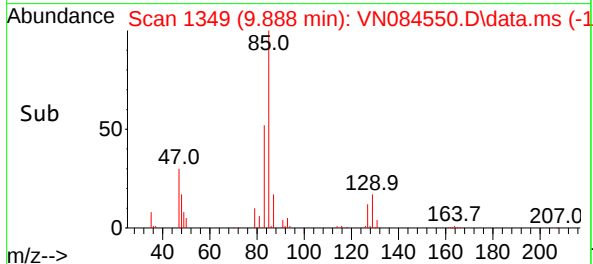
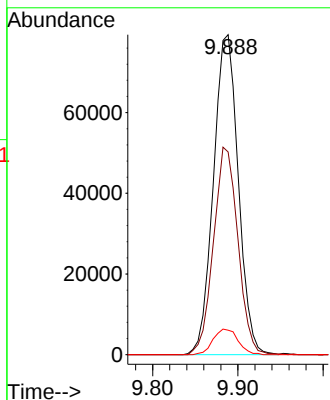
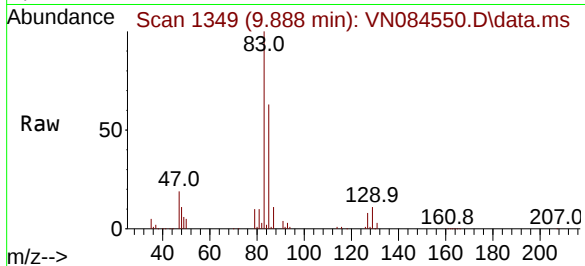




#47
Bromodichloromethane
Concen: 54.492 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

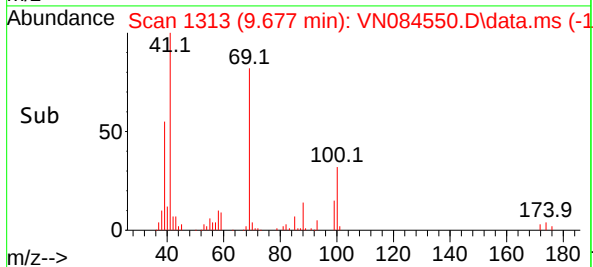
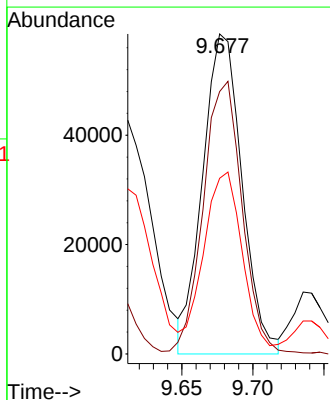
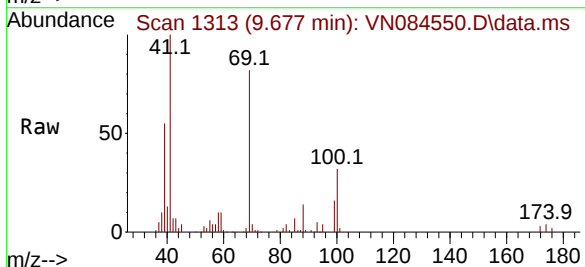
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

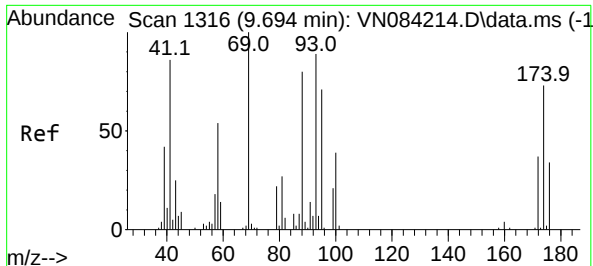
Tgt Ion: 83 Resp: 160866
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3
127 7.7 5.7 8.5



#48
Methyl methacrylate
Concen: 52.892 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 41 Resp: 113027
Ion Ratio Lower Upper
41 100
69 84.5 67.1 100.7
39 56.3 45.8 68.6





#49

1,4-Dioxane

Concen: 905.532 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

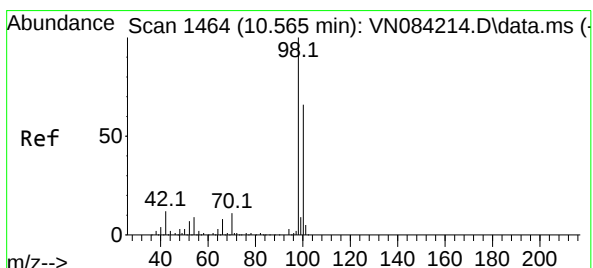
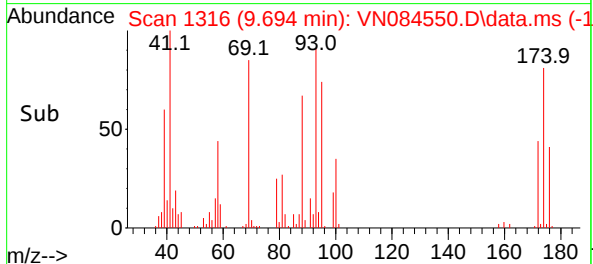
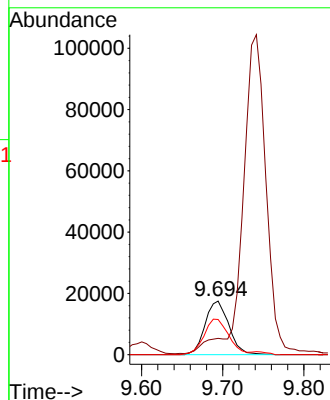
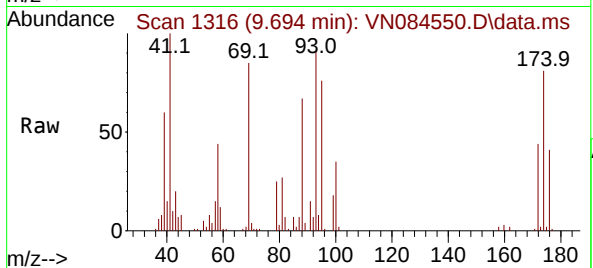
Tgt Ion: 88 Resp: 35625

Ion Ratio Lower Upper

88 100

43 0.0 25.3 37.9#

58 69.6 56.4 84.6



#50

Toluene-d8

Concen: 51.281 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084550.D

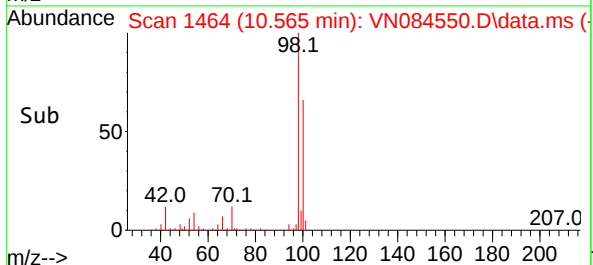
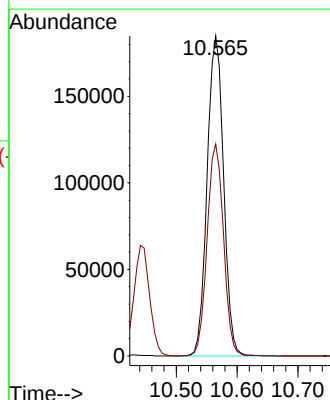
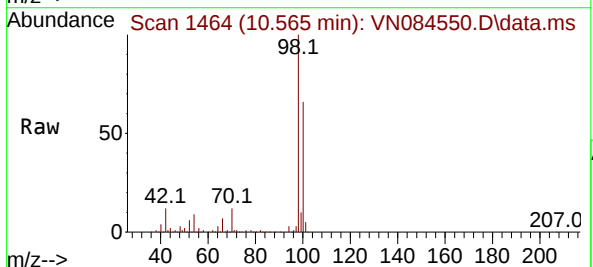
Acq: 28 Oct 2024 21:02

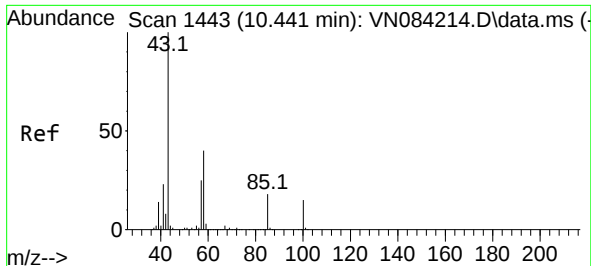
Tgt Ion: 98 Resp: 346993

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1

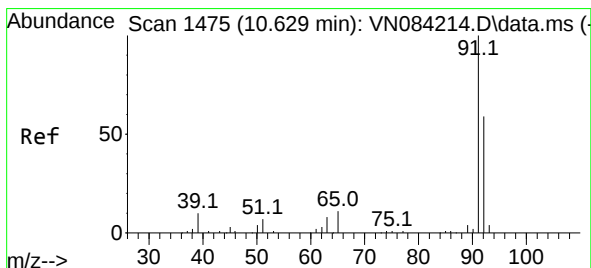
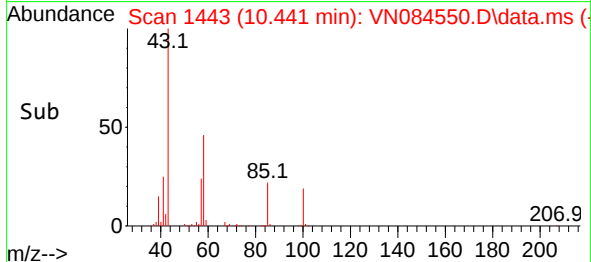
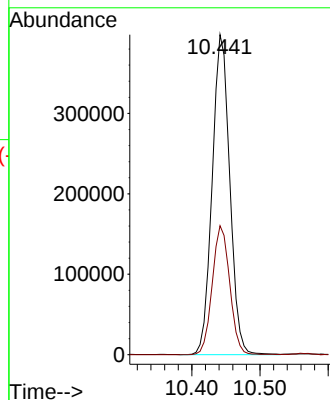
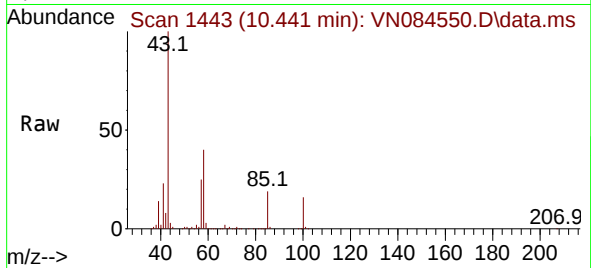




#51
4-Methyl-2-Pentanone
Concen: 273.966 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

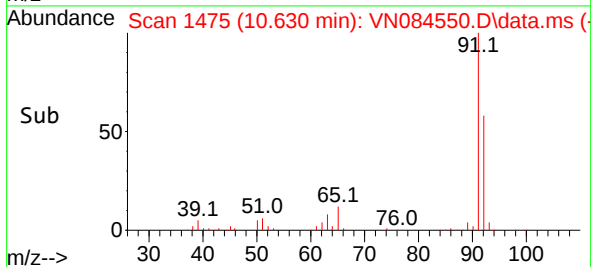
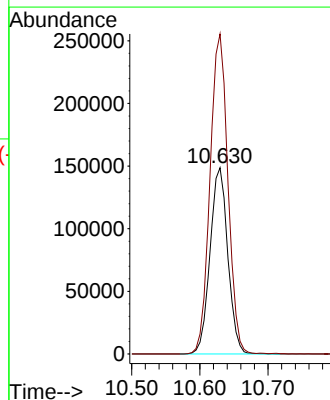
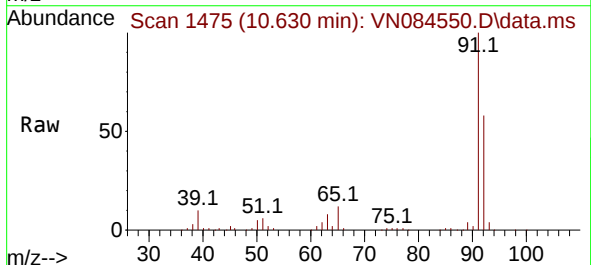
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

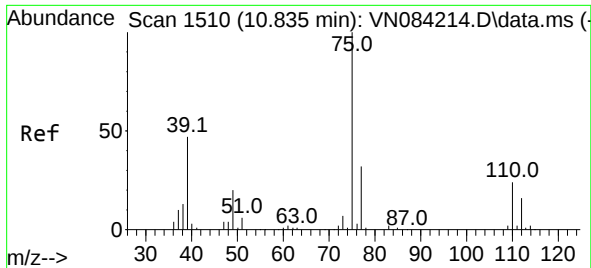
Tgt Ion: 43 Resp: 714789
Ion Ratio Lower Upper
43 100
58 40.0 31.6 47.4



#52
Toluene
Concen: 53.095 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 92 Resp: 269489
Ion Ratio Lower Upper
92 100
91 173.0 137.3 205.9

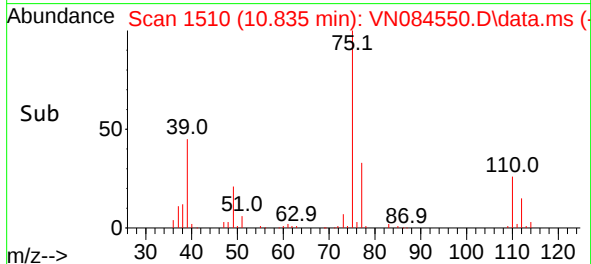
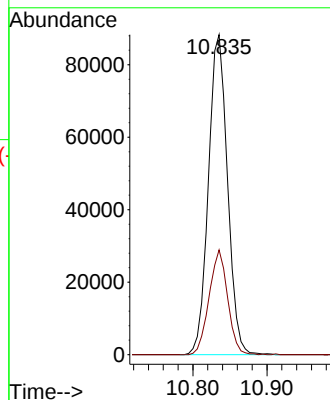
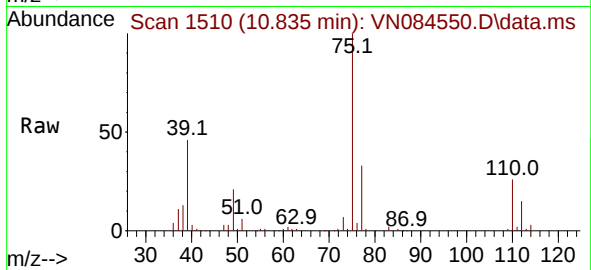




#53
t-1,3-Dichloropropene
Concen: 52.443 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

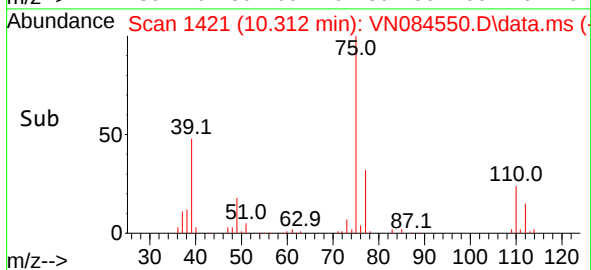
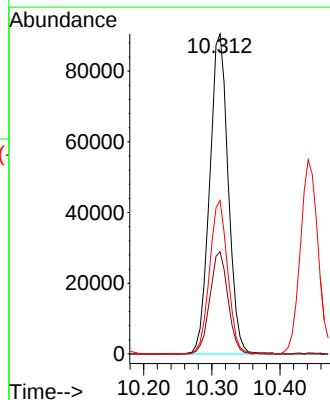
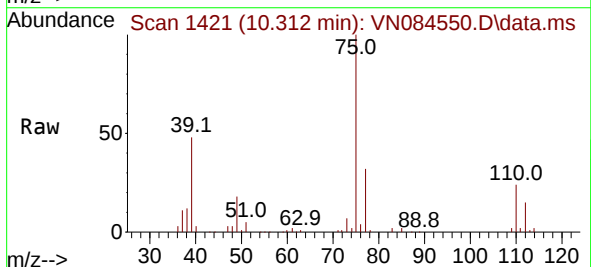
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

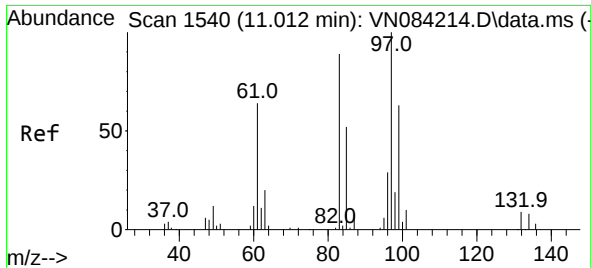
Tgt Ion: 75 Resp: 157811
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.878 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 75 Resp: 171155
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.2
39 48.0 38.7 58.1

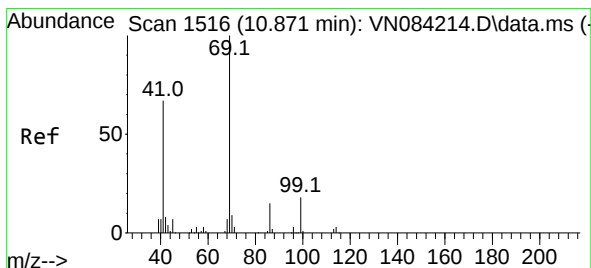
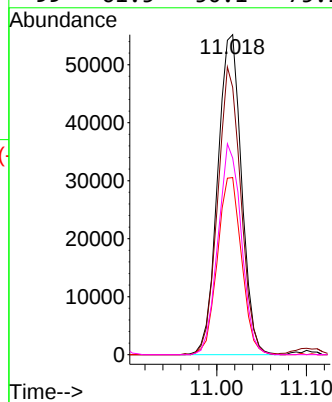
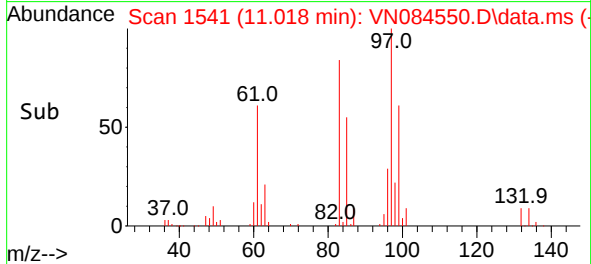
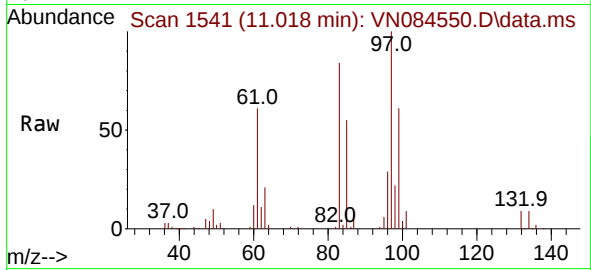




#55
 1,1,2-Trichloroethane
 Concen: 56.093 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

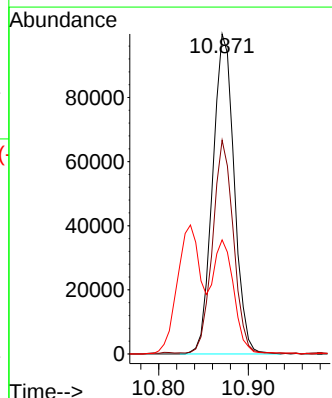
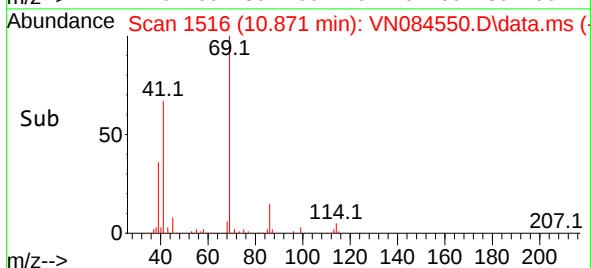
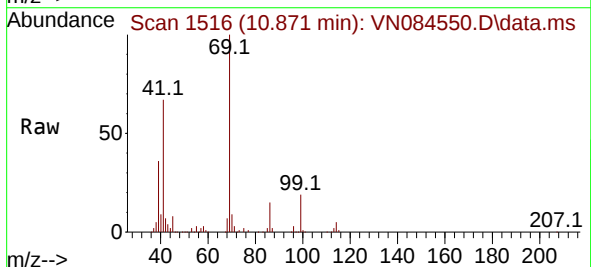
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97	Resp: 102065
Ion Ratio	Lower Upper
97 100	
83 83.6	71.0 106.4
85 55.4	41.7 62.5
99 61.5	50.1 75.1



#56
 Ethyl methacrylate
 Concen: 55.509 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Tgt Ion: 69	Resp: 166194
Ion Ratio	Lower Upper
69 100	
41 64.4	53.3 79.9
39 34.9	28.8 43.2





#57

1,3-Dichloropropane

Concen: 53.853 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

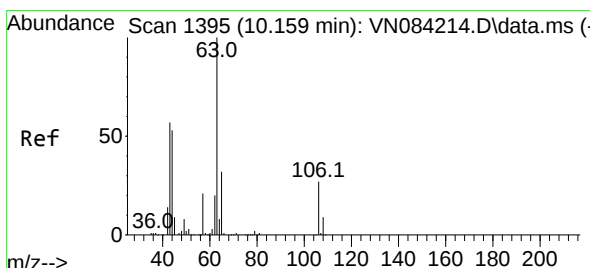
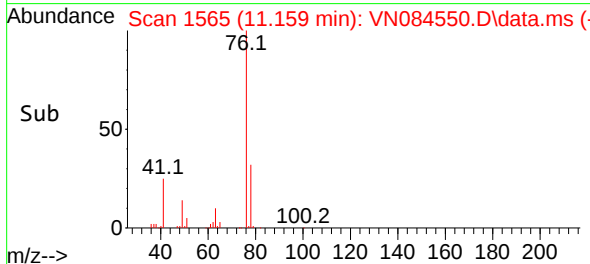
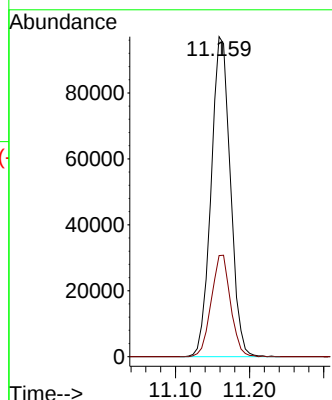
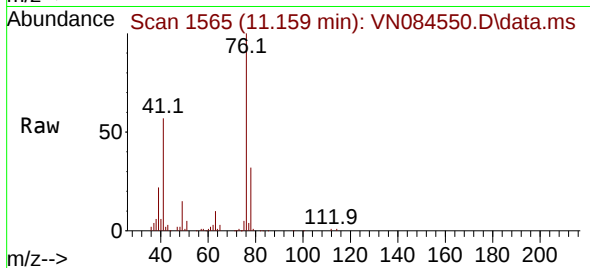
VSTDCCC050EC

Tgt Ion: 76 Resp: 175092

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 279.356 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084550.D

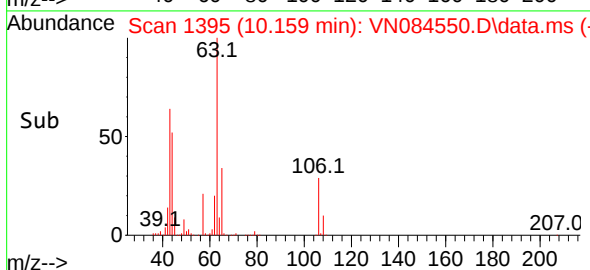
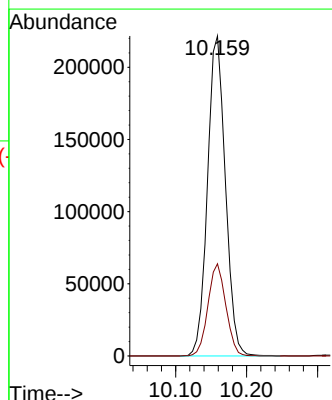
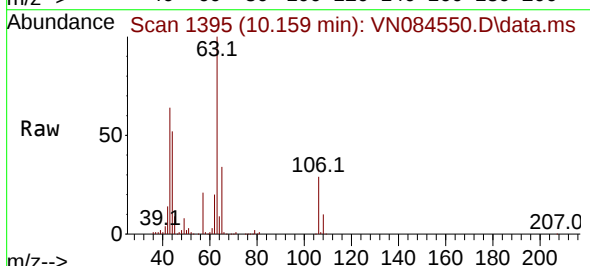
Acq: 28 Oct 2024 21:02

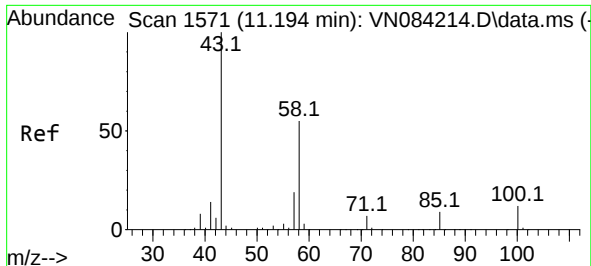
Tgt Ion: 63 Resp: 387998

Ion Ratio Lower Upper

63 100

106 28.8 21.8 32.6

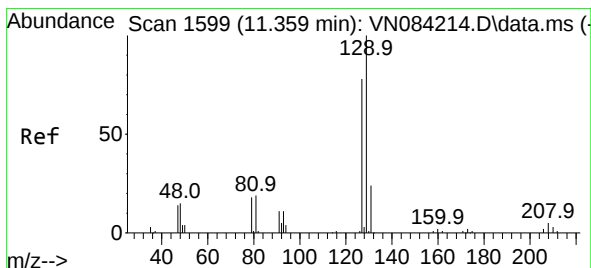
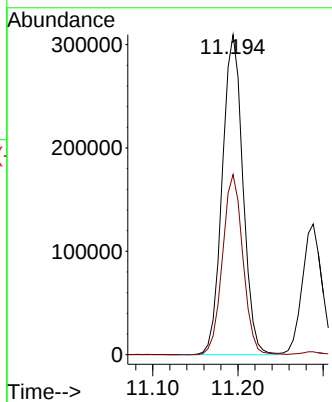
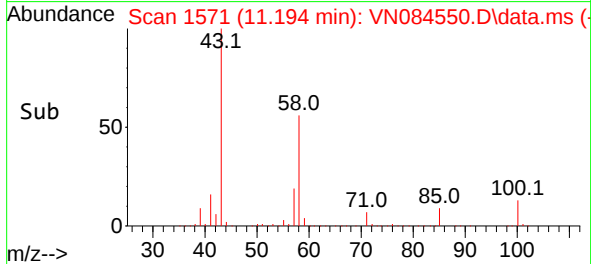
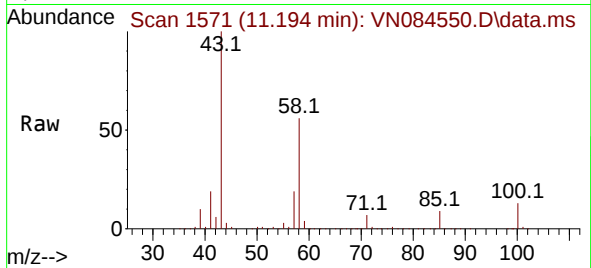




#59
2-Hexanone
Concen: 267.402 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

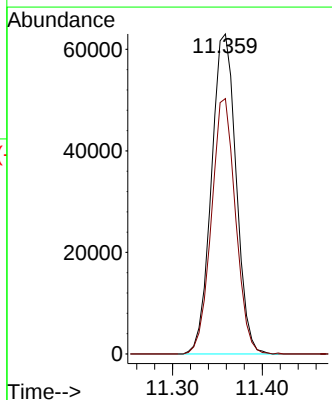
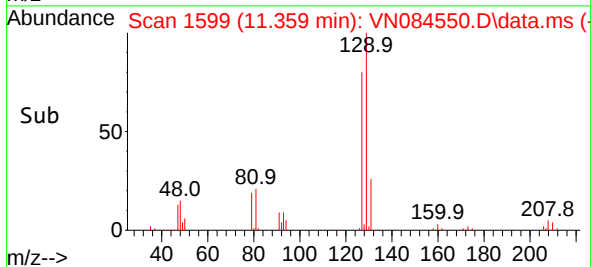
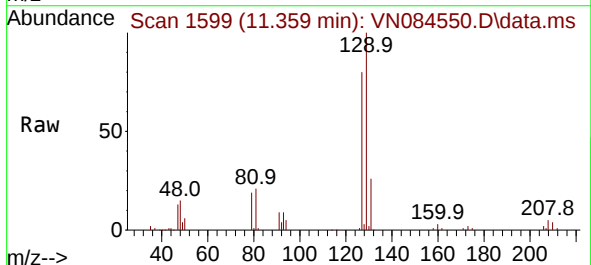
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

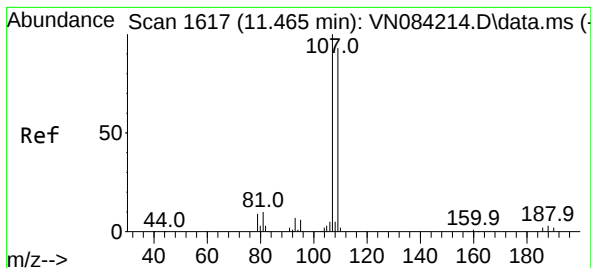
Tgt Ion: 43 Resp: 521443
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8



#60
Dibromochloromethane
Concen: 55.989 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 129 Resp: 120370
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 53.550 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

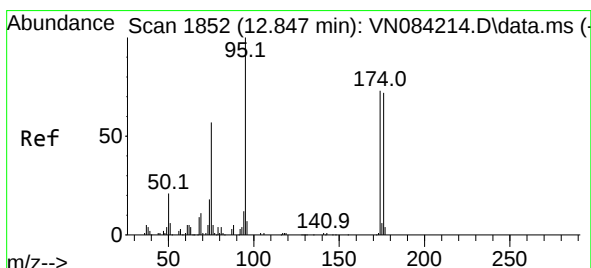
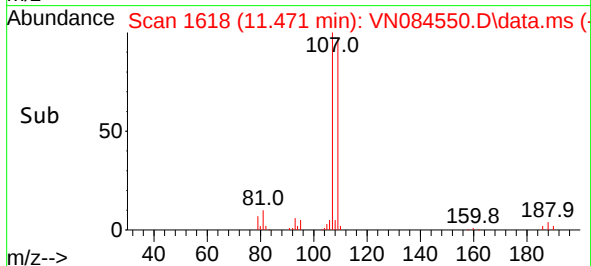
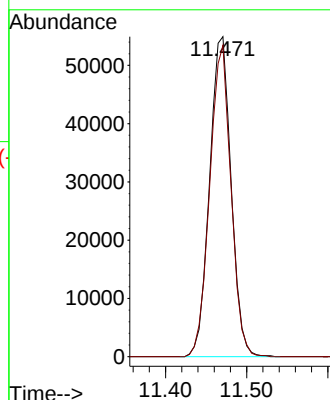
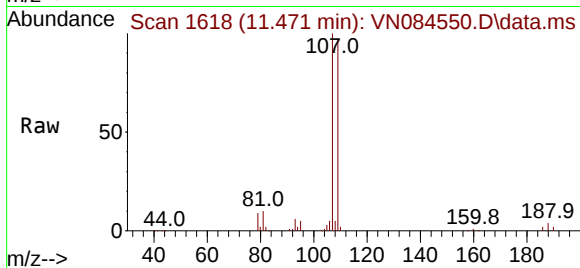
VSTDCCC050EC

Tgt Ion:107 Resp: 101246

Ion Ratio Lower Upper

107 100

109 95.7 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 55.163 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

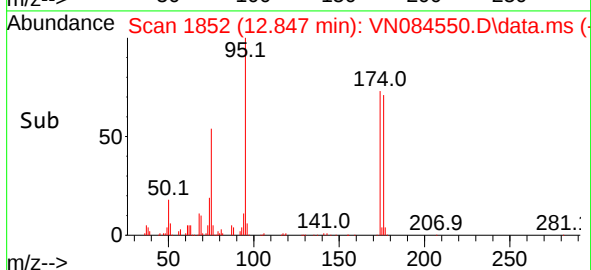
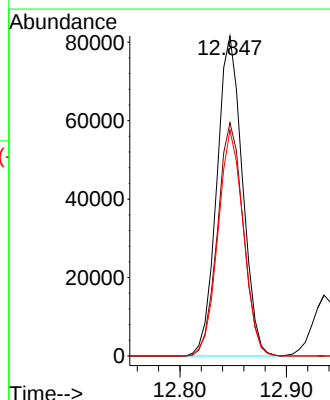
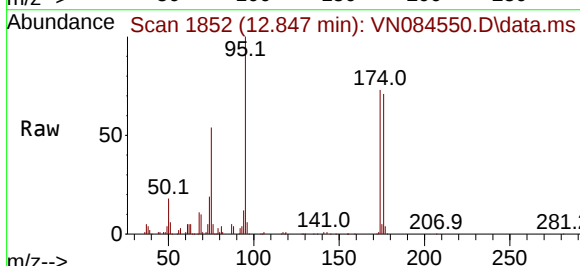
Tgt Ion: 95 Resp: 135984

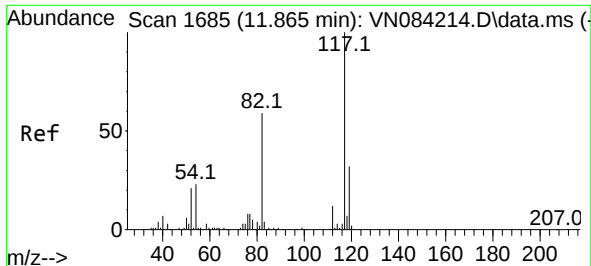
Ion Ratio Lower Upper

95 100

174 73.2 0.0 145.2

176 70.1 0.0 140.0

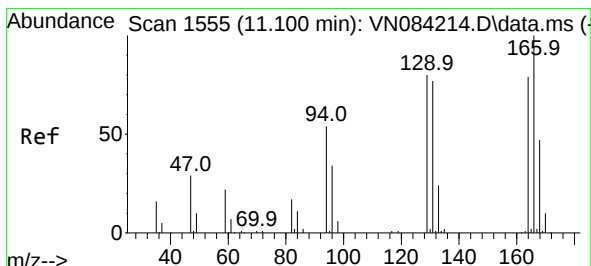
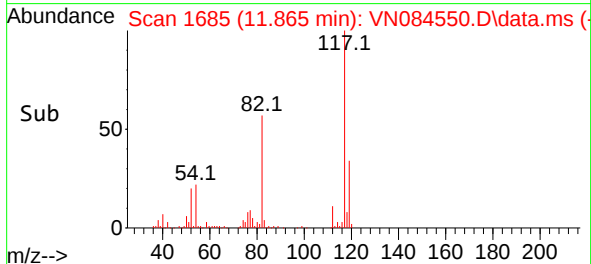
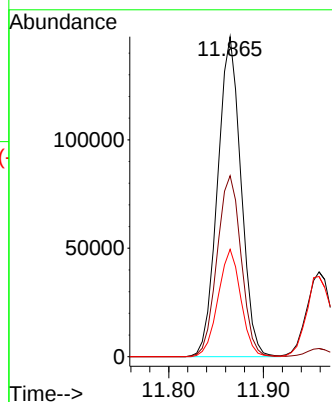
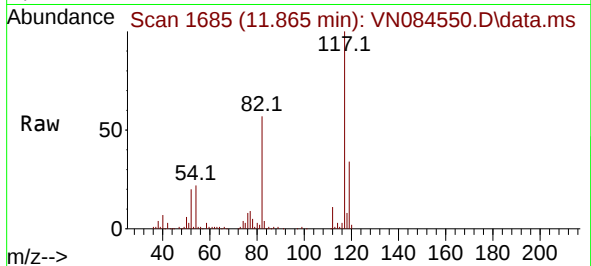




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117.1
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

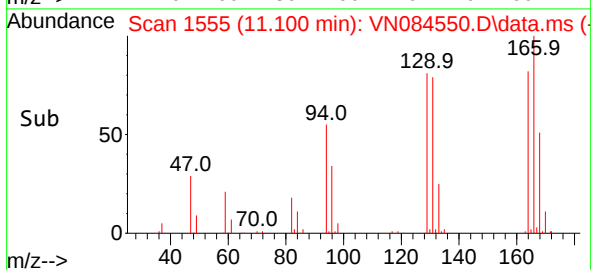
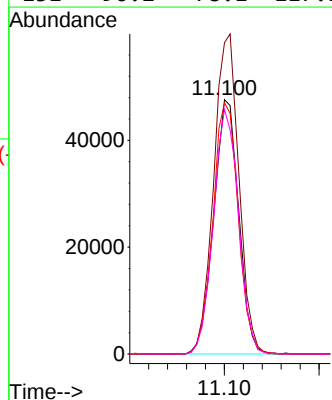
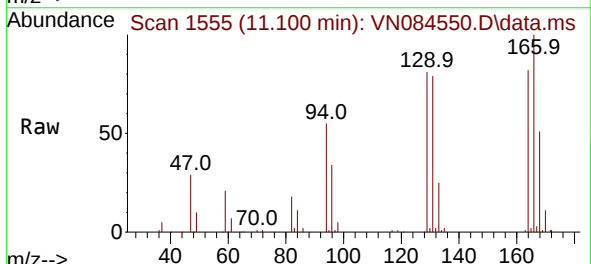
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

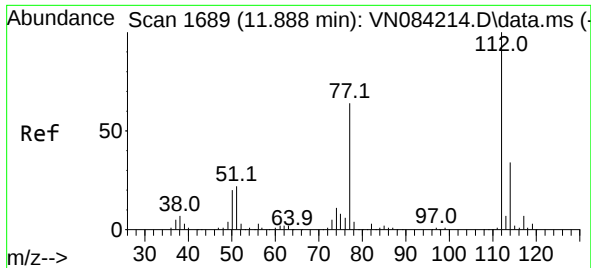
Tgt Ion:117 Resp: 253605
Ion Ratio Lower Upper
117 100
82 56.5 47.2 70.8
119 33.5 25.4 38.0



#64
Tetrachloroethene
Concen: 49.432 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion:164 Resp: 87317
Ion Ratio Lower Upper
164 100
166 122.4 101.0 151.4
129 98.8 80.8 121.2
131 96.2 78.1 117.1

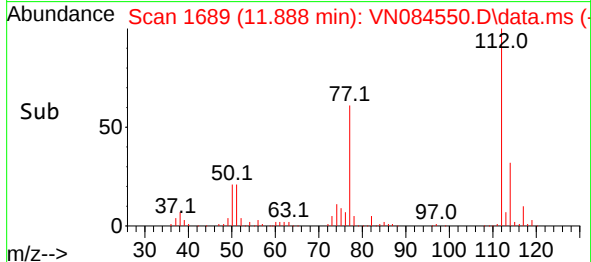
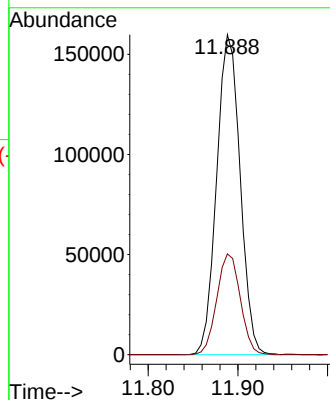
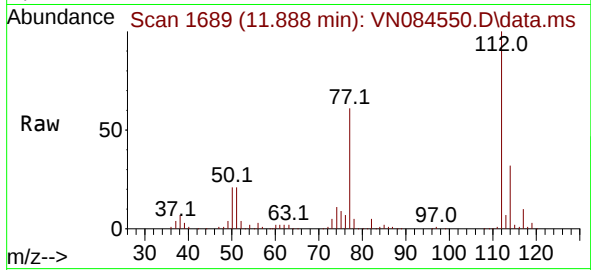




#65
Chlorobenzene
Concen: 51.584 ug/l
RT: 11.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

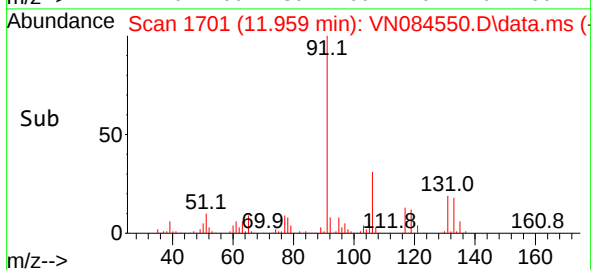
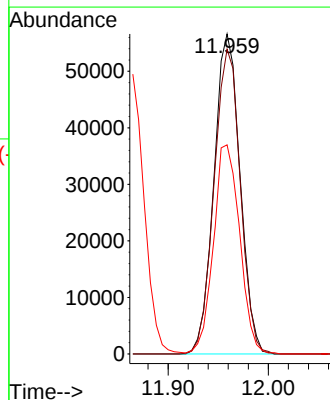
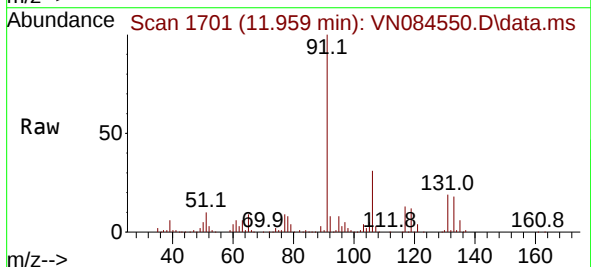
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 290060
Ion Ratio Lower Upper
112 100
114 31.5 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.733 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion:131 Resp: 102132
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 65.8 32.8 98.3

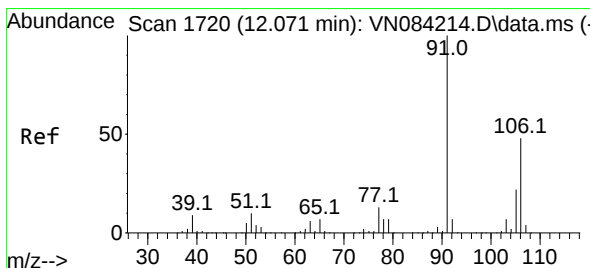
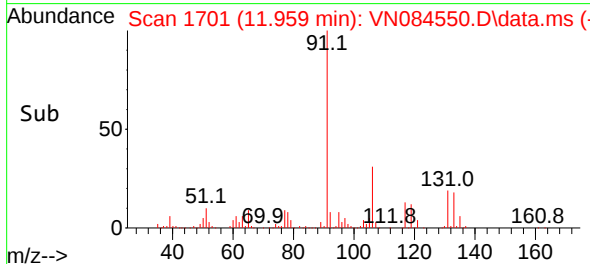
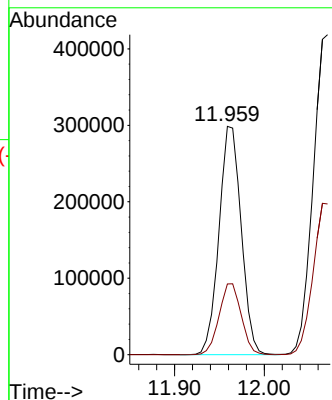
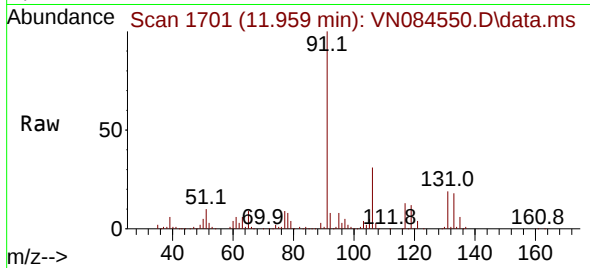




#67
Ethyl Benzene
Concen: 51.646 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

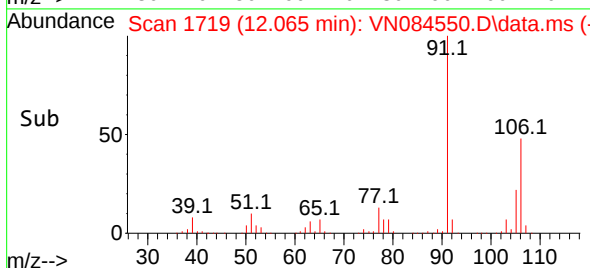
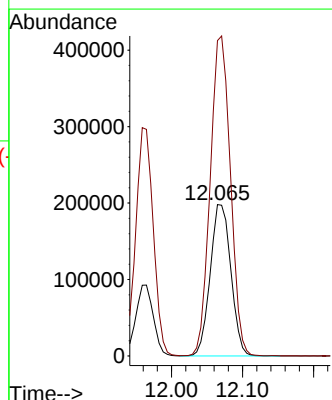
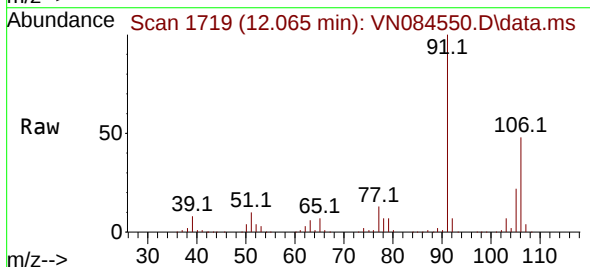
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

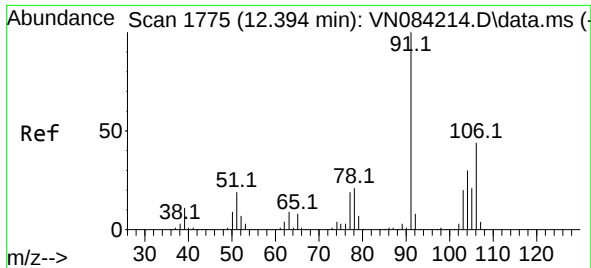
Tgt Ion: 91 Resp: 513576
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



#68
m/p-Xylenes
Concen: 108.723 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 106 Resp: 399929
Ion Ratio Lower Upper
106 100
91 206.6 167.1 250.7

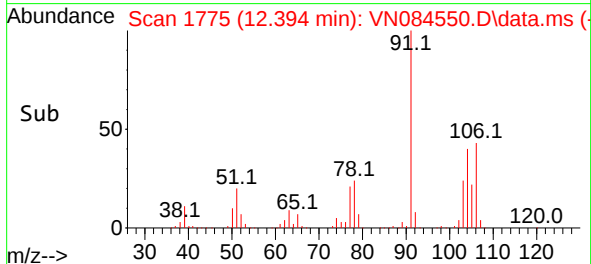
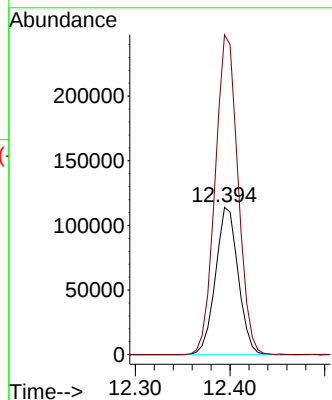
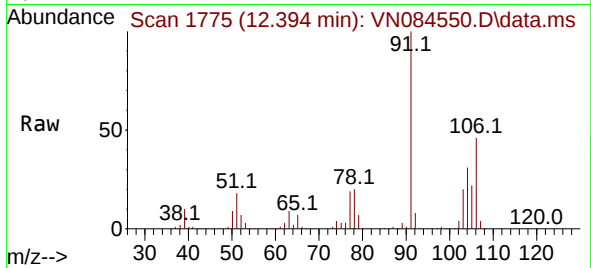




#69
o-Xylene
Concen: 54.486 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

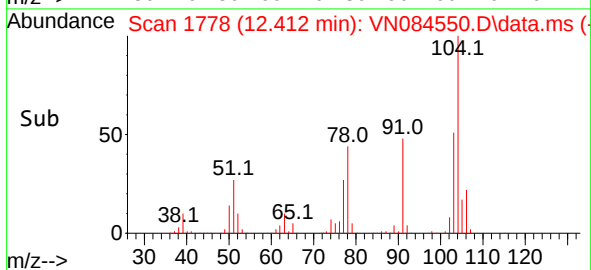
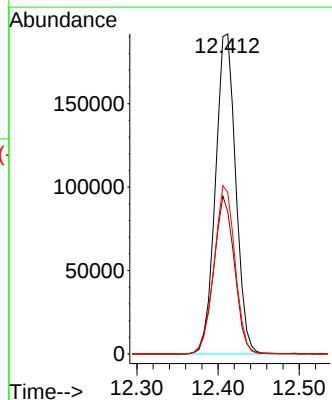
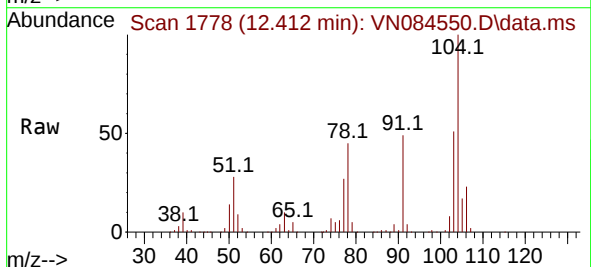
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 189624
Ion Ratio Lower Upper
106 100
91 219.1 110.2 330.6



#70
Styrene
Concen: 56.451 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion:104 Resp: 332772
Ion Ratio Lower Upper
104 100
78 50.8 42.7 64.1
103 54.3 43.6 65.4





#71

Bromoform

Concen: 56.547 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

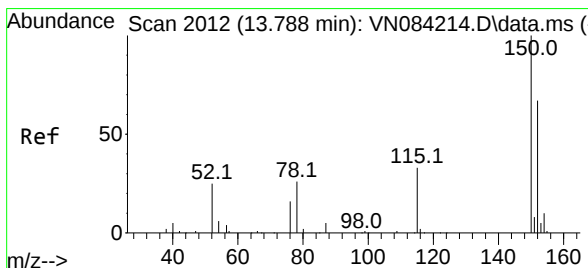
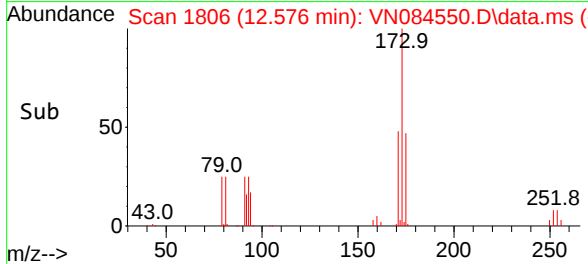
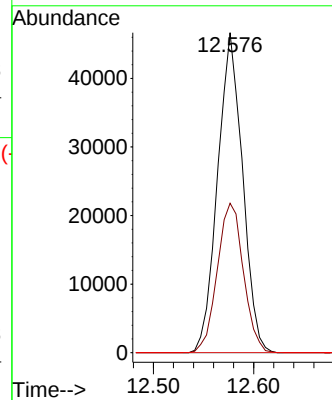
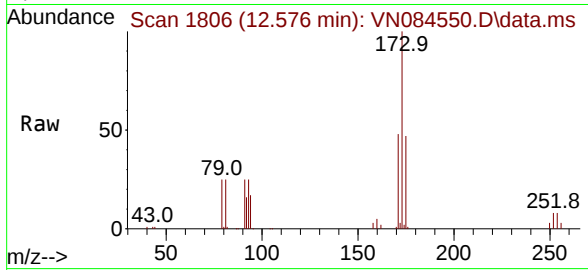
Tgt Ion:173 Resp: 80632

Ion Ratio Lower Upper

173 100

175 49.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

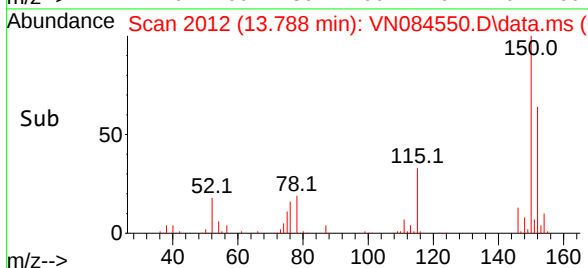
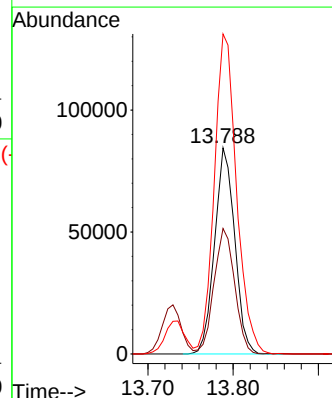
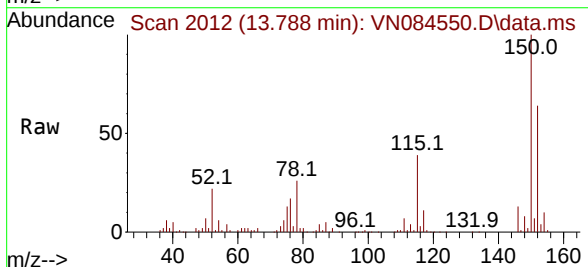
Tgt Ion:152 Resp: 138740

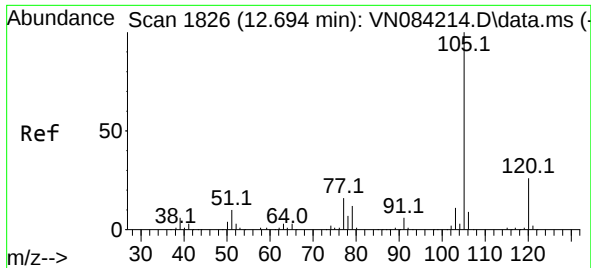
Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.9

150 171.6 0.0 349.8

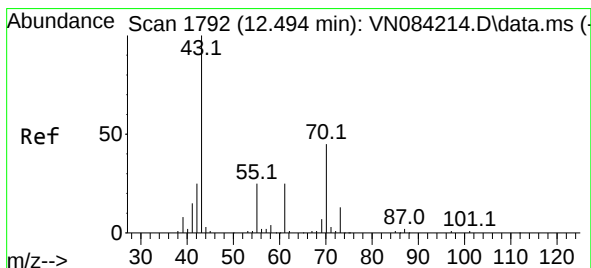
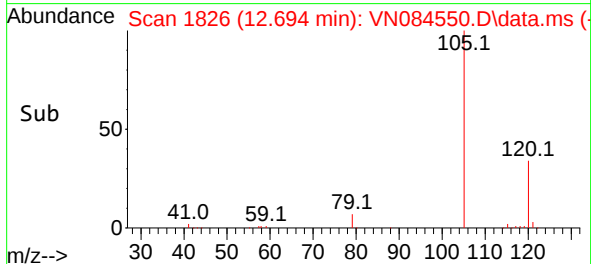
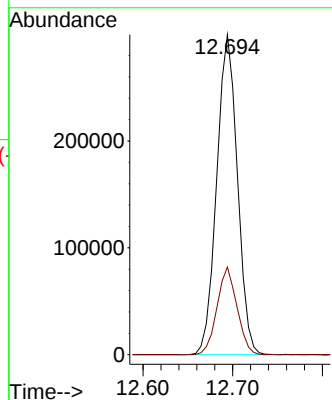
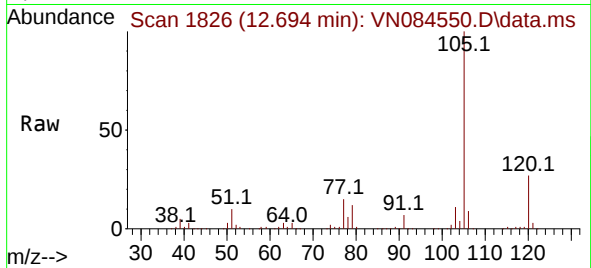




#73
Isopropylbenzene
Concen: 45.329 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

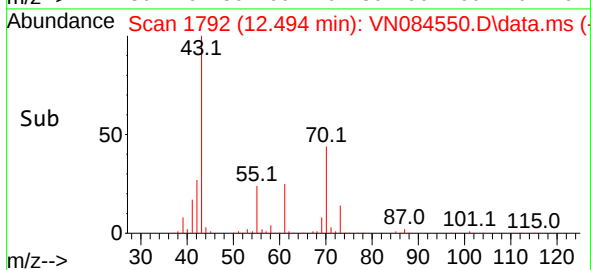
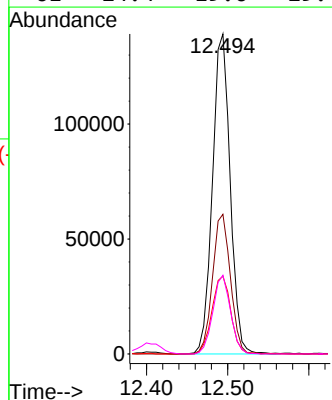
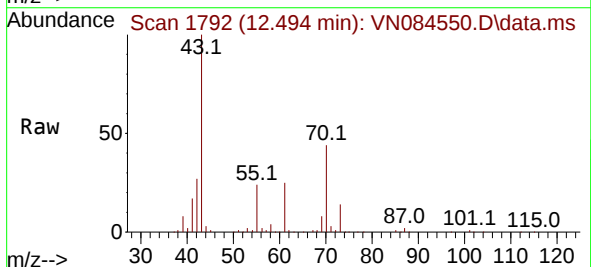
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

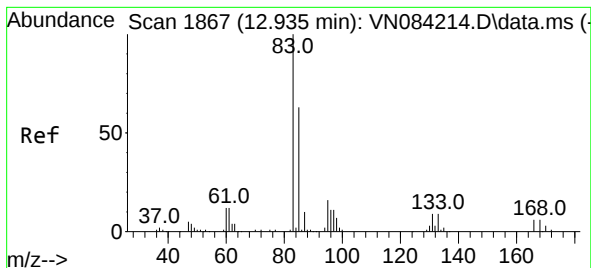
Tgt Ion:105 Resp: 479901
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.7



#74
N-ethyl acetate
Concen: 43.939 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 43 Resp: 210653
Ion Ratio Lower Upper
43 100
70 44.2 34.4 51.6
55 25.8 19.6 29.4
61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.496 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

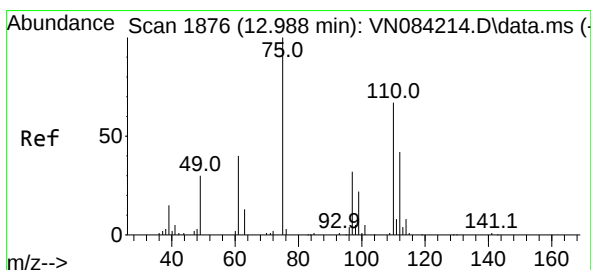
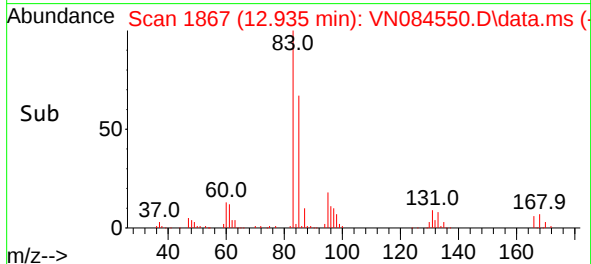
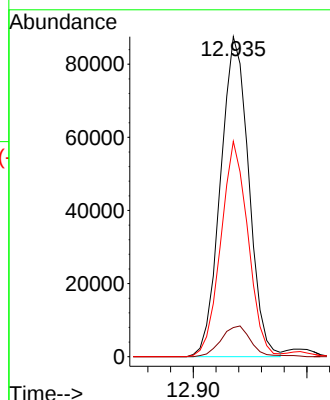
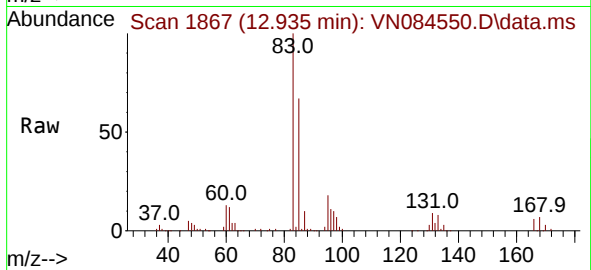
Tgt Ion: 83 Resp: 151201

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

85 64.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 66.864 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN084550.D

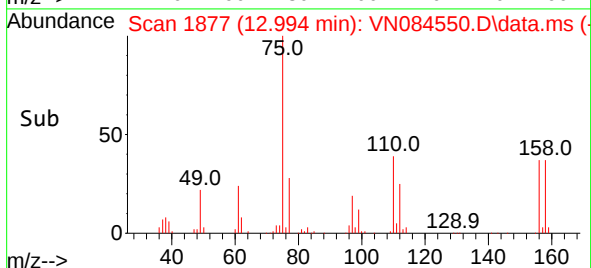
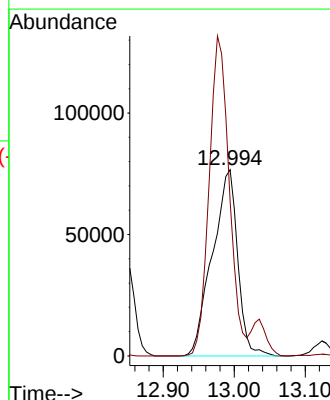
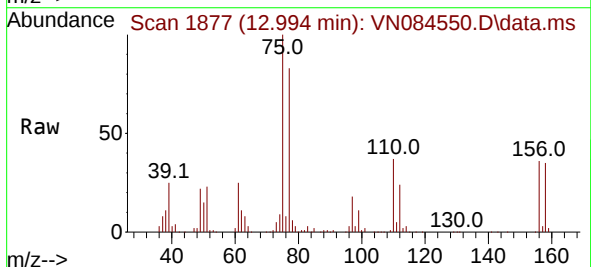
Acq: 28 Oct 2024 21:02

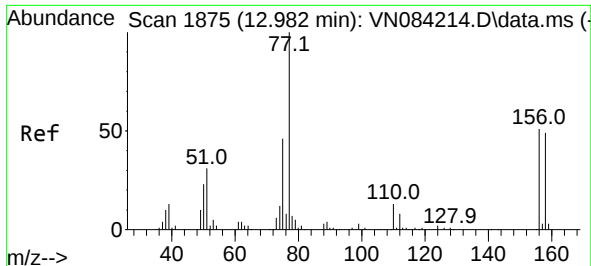
Tgt Ion: 75 Resp: 189386

Ion Ratio Lower Upper

75 100

77 136.7 96.9 290.7

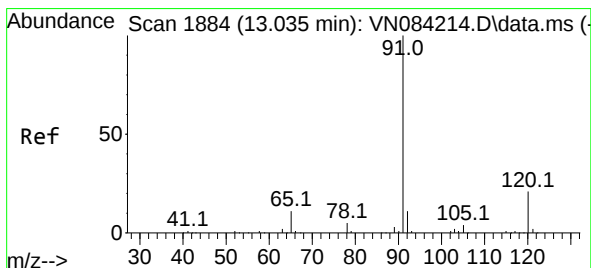
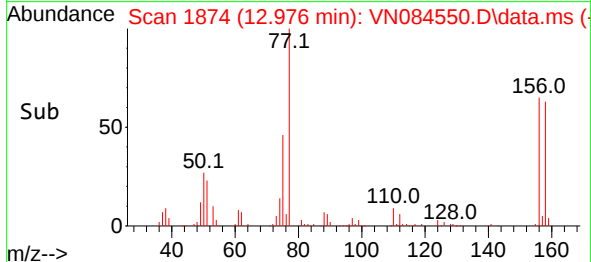
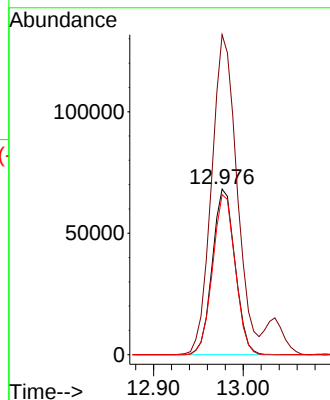
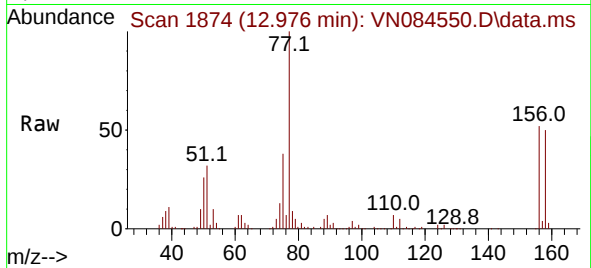




#77
Bromobenzene
Concen: 46.967 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

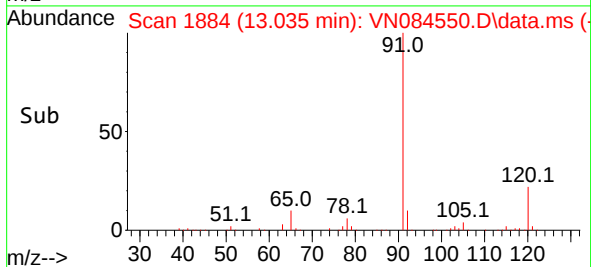
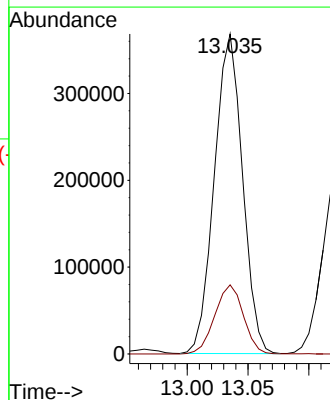
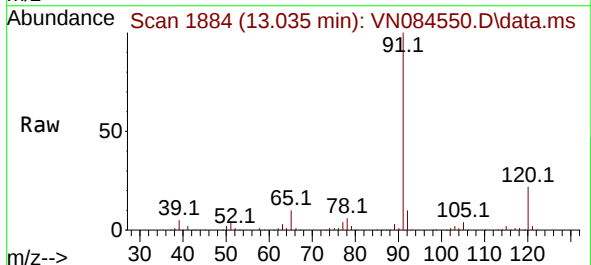
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 119941
Ion Ratio Lower Upper
156 100
77 215.8 115.1 345.3
158 95.9 48.9 146.8



#78
n-propylbenzene
Concen: 48.258 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 91 Resp: 591943
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4

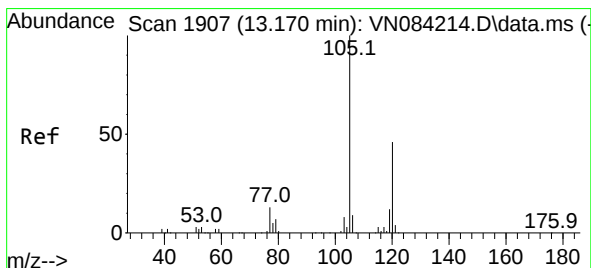
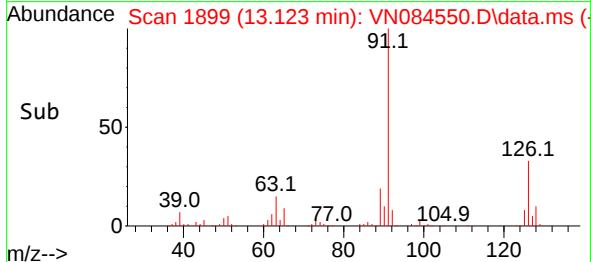
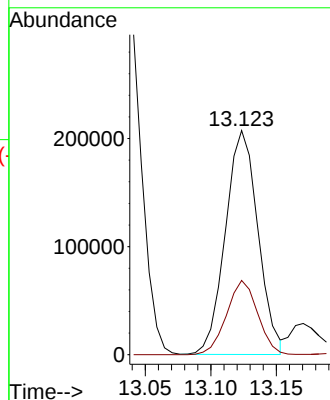
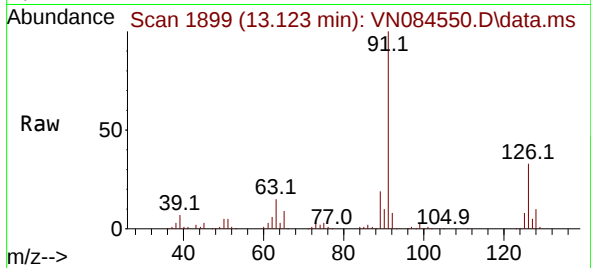




#79
2-Chlorotoluene
Concen: 45.840 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

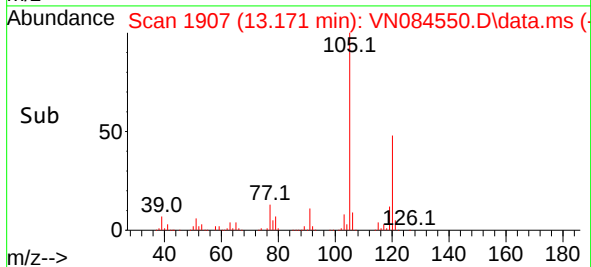
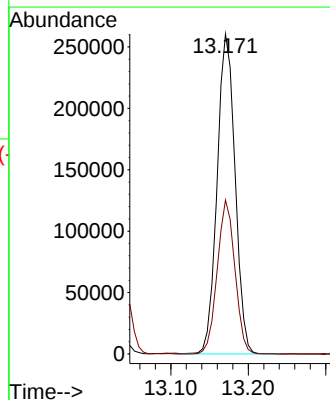
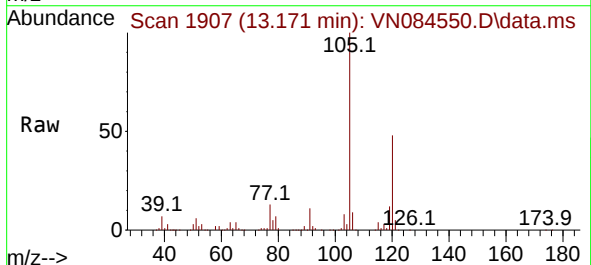
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

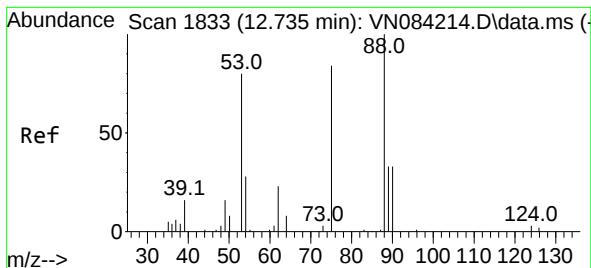
Tgt Ion: 91 Resp: 358796
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 48.634 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 105 Resp: 420006
Ion Ratio Lower Upper
105 100
120 47.2 23.7 71.1

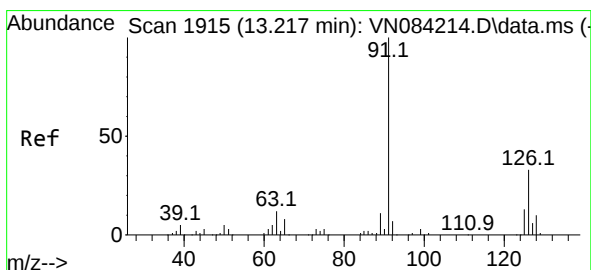
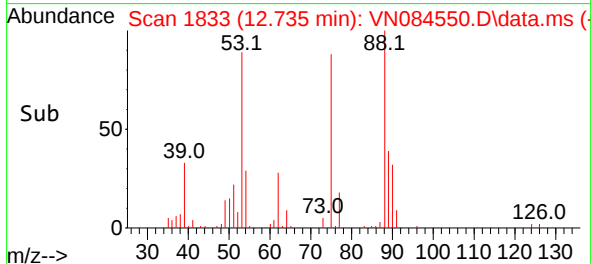
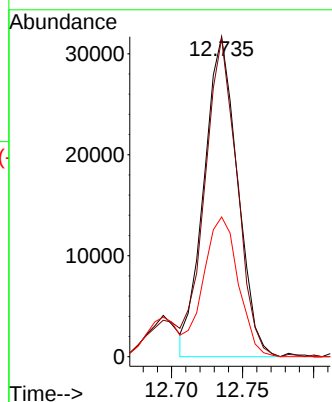
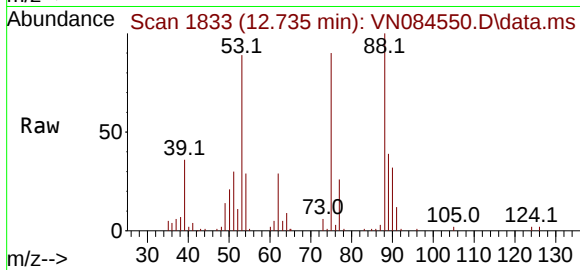




#81
trans-1,4-Dichloro-2-butene
Concen: 43.866 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

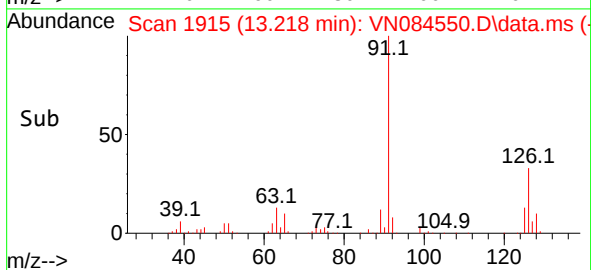
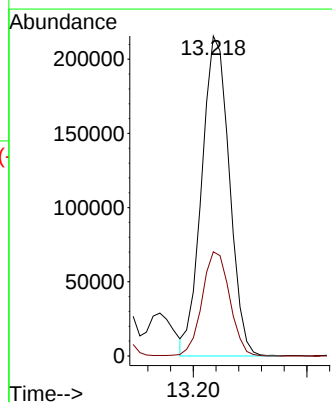
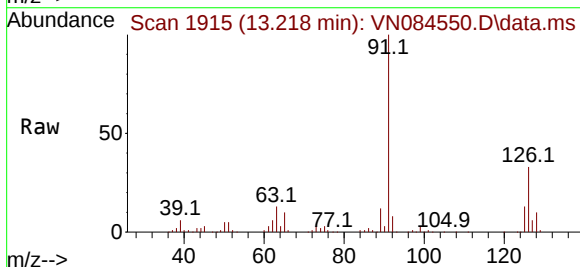
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

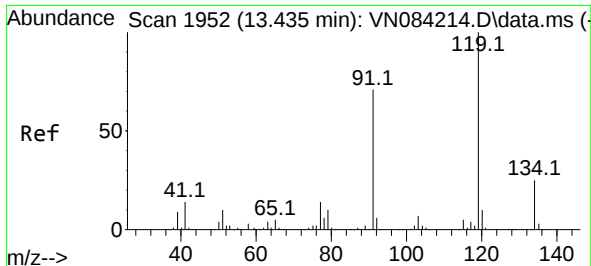
Tgt Ion: 75 Resp: 51825
Ion Ratio Lower Upper
75 100
53 107.1 78.0 117.0
89 45.8 35.5 53.3



#82
4-Chlorotoluene
Concen: 46.224 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084550.D
Acq: 28 Oct 2024 21:02

Tgt Ion: 91 Resp: 364214
Ion Ratio Lower Upper
91 100
126 32.5 15.7 47.1

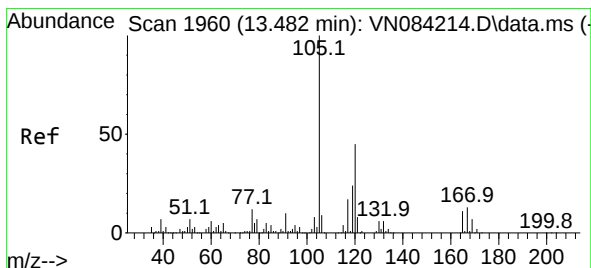
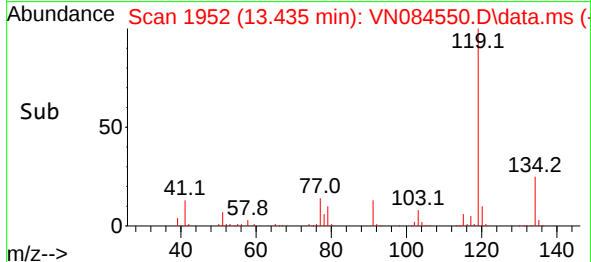
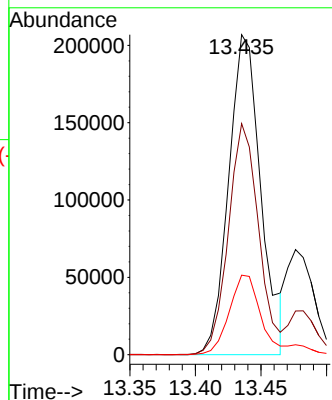
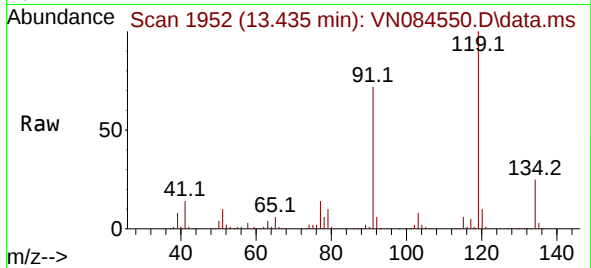




#83
 tert-Butylbenzene
 Concen: 46.015 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

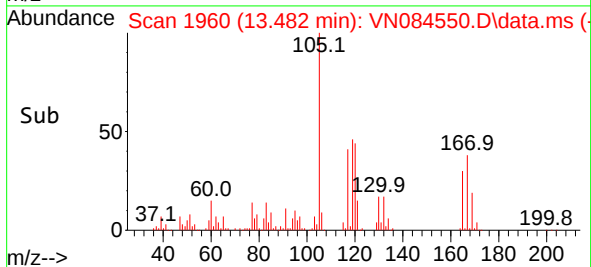
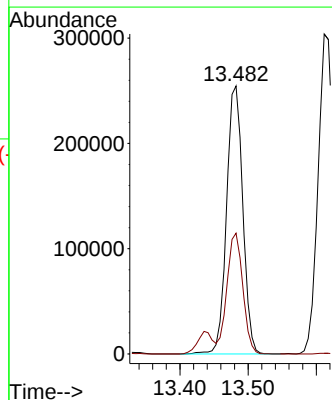
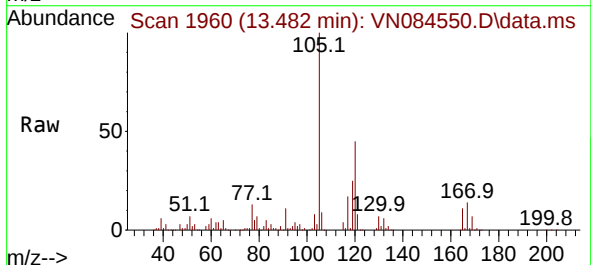
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 353200
 Ion Ratio Lower Upper
 119 100
 91 68.3 34.1 102.3
 134 26.3 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.507 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Tgt Ion:105 Resp: 422000
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.3 66.8

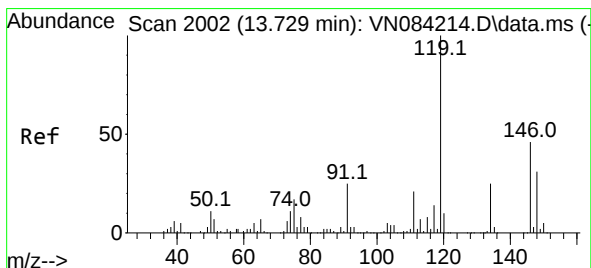
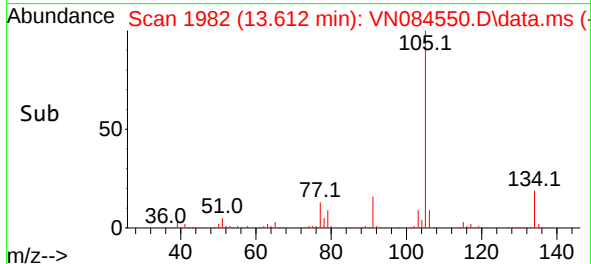
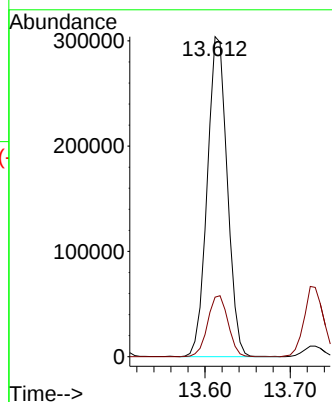
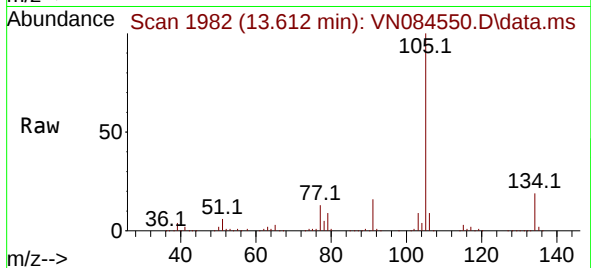




#85
 sec-Butylbenzene
 Concen: 48.392 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

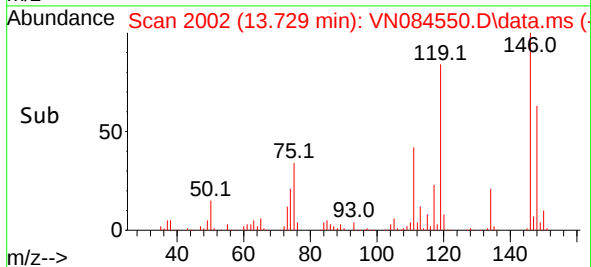
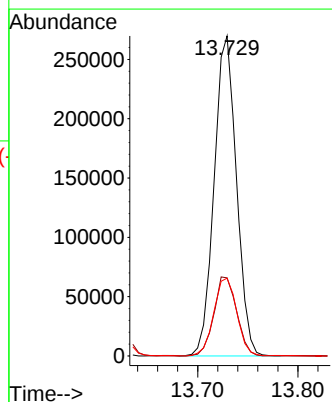
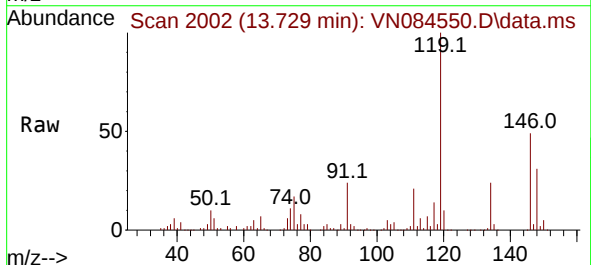
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

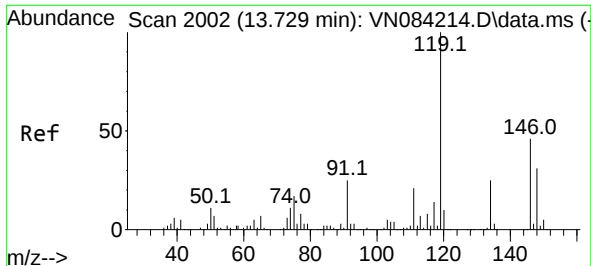
Tgt Ion:105 Resp: 495670
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.188 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Tgt Ion:119 Resp: 416611
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.1 12.4 37.2

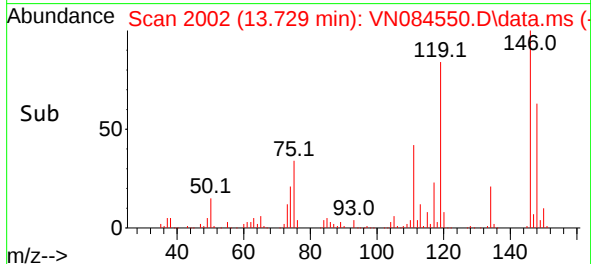
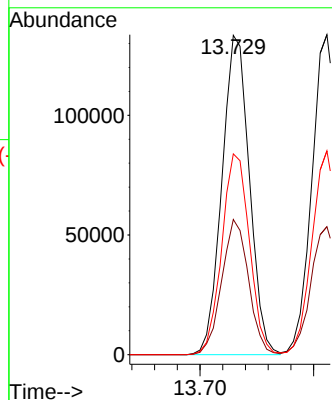
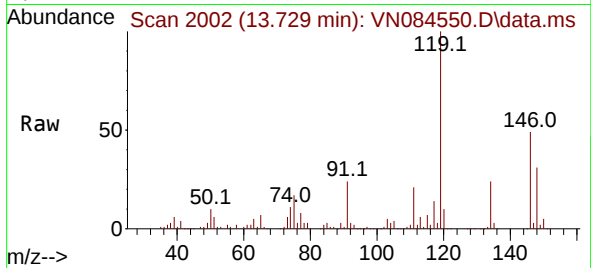




#87
 1,3-Dichlorobenzene
 Concen: 46.781 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

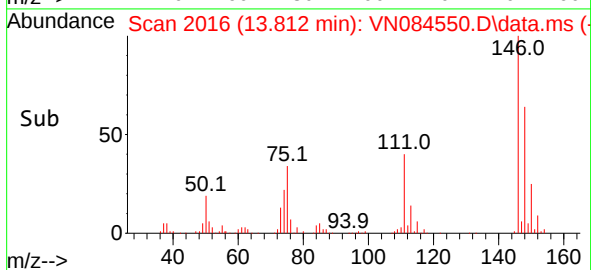
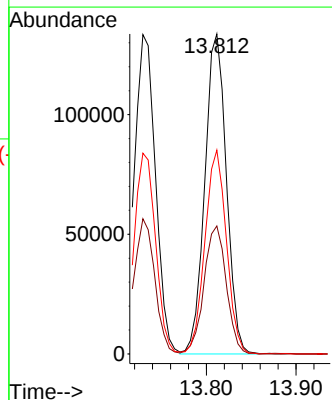
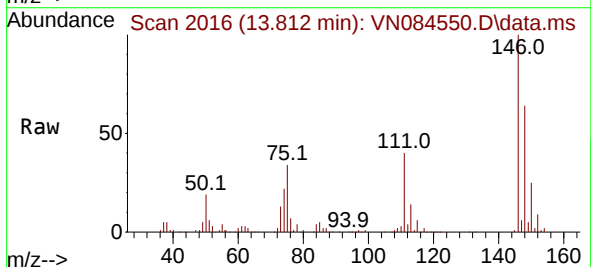
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

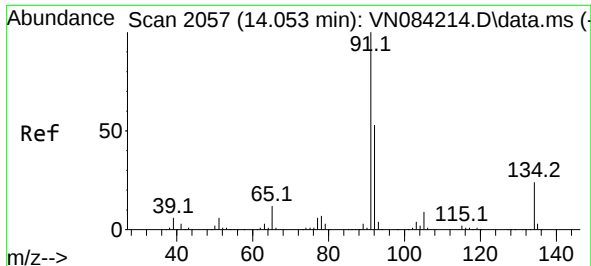
Tgt Ion:146 Resp: 224117
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.8 65.3
 148 63.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.106 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Tgt Ion:146 Resp: 223063
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.2 63.6
 148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 48.044 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

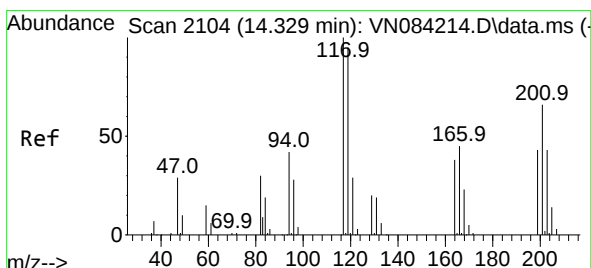
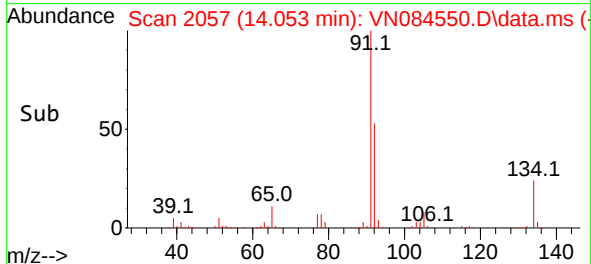
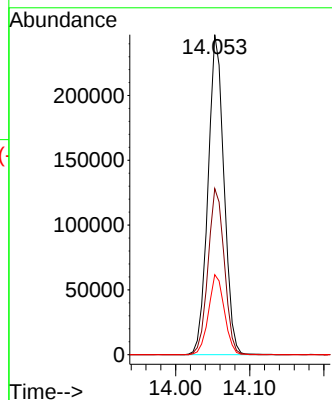
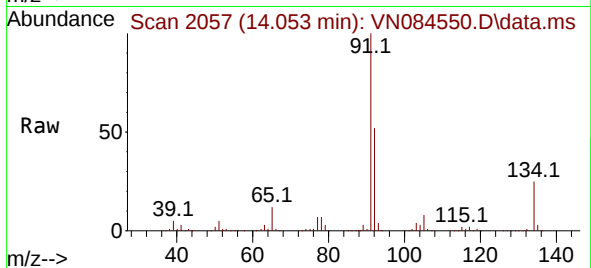
Tgt Ion: 91 Resp: 368986

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 24.9 12.3 36.9



#90

Hexachloroethane

Concen: 44.795 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084550.D

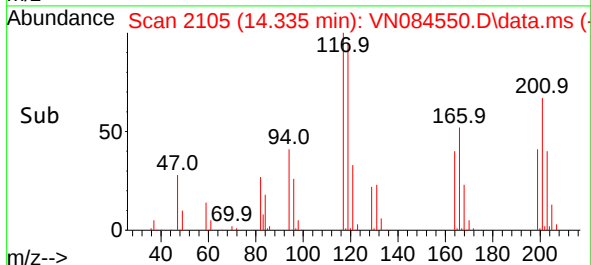
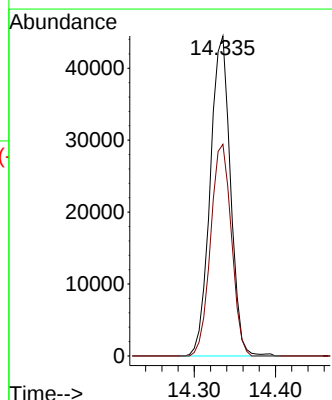
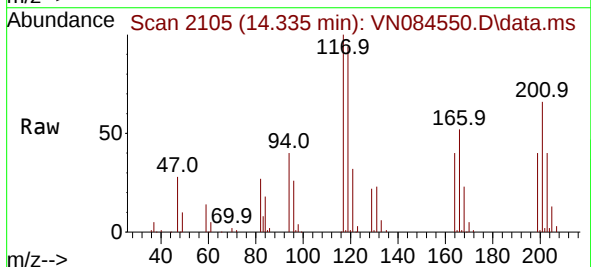
Acq: 28 Oct 2024 21:02

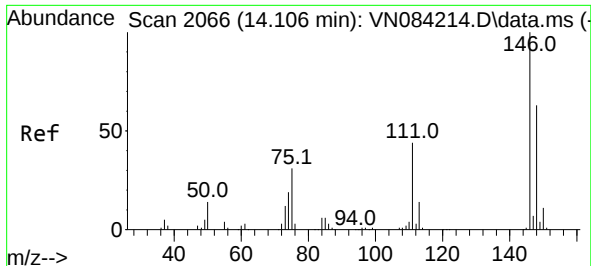
Tgt Ion: 117 Resp: 77012

Ion Ratio Lower Upper

117 100

201 67.8 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 45.515 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

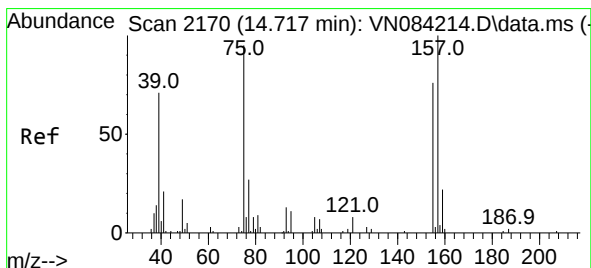
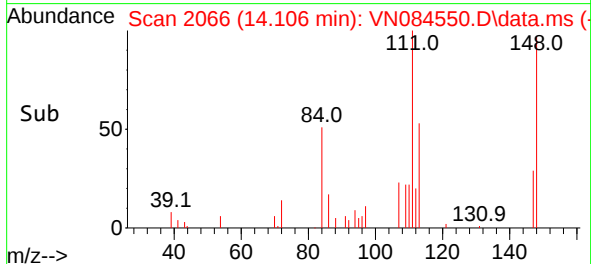
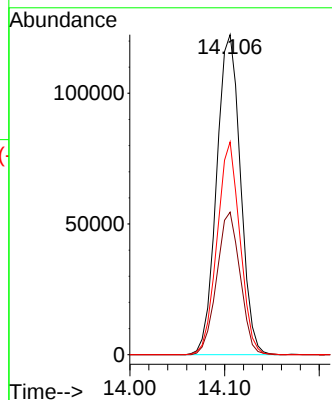
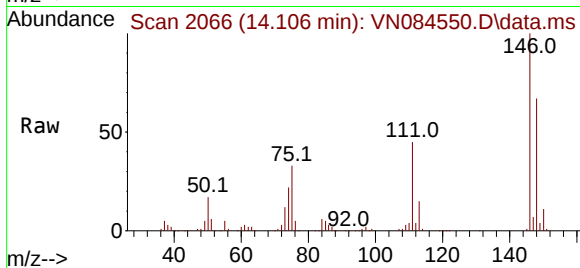
Tgt Ion:146 Resp: 213812

Ion Ratio Lower Upper

146 100

111 43.7 22.0 66.0

148 63.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.126 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

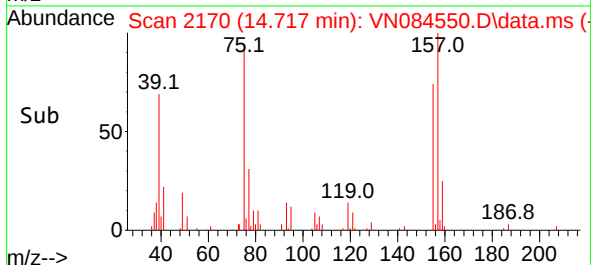
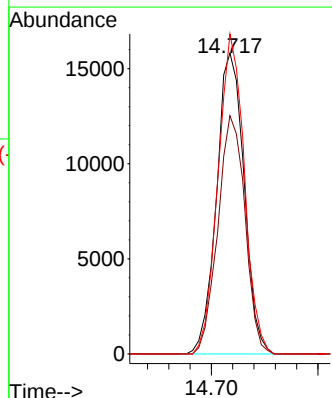
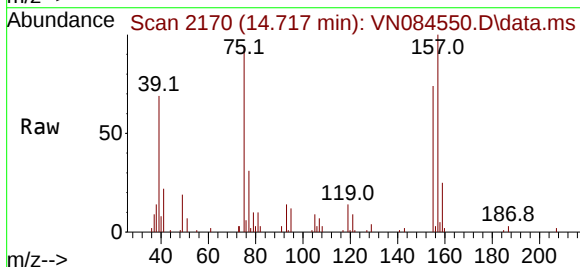
Tgt Ion: 75 Resp: 28331

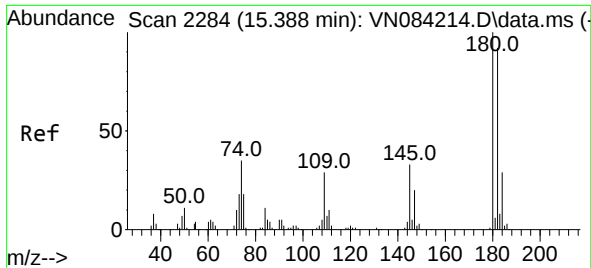
Ion Ratio Lower Upper

75 100

155 77.9 38.1 114.5

157 101.6 49.6 149.0

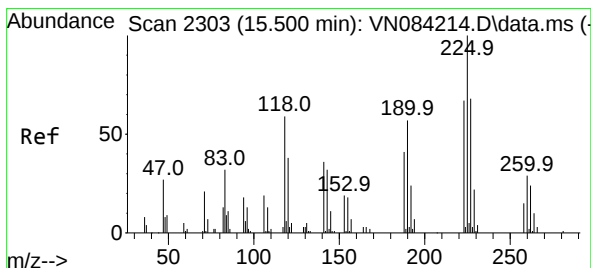
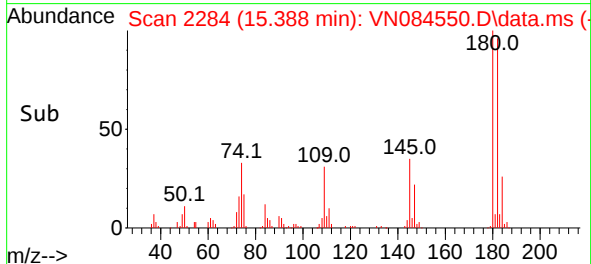
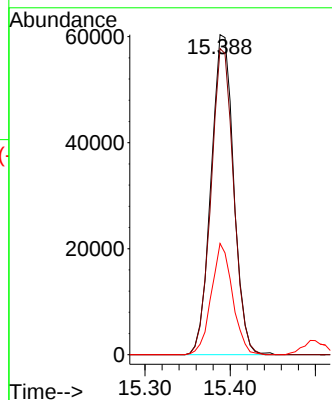
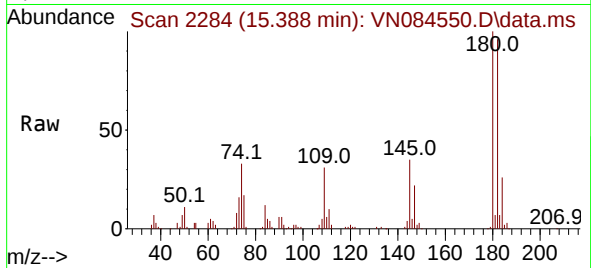




#93
 1,2,4-Trichlorobenzene
 Concen: 48.069 ug/l
 RT: 15.388 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

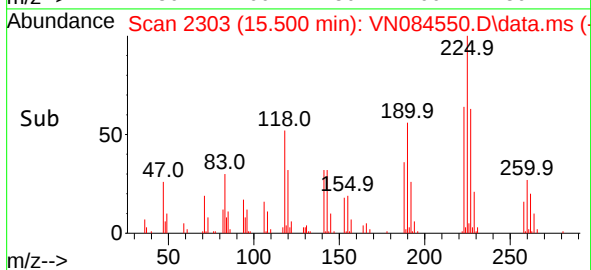
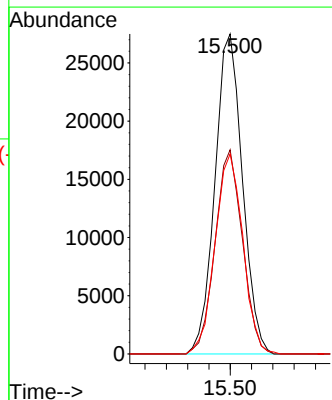
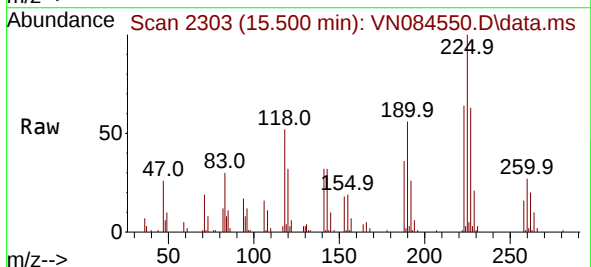
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 ClientSampleId :
 VSTDCCC050EC

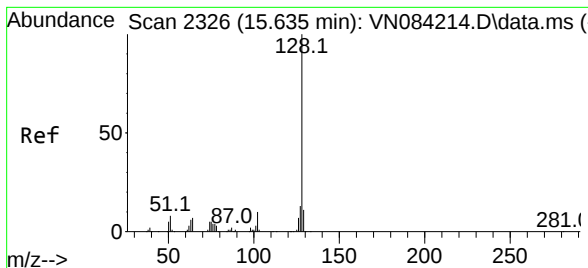
Tgt Ion:180 Resp: 111223
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.0 141.0
 145 32.7 16.4 49.4



#94
 Hexachlorobutadiene
 Concen: 42.717 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN084550.D
 Acq: 28 Oct 2024 21:02

Tgt Ion:225 Resp: 49291
 Ion Ratio Lower Upper
 225 100
 223 63.2 32.4 97.2
 227 63.1 32.4 97.0





#95

Naphthalene

Concen: 45.730 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

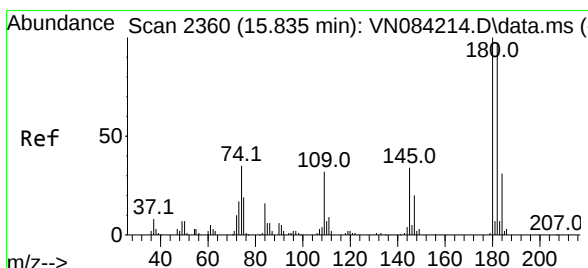
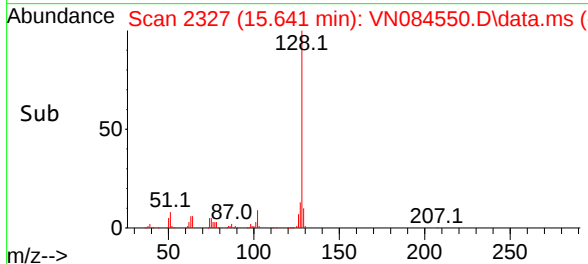
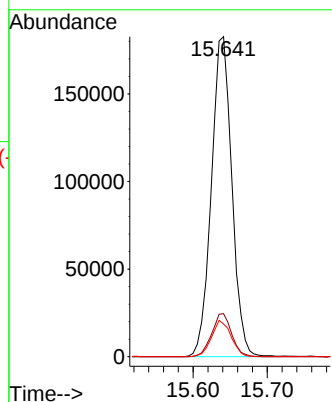
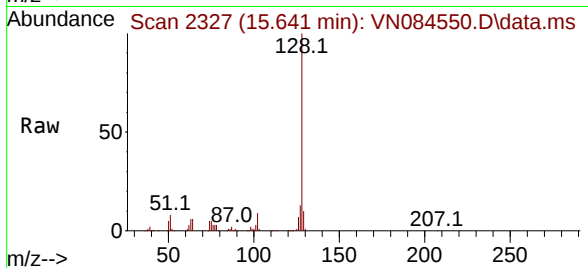
Tgt Ion:128 Resp: 350781

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.905 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084550.D

Acq: 28 Oct 2024 21:02

Tgt Ion:180 Resp: 110954

Ion Ratio Lower Upper

180 100

182 93.1 48.2 144.6

145 34.2 17.3 51.9

