

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084626.D
 Acq On : 31 Oct 2024 18:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 01 02:50:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	33386	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	180797	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	167444	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	79796	29.730	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.100%
60) 4-Bromofluorobenzene	12.847	95	85904	29.796	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.333%
63) Toluene-d8	10.565	98	234860	29.628	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.767%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34091	17.556	ug/l	91
3) Chloromethane	2.365	50	41711	17.841	ug/l	96
4) Vinyl Chloride	2.512	62	38348	17.664	ug/l	95
5) Bromomethane	2.901	94	18962	17.209	ug/l	98
6) Chloroethane	3.077	64	24702	17.330	ug/l	97
7) Trichlorofluoromethane	3.465	101	62898	17.840	ug/l	98
8) Diethyl Ether	3.948	74	11361	9.034	ug/l #	10
9) 1,1,2-Trichlorotrifluo...	4.353	101	35326	17.730	ug/l	96
10) 1,1-Dichloroethene	4.324	96	34441	17.701	ug/l	95
11) Methyl Iodide	4.577	142	48550	18.155	ug/l	97
12) Methyl Acetate	5.024	43	52855	17.428	ug/l	99
13) Acrolein	4.171	56	36002	96.263	ug/l	99
14) Acrylonitrile	5.724	53	91984	92.711	ug/l	97
15) Acetone	4.430	58	22216	87.145	ug/l	91
16) Carbon Disulfide	4.700	76	100139	17.491	ug/l	98
17) Allyl chloride	5.012	41	52260	15.763	ug/l	99
18) Methylene Chloride	5.271	84	40869	17.925	ug/l	94
19) trans-1,2-Dichloroethene	5.777	96	21901	10.739	ug/l	88
20) Diisopropyl ether	6.665	45	119593	18.019	ug/l	97
21) 1,1-Dichloroethane	6.559	63	70526	17.670	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	43468	17.853	ug/l	94
23) tert-Butyl Alcohol	5.542	59	18020	52.024	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	113042	17.966	ug/l	98
25) Chloroform	7.965	83	73933	18.080	ug/l	95
26) Cyclohexane	8.253	56	52368	17.177	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	47427	17.416	ug/l	98
30) 2-Butanone	7.483	43	114532	91.177	ug/l	99
31) 2,2-Dichloropropane	7.483	77	56622	17.033	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	65592	17.729	ug/l	100
33) Carbon Tetrachloride	8.359	117	54736	17.338	ug/l	98
34) Benzene	8.606	78	160072	17.784	ug/l	98
35) Methacrylonitrile	7.777	41	26874	18.051	ug/l	97
36) 1,2-Dichloroethane	8.671	62	55454	18.526	ug/l	98
37) Trichloroethene	9.347	130	35392	17.430	ug/l	94
38) Methylcyclohexane	9.600	83	46659	15.916	ug/l	97
39) 1,2-Dichloropropane	9.618	63	38509	17.773	ug/l	94
40) Dibromomethane	9.712	93	27388	18.068	ug/l	98
41) Bromodichloromethane	9.888	83	57540	17.707	ug/l	97
42) Vinyl Acetate	6.600	43	415167	88.421	ug/l	100

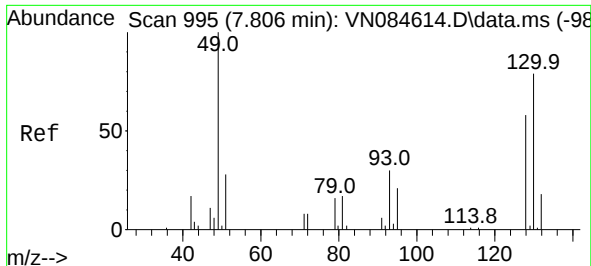
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	49573	18.781	ug/l	100
44) Isopropyl Acetate	8.688	43	83008	15.531	ug/l	95
45) 1,4-Dioxane	9.700	88	12745	357.179	ug/l	94
46) Methyl methacrylate	9.683	41	39256	18.277	ug/l	93
47) n-amyl Acetate	12.494	43	75378	18.884	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	54831	17.088	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	60066	17.467	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	36926	18.161	ug/l	93
51) Ethyl methacrylate	10.877	69	57674	18.402	ug/l	94
52) 1,3-Dichloropropane	11.159	76	63826	18.085	ug/l	98
53) Dibromochloromethane	11.359	129	43186	18.150	ug/l	98
54) 1,2-Dibromoethane	11.471	107	37194	18.087	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	158226	102.975	ug/l	99
56) Bromoform	12.576	173	27660	17.343	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	251373	95.159	ug/l	99
59) 2-Hexanone	11.194	43	179869	92.986	ug/l	100
61) Tetrachloroethene	11.100	164	32816	18.726	ug/l	98
62) Toluene	10.630	91	168896	17.710	ug/l	98
64) Chlorobenzene	11.888	112	104879	18.217	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	38129	18.020	ug/l	99
66) Ethyl Benzene	11.965	91	172300	17.191	ug/l	95
67) m/p-Xylenes	12.071	106	134720	35.109	ug/l	99
68) o-Xylene	12.394	106	66220	17.890	ug/l	98
69) Styrene	12.412	104	109955	17.717	ug/l	99
70) Isopropylbenzene	12.694	105	160490	17.454	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	55603	18.656	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	70259	27.608	ug/l	65
73) Bromobenzene	12.982	156	41658	17.566	ug/l	98
74) n-propylbenzene	13.035	91	185339	17.237	ug/l	100
75) 2-Chlorotoluene	13.123	91	123232	17.599	ug/l	96
76) 1,3,5-Trimethylbenzene	13.171	105	138042	17.571	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	18371	17.601	ug/l	99
78) 4-Chlorotoluene	13.218	91	123365	17.438	ug/l	100
79) tert-butylbenzene	13.435	119	116449	17.923	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	142028	17.920	ug/l	98
81) sec-Butylbenzene	13.618	105	154082	17.211	ug/l	99
82) p-Isopropyltoluene	13.729	119	128271	17.052	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	76754	17.500	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	75499	17.420	ug/l	99
85) n-Butylbenzene	14.053	91	102140	16.167	ug/l	97
86) Hexachloroethane	14.335	117	26584	17.280	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	77338	17.894	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11153	19.394	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	34231	16.266	ug/l	93
90) Hexachlorobutadiene	15.500	225	15440	16.796	ug/l	96
91) Naphthalene	15.641	128	113480	16.885	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	34231	16.266	ug/l	93

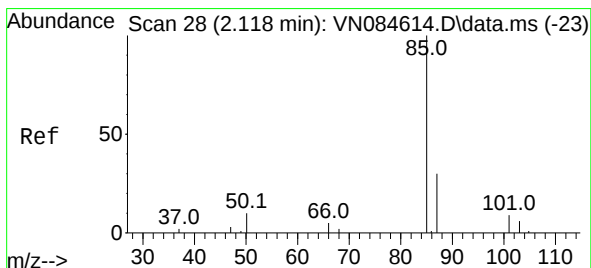
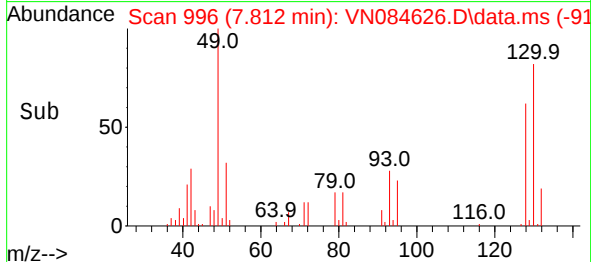
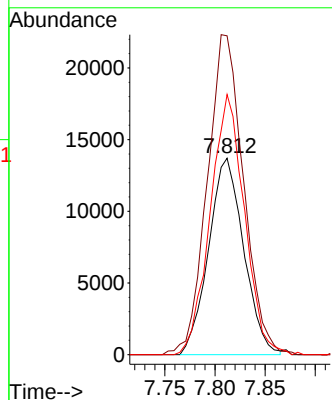
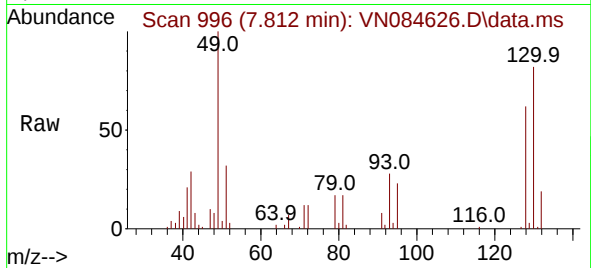
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084626.D
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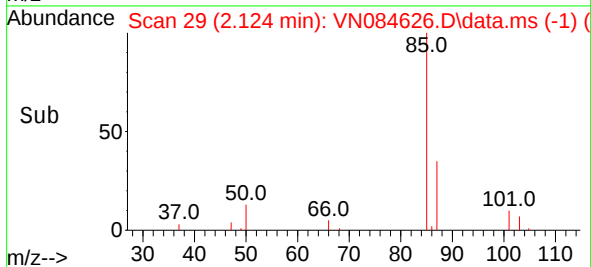
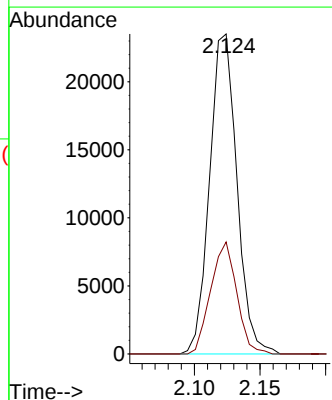
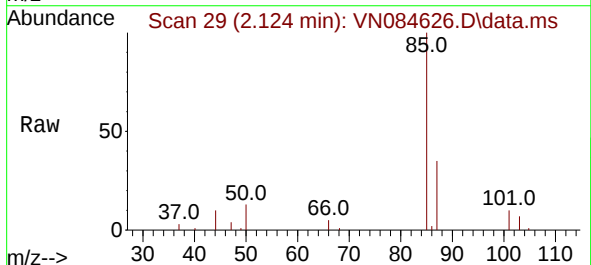
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ClientSampleId :
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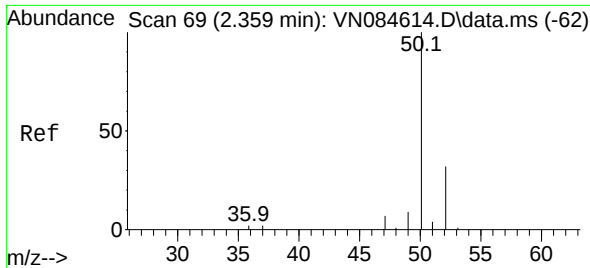
Tgt Ion:128 Resp: 33386
Ion Ratio Lower Upper
128 100
49 167.8 0.0 427.0
130 129.1 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 17.556 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 85 Resp: 34091
Ion Ratio Lower Upper
85 100
87 35.0 14.9 44.9

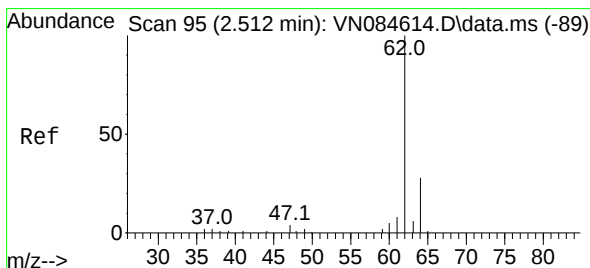
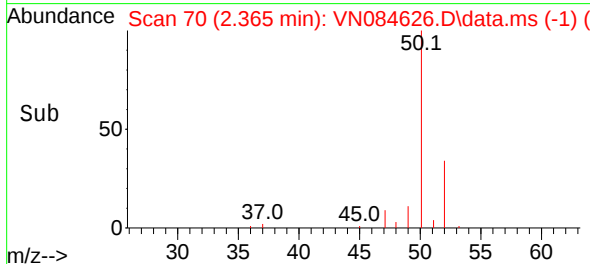
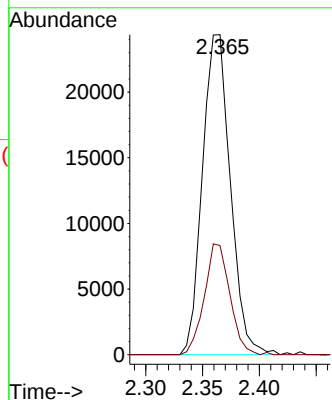
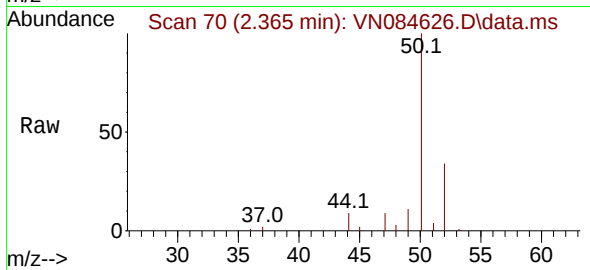




#3
Chloromethane
Concen: 17.841 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

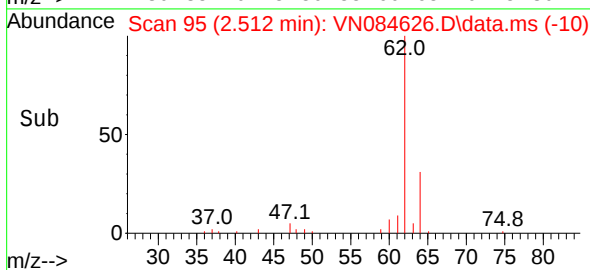
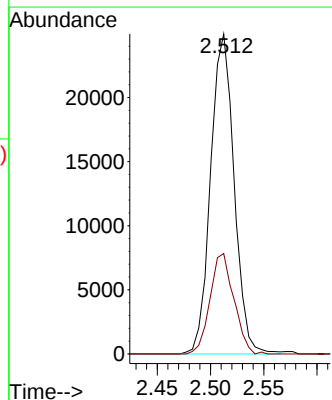
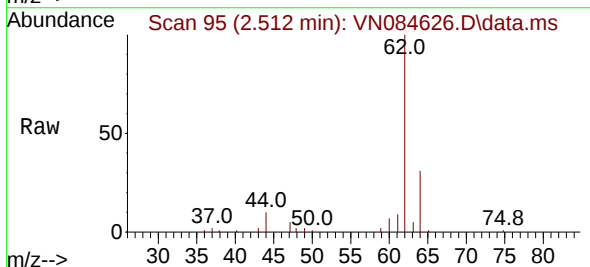
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ClientSampleId :
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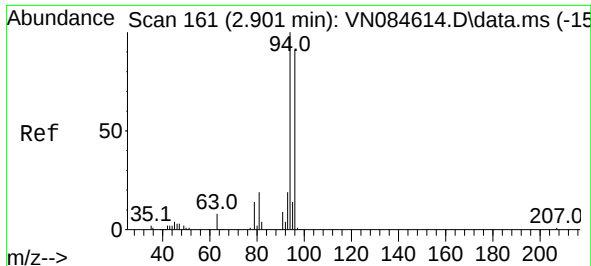
Tgt Ion: 50 Resp: 41711
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3



#4
Vinyl Chloride
Concen: 17.664 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 62 Resp: 38348
Ion Ratio Lower Upper
62 100
64 31.4 23.1 34.7

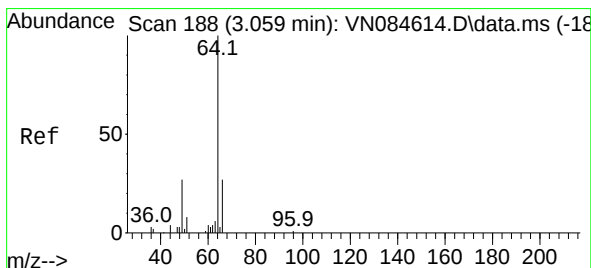
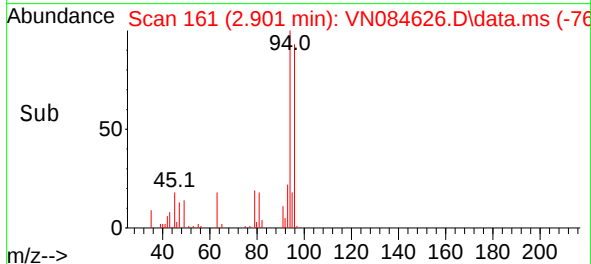
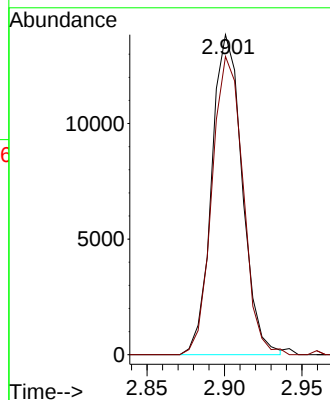
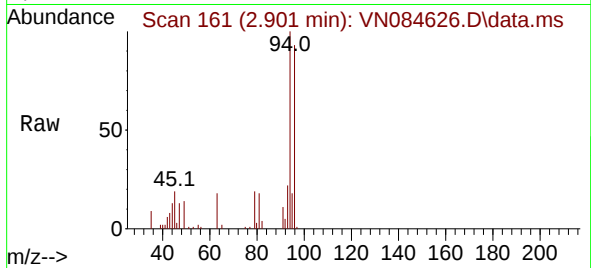




#5
Bromomethane
Concen: 17.209 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

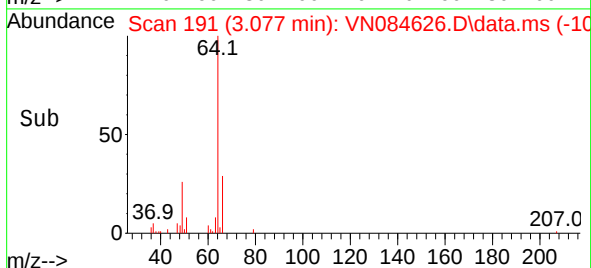
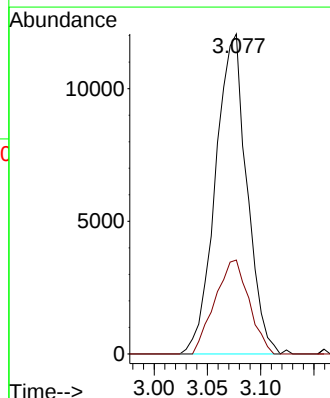
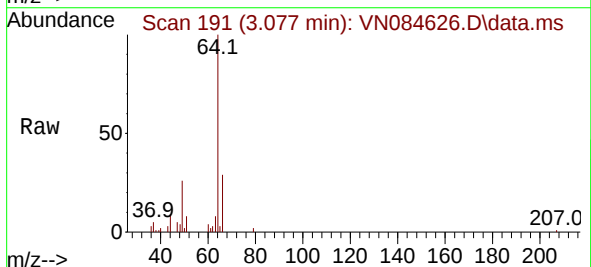
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ClientSampleId :
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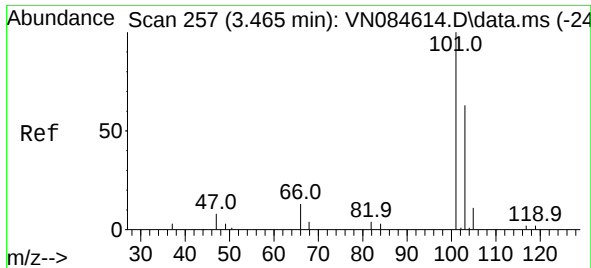
Tgt Ion: 94 Resp: 18962
Ion Ratio Lower Upper
94 100
96 93.2 72.7 109.1



#6
Chloroethane
Concen: 17.330 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.018 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 64 Resp: 24702
Ion Ratio Lower Upper
64 100
66 29.4 22.1 33.1

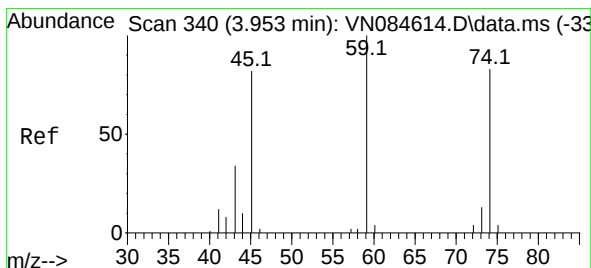
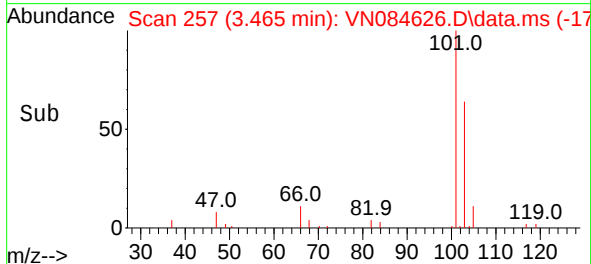
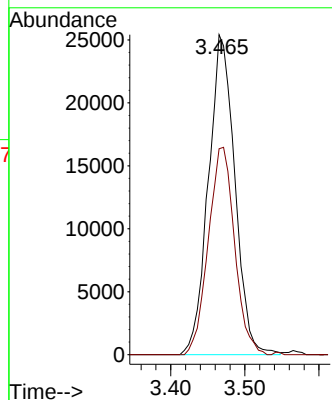
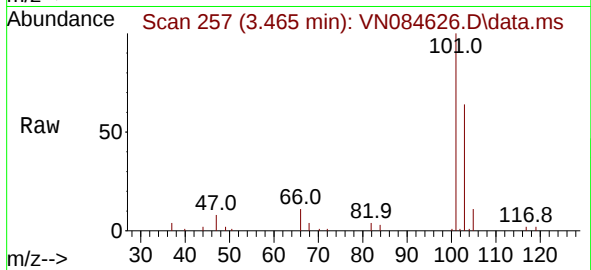




#7
 Trichlorofluoromethane
 Concen: 17.840 ug/l
 RT: 3.465 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VN084626.D
 Acq: 31 Oct 2024 18:13

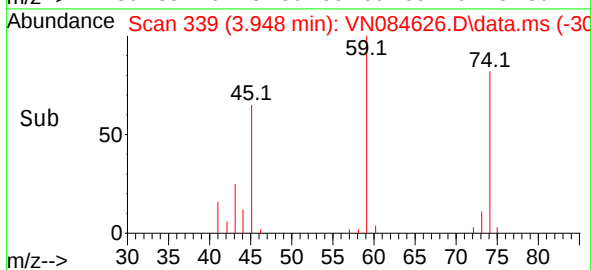
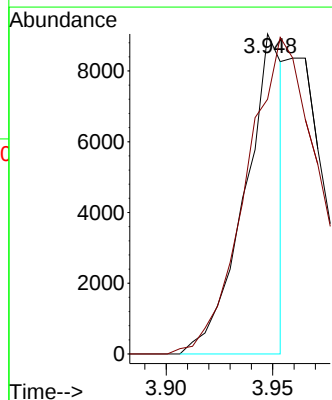
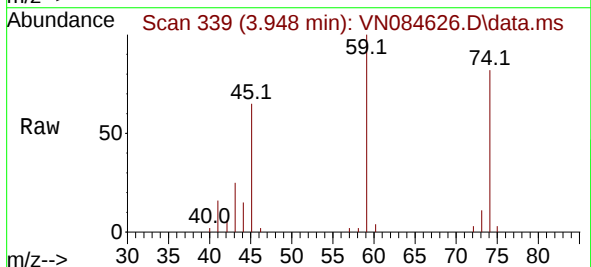
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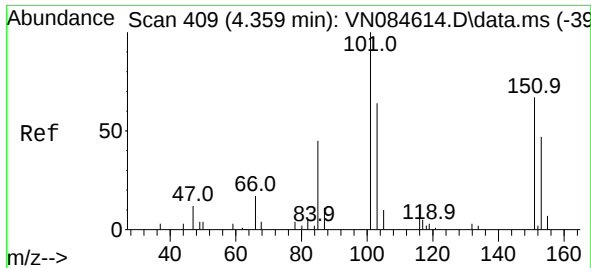
Tgt Ion:101 Resp: 62898
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 9.034 ug/l
 RT: 3.948 min Scan# 339
 Delta R.T. -0.006 min
 Lab File: VN084626.D
 Acq: 31 Oct 2024 18:13

Tgt Ion: 74 Resp: 11361
 Ion Ratio Lower Upper
 74 100
 45 188.9 19.8 178.4#

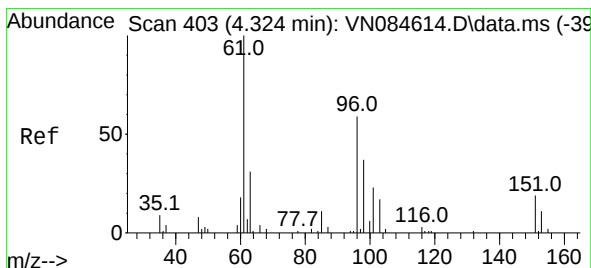
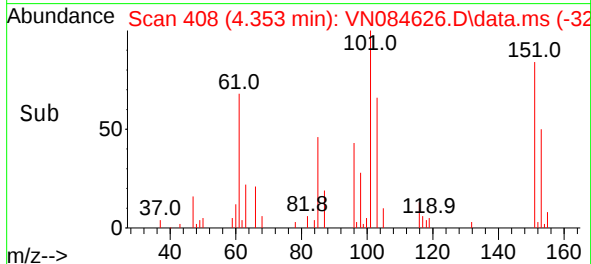
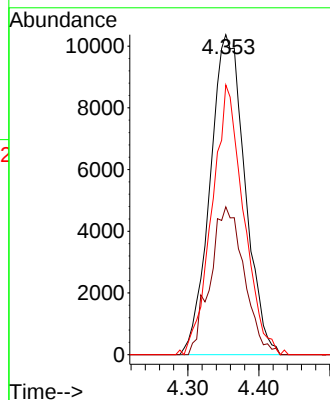
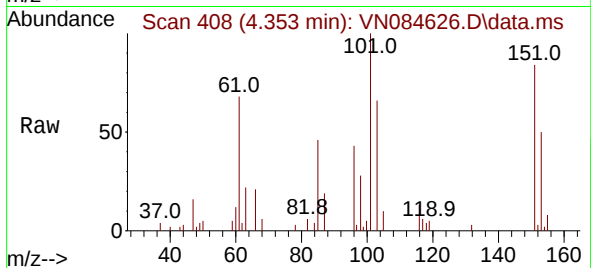




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.730 ug/l
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

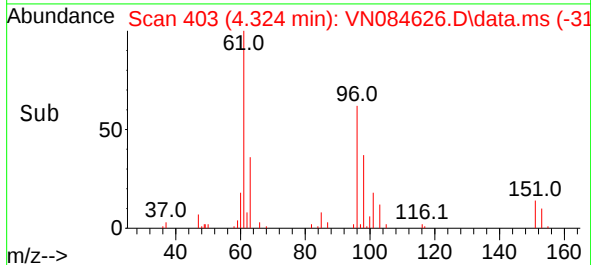
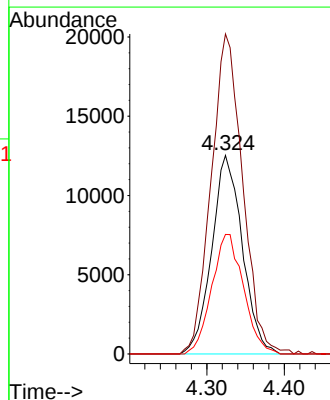
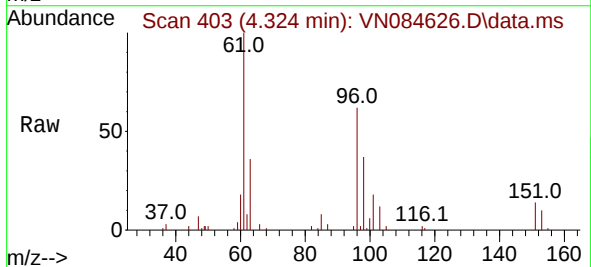
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

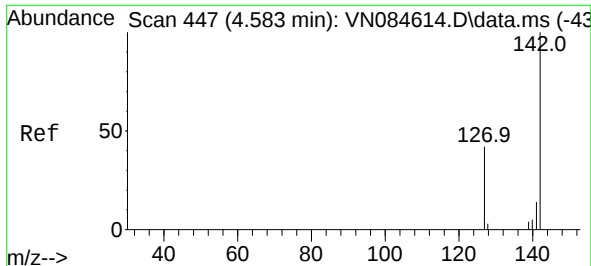
Tgt Ion:101 Resp: 35326
Ion Ratio Lower Upper
101 100
85 40.3 0.0 89.6
151 76.5 0.0 149.4



#10
1,1-Dichloroethene
Concen: 17.701 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 96 Resp: 34441
Ion Ratio Lower Upper
96 100
61 161.1 135.1 202.7
98 60.2 50.4 75.6

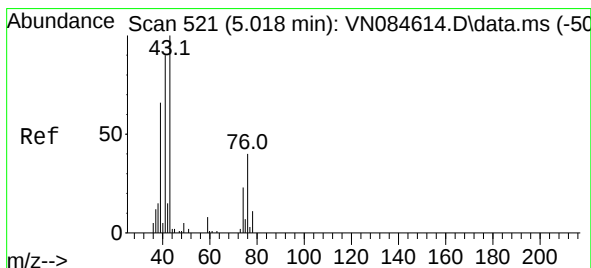
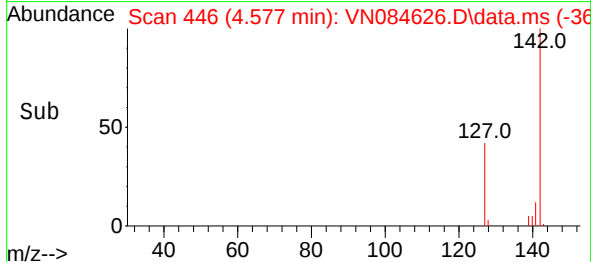
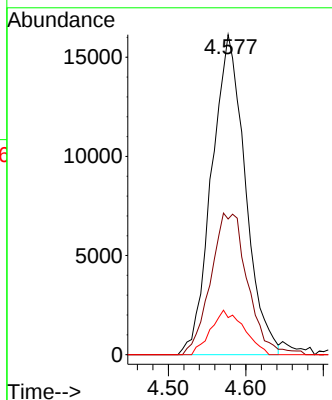
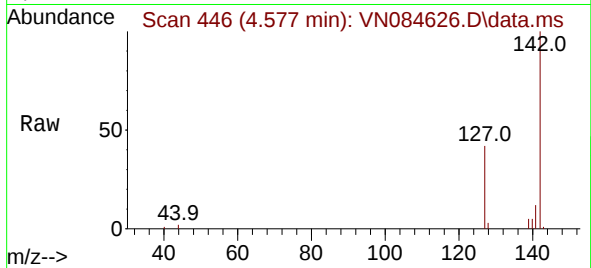




#11
Methyl Iodide
Concen: 18.155 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

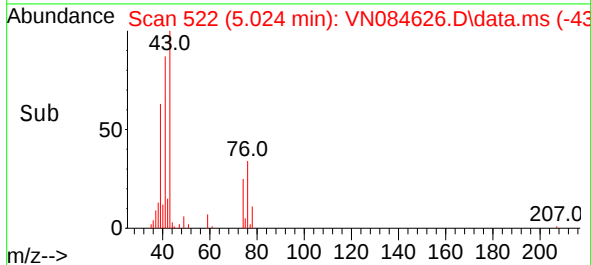
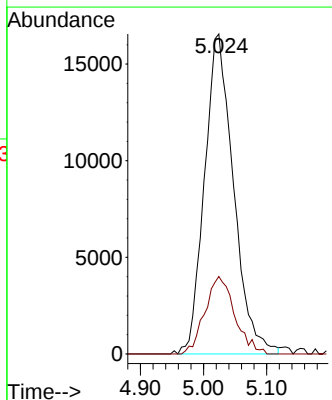
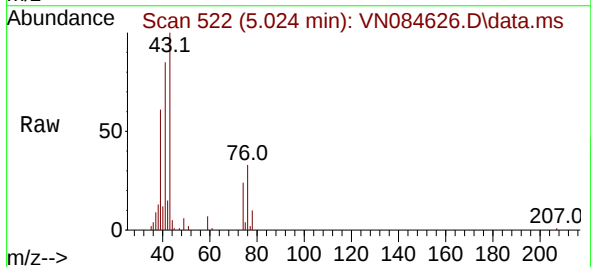
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

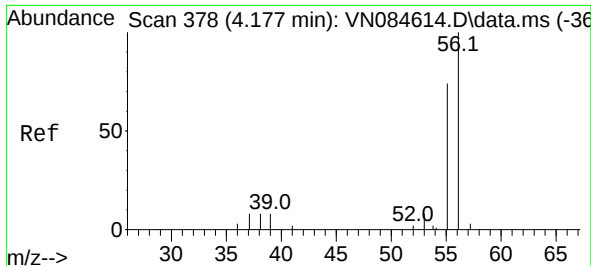
Tgt Ion:142 Resp: 48550
Ion Ratio Lower Upper
142 100
127 42.2 20.3 60.9
141 11.8 6.9 20.7



#12
Methyl Acetate
Concen: 17.428 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 43 Resp: 52855
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.4





#13

Acrolein

Concen: 96.263 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

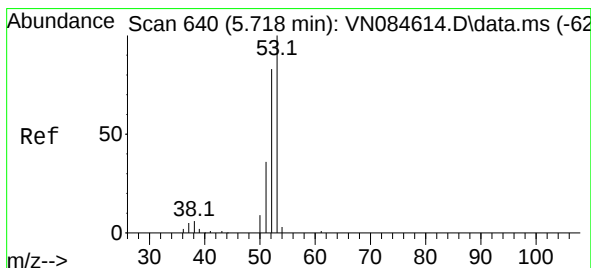
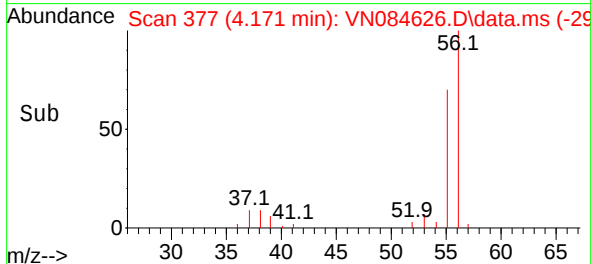
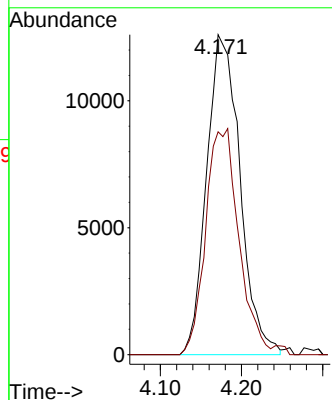
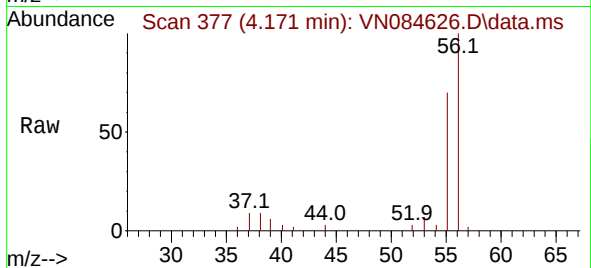
VSTDCCC020EC

Tgt Ion: 56 Resp: 36002

Ion Ratio Lower Upper

56 100

55 70.0 56.7 85.1



#14

Acrylonitrile

Concen: 92.711 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

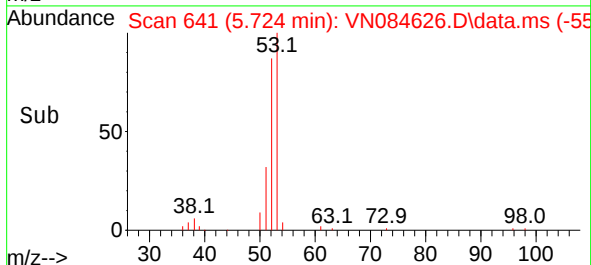
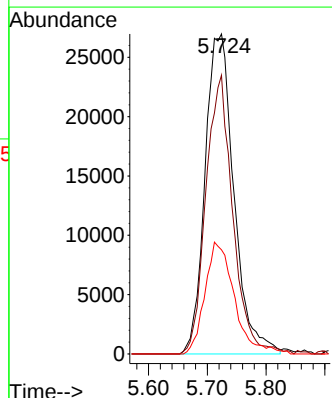
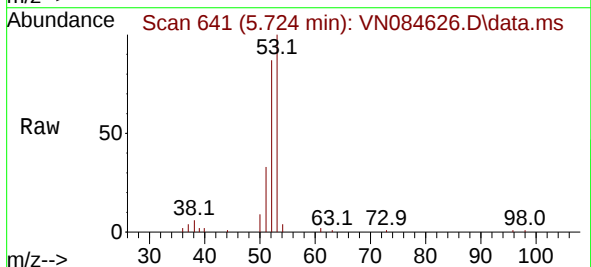
Tgt Ion: 53 Resp: 91984

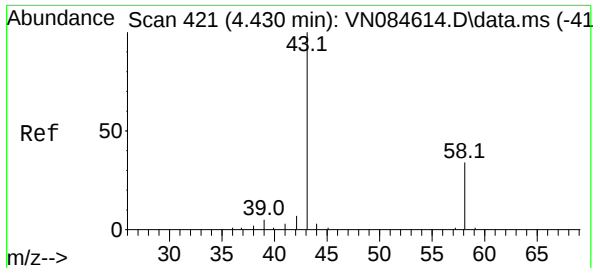
Ion Ratio Lower Upper

53 100

52 81.0 41.6 124.9

51 34.8 18.2 54.6





#15

Acetone

Concen: 87.145 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

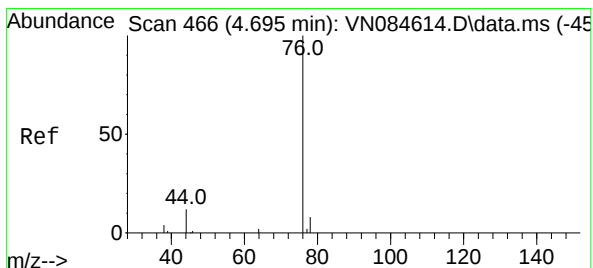
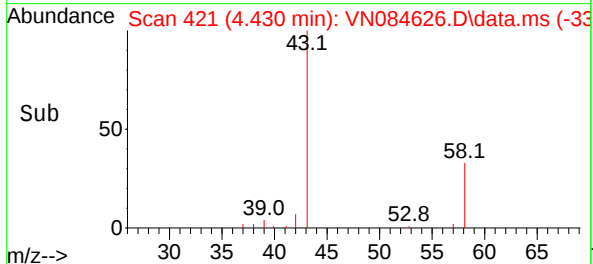
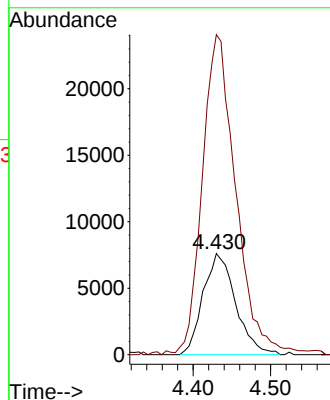
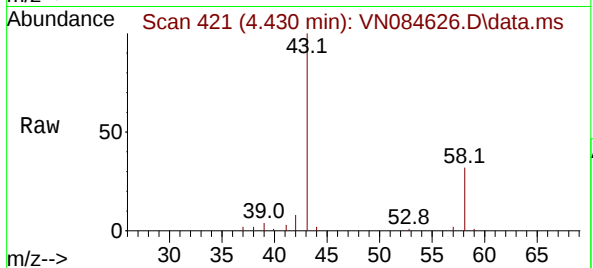
VSTDCCC020EC

Tgt Ion: 58 Resp: 22216

Ion Ratio Lower Upper

58 100

43 309.0 233.0 349.6



#16

Carbon Disulfide

Concen: 17.491 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN084626.D

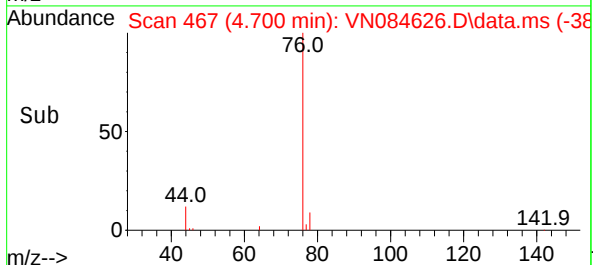
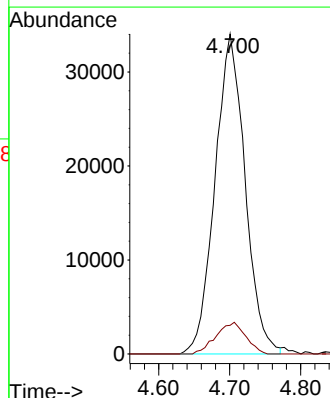
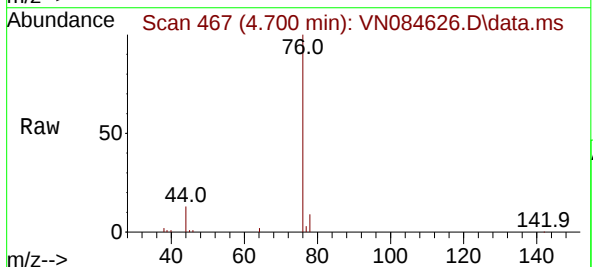
Acq: 31 Oct 2024 18:13

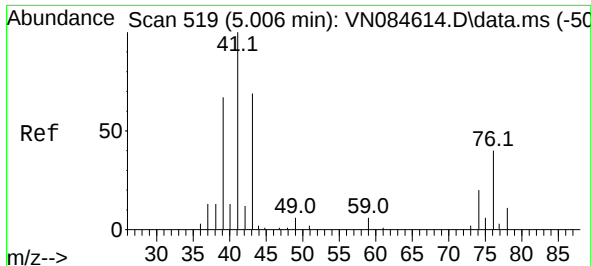
Tgt Ion: 76 Resp: 100139

Ion Ratio Lower Upper

76 100

78 9.0 6.6 9.8





#17

Allyl chloride

Concen: 15.763 ug/l

RT: 5.012 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

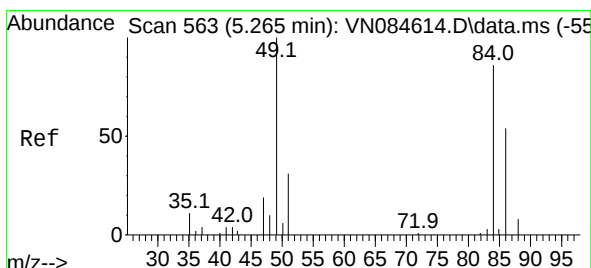
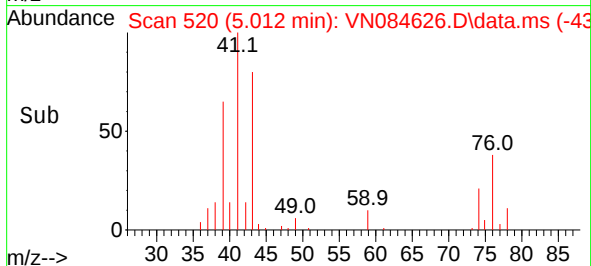
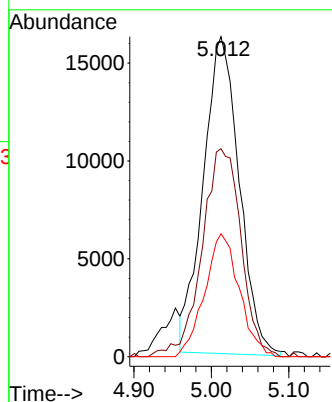
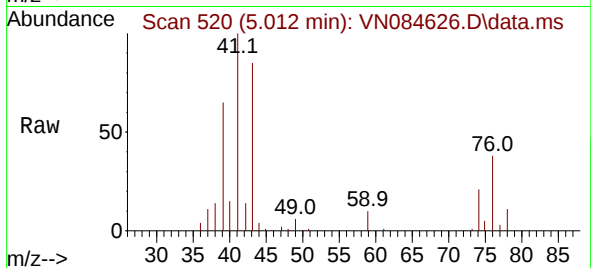
Tgt Ion: 41 Resp: 52260

Ion Ratio Lower Upper

41 100

39 66.1 33.4 100.2

76 39.0 20.2 60.6



#18

Methylene Chloride

Concen: 17.925 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Tgt Ion: 84 Resp: 40869

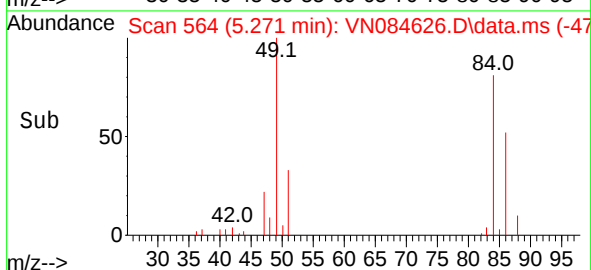
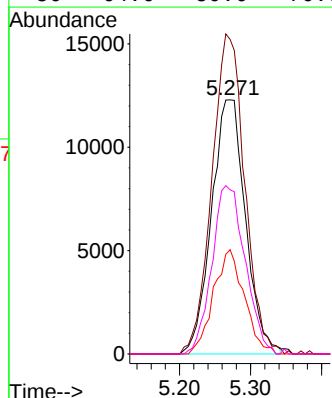
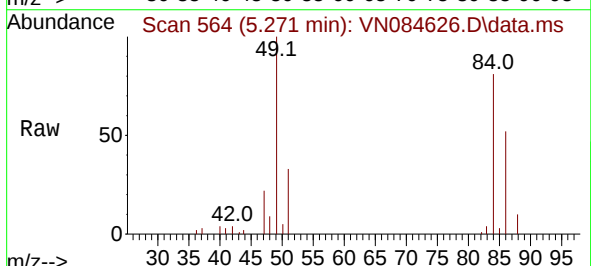
Ion Ratio Lower Upper

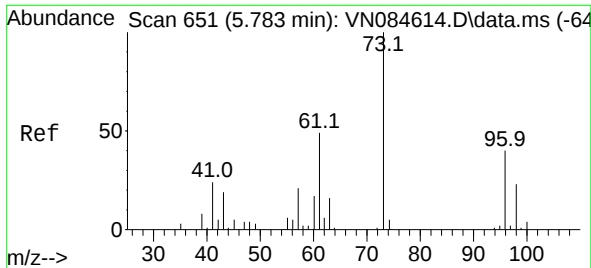
84 100

49 123.8 93.0 139.6

51 41.0 28.9 43.3

86 64.6 50.6 76.0

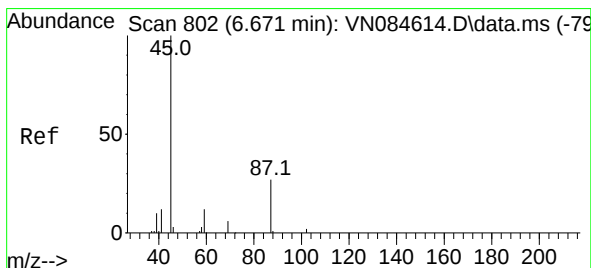
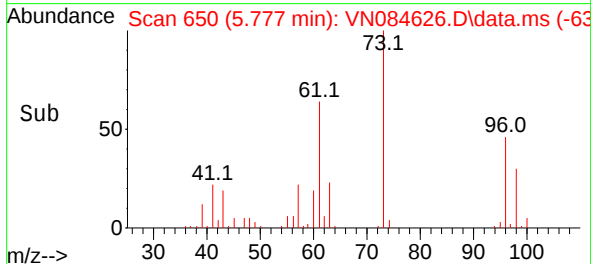
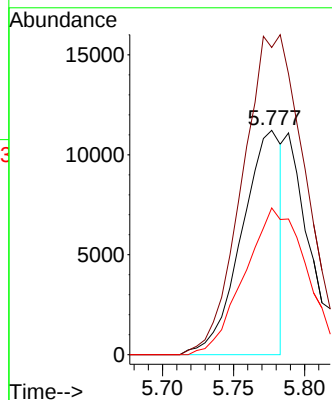
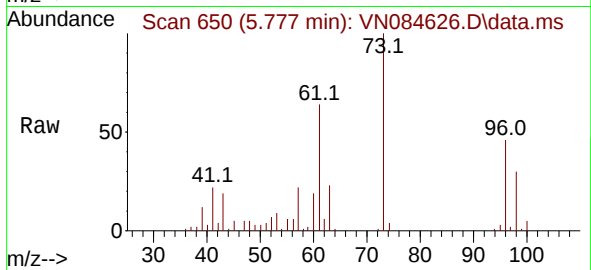




#19
trans-1,2-Dichloroethene
Concen: 10.739 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

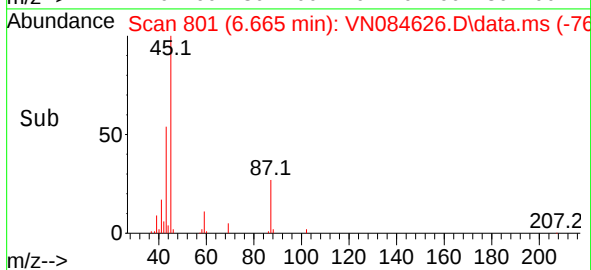
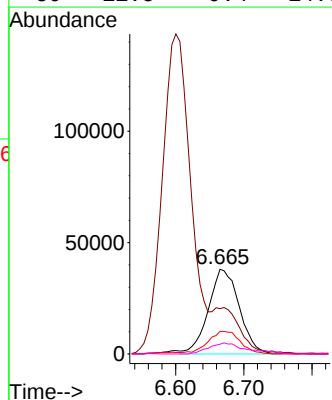
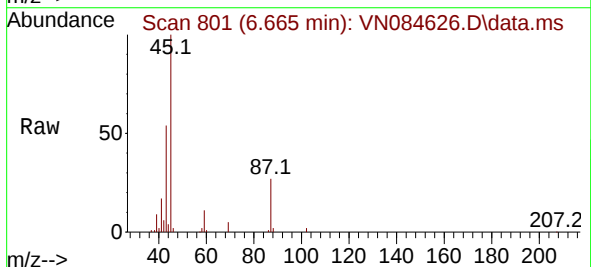
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

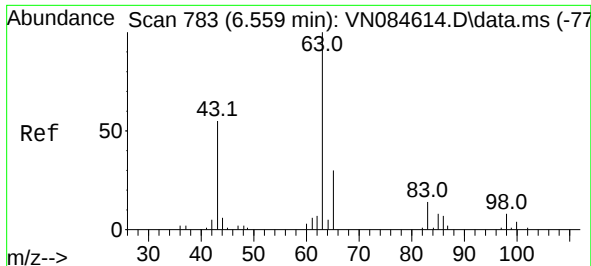
Tgt Ion: 96 Resp: 21901
Ion Ratio Lower Upper
96 100
61 136.9 98.1 147.1
98 65.4 46.6 69.8



#20
Diisopropyl ether
Concen: 18.019 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 45 Resp: 119593
Ion Ratio Lower Upper
45 100
43 51.2 42.6 64.0
87 26.8 23.0 34.4
59 11.5 9.4 14.0





#21

1,1-Dichloroethane

Concen: 17.670 ug/l

RT: 6.559 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

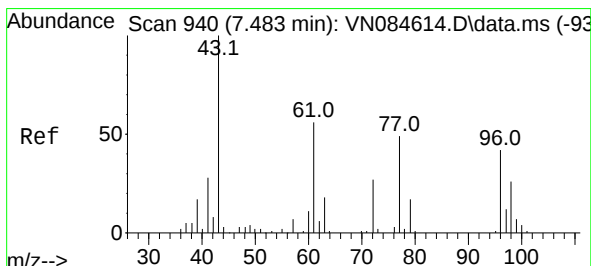
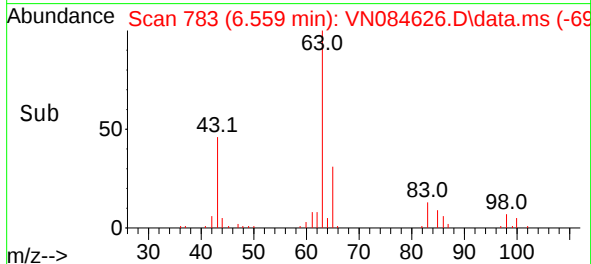
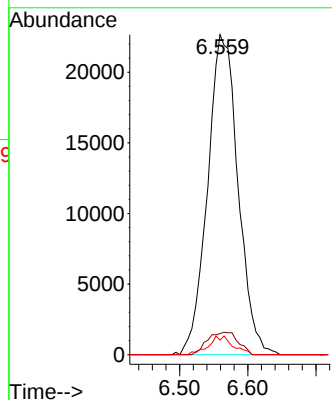
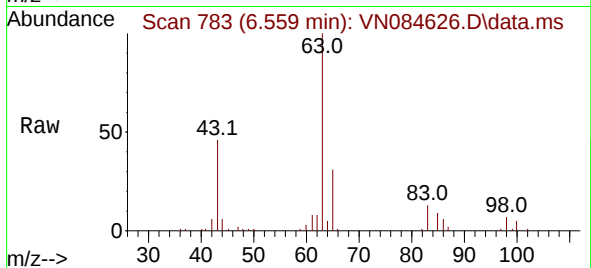
Tgt Ion: 63 Resp: 70526

Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 4.5 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 17.853 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

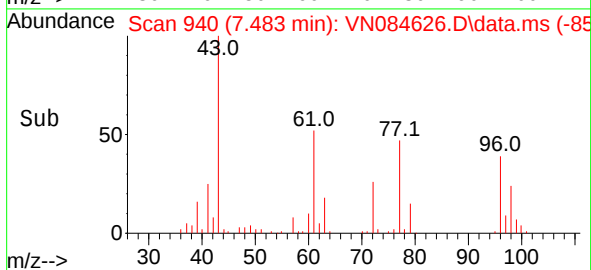
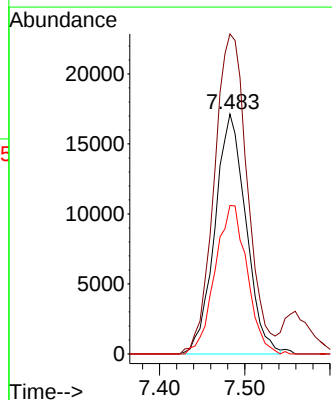
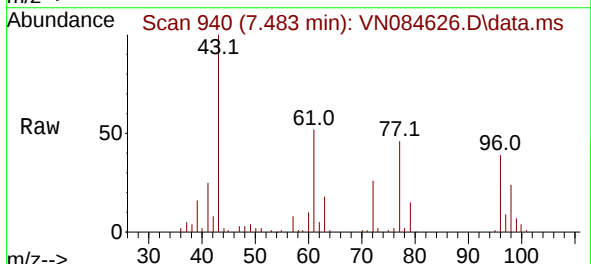
Tgt Ion: 96 Resp: 43468

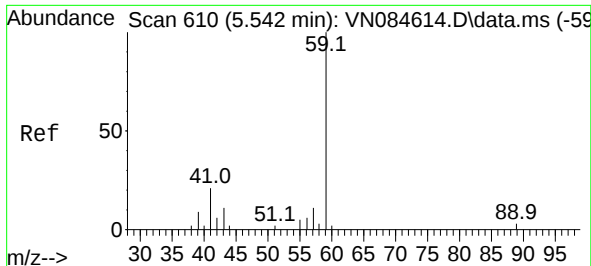
Ion Ratio Lower Upper

96 100

61 142.4 121.8 182.8

98 63.7 53.2 79.8





#23

tert-Butyl Alcohol

Concen: 52.024 ug/l

RT: 5.542 min Scan# 610

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

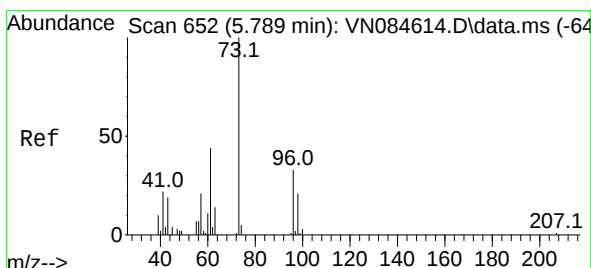
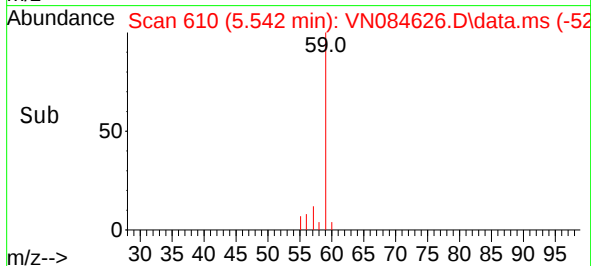
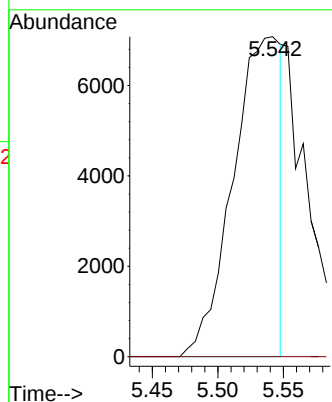
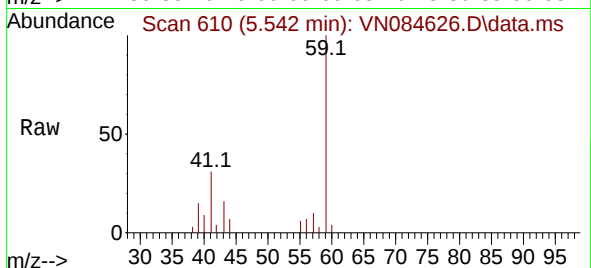
VSTDCCC020EC

Tgt Ion: 59 Resp: 18020

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 17.966 ug/l

RT: 5.795 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN084626.D

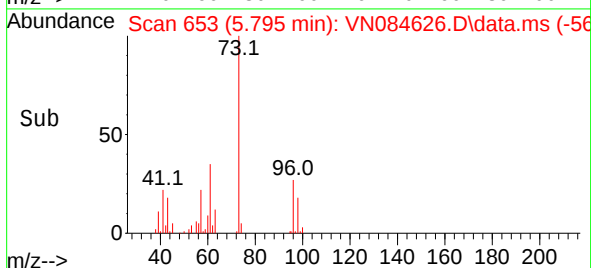
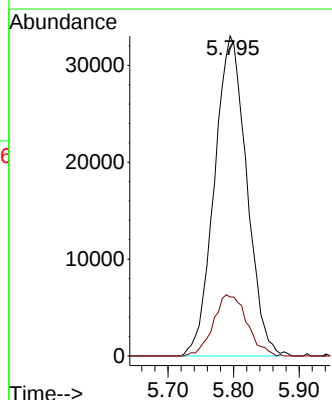
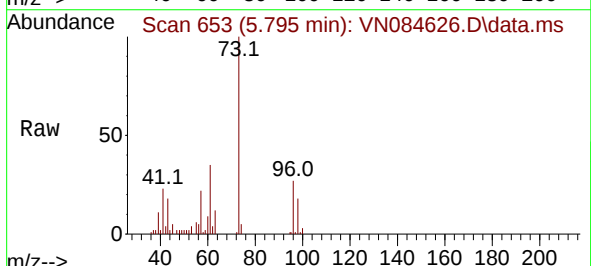
Acq: 31 Oct 2024 18:13

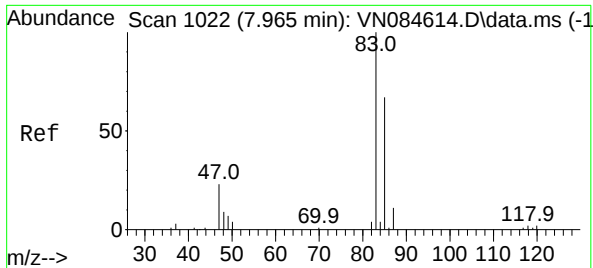
Tgt Ion: 73 Resp: 113042

Ion Ratio Lower Upper

73 100

43 19.8 16.5 24.7

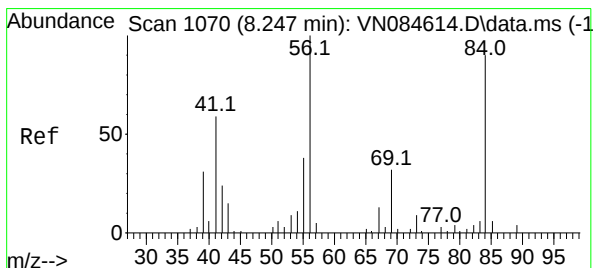
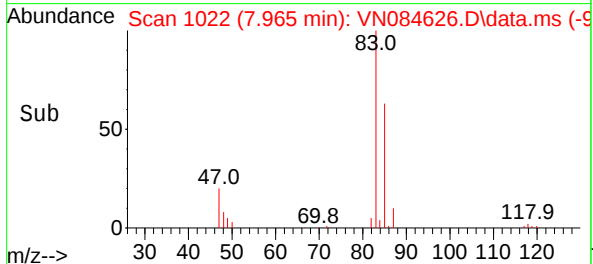
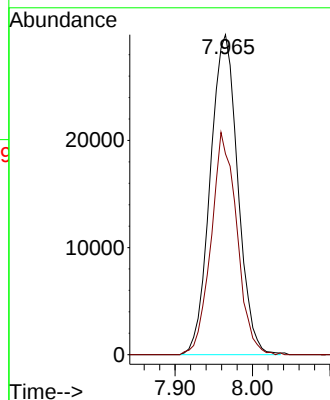
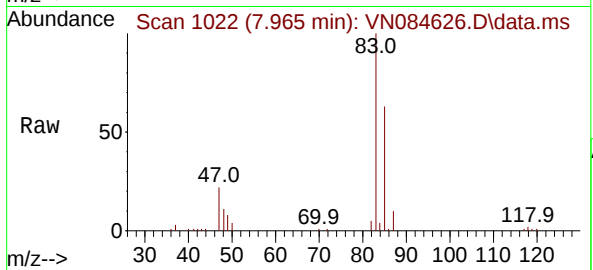




#25
Chloroform
Concen: 18.080 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

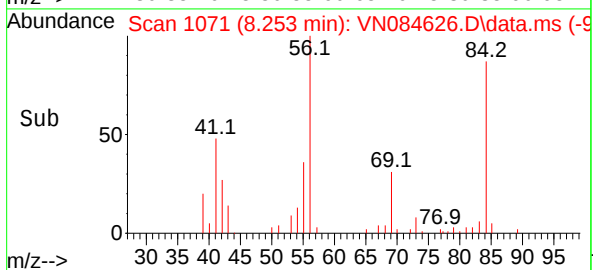
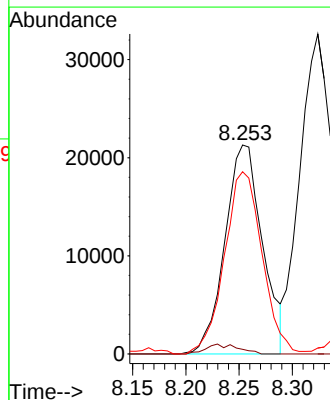
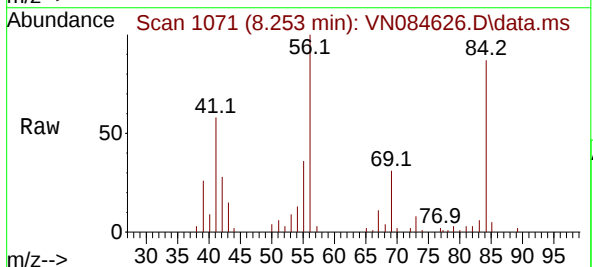
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

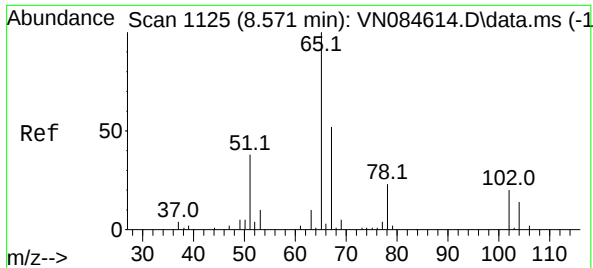
Tgt Ion: 83 Resp: 73933
Ion Ratio Lower Upper
83 100
85 62.7 53.4 80.2



#26
Cyclohexane
Concen: 17.177 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 56 Resp: 52368
Ion Ratio Lower Upper
56 100
89 2.3 3.0 4.4#
84 87.2 70.6 106.0

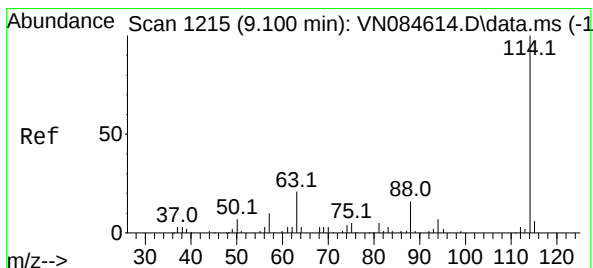
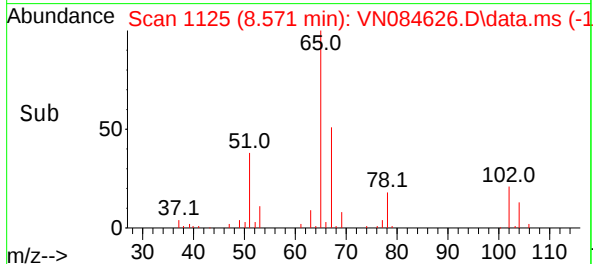
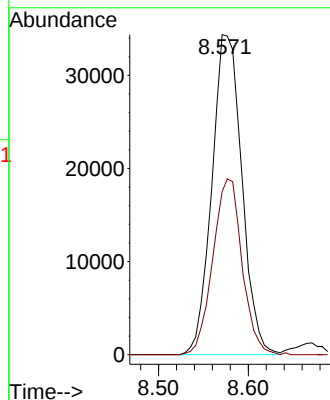
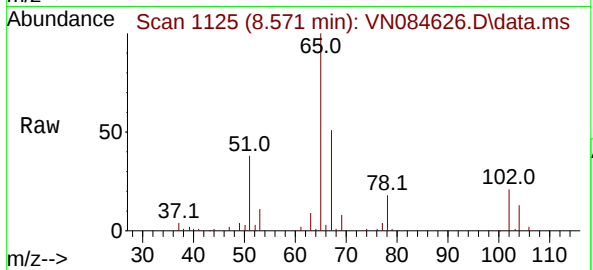




#27
1,2-Dichloroethane-d4
Concen: 29.730 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

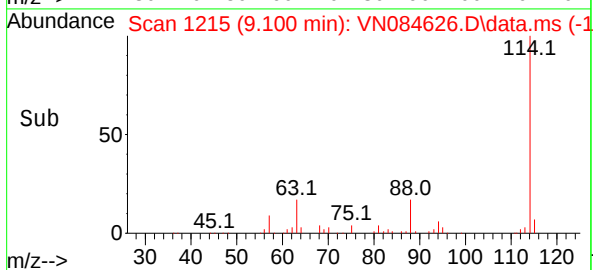
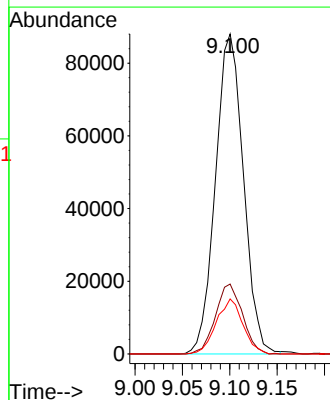
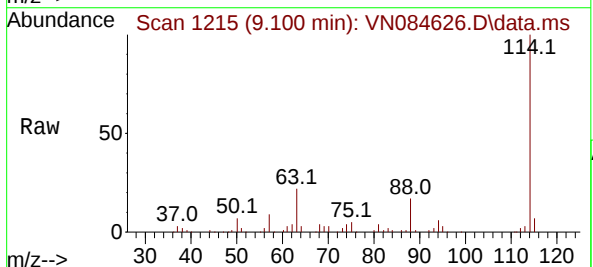
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

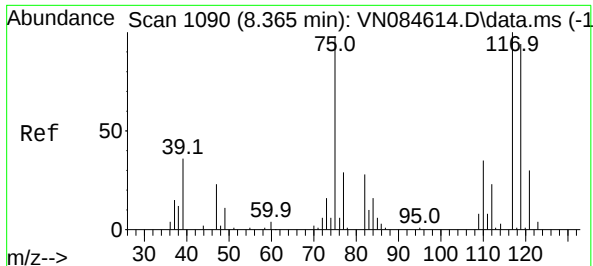
Tgt Ion: 65 Resp: 79796
Ion Ratio Lower Upper
65 100
67 53.5 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 114 Resp: 180797
Ion Ratio Lower Upper
114 100
63 21.1 16.8 25.2
88 16.4 12.9 19.3

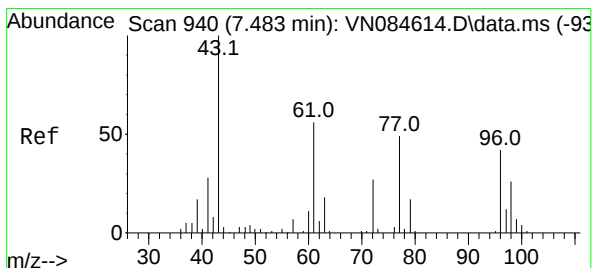
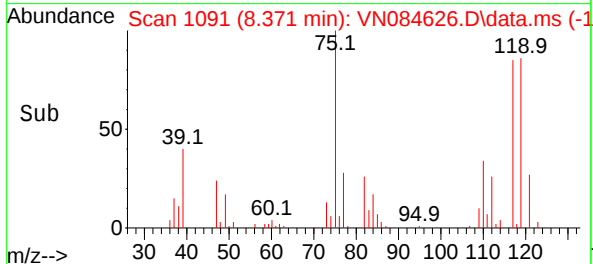
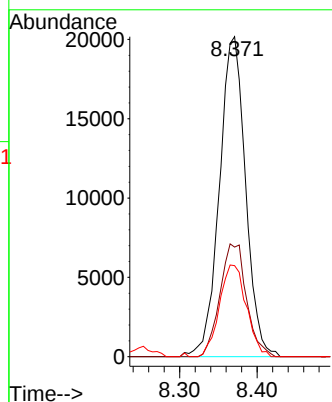
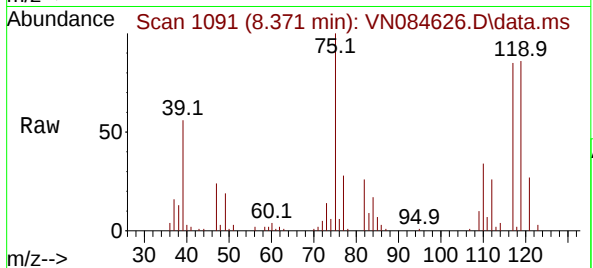




#29
1,1-Dichloropropene
Concen: 17.416 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

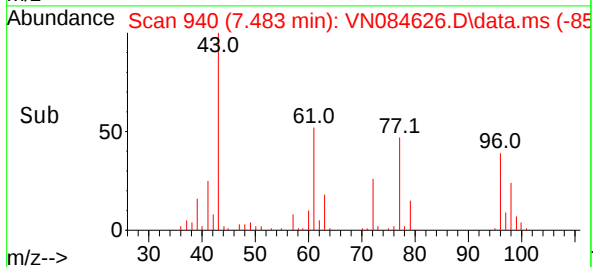
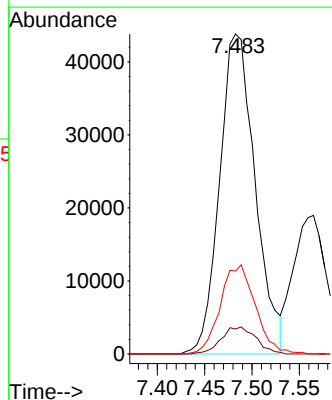
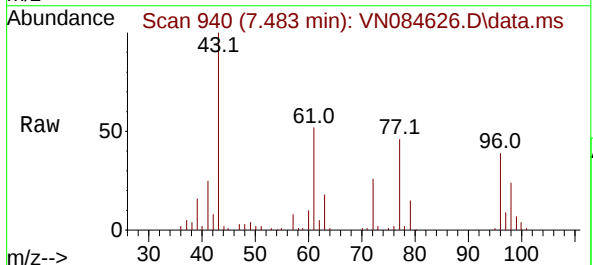
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

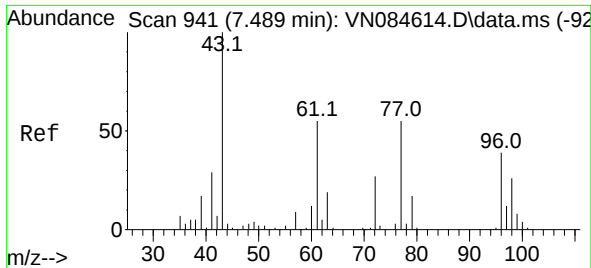
Tgt Ion: 75 Resp: 47427
Ion Ratio Lower Upper
75 100
110 35.8 0.0 69.4
77 29.4 0.0 62.0



#30
2-Butanone
Concen: 91.177 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 43 Resp: 114532
Ion Ratio Lower Upper
43 100
57 8.2 6.2 9.4
72 27.4 21.5 32.3





#31

2,2-Dichloropropane

Concen: 17.033 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

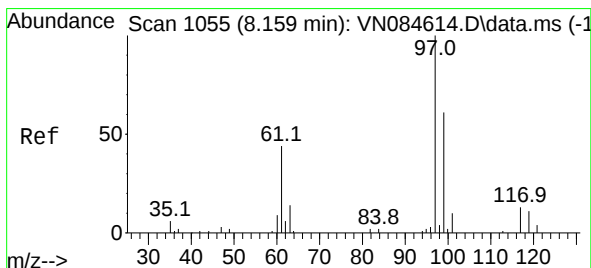
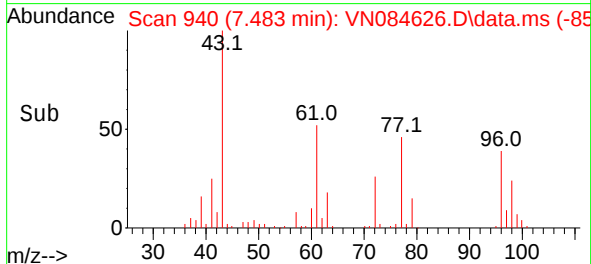
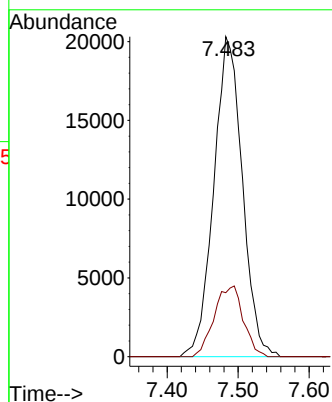
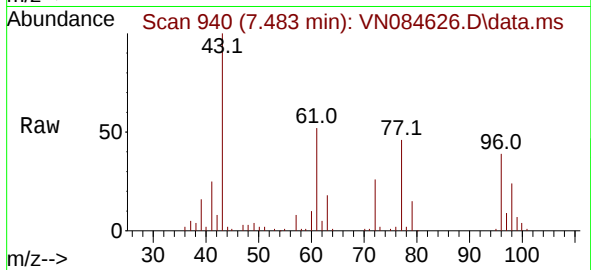
VSTDCCC020EC

Tgt Ion: 77 Resp: 56622

Ion Ratio Lower Upper

77 100

97 22.5 17.4 26.2



#32

1,1,1-Trichloroethane

Concen: 17.729 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

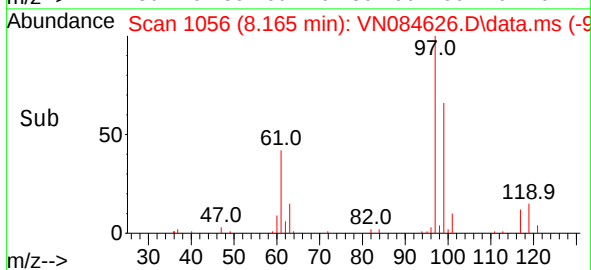
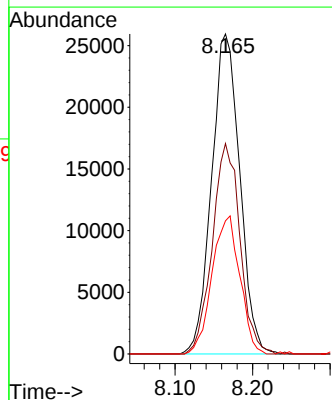
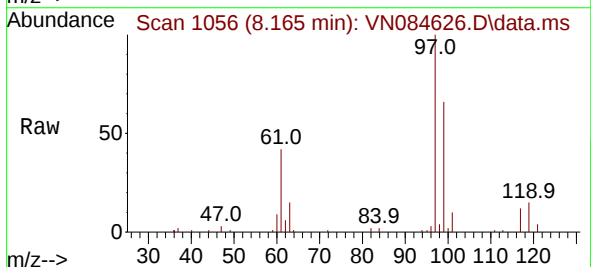
Tgt Ion: 97 Resp: 65592

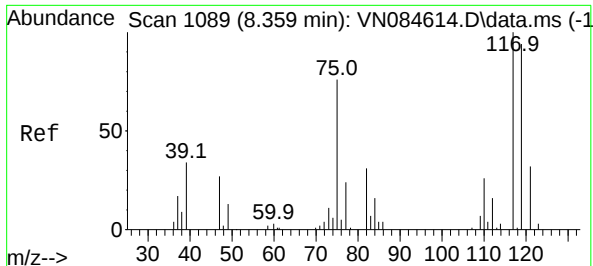
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 42.5 34.2 51.4





#33

Carbon Tetrachloride

Concen: 17.338 ug/l

RT: 8.359 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

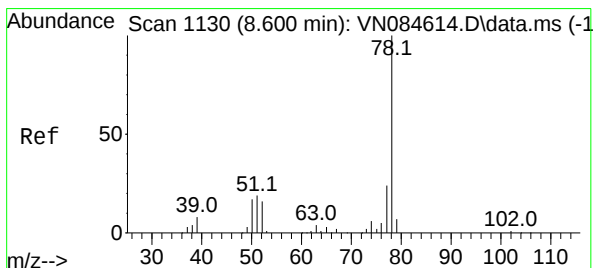
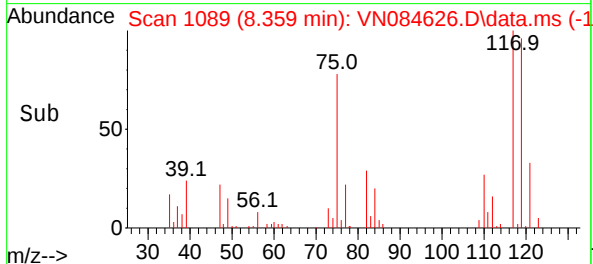
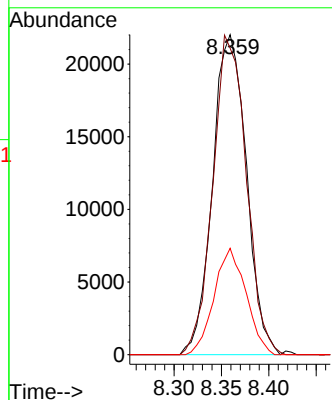
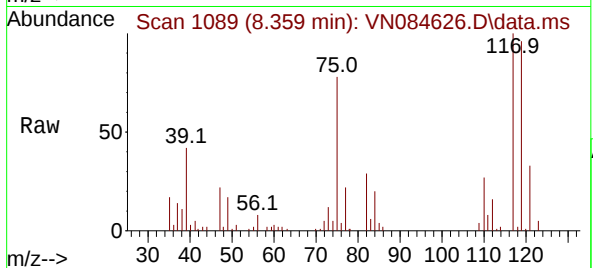
Tgt Ion:117 Resp: 54736

Ion Ratio Lower Upper

117 100

119 95.8 75.7 113.5

121 33.3 25.4 38.0



#34

Benzene

Concen: 17.784 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

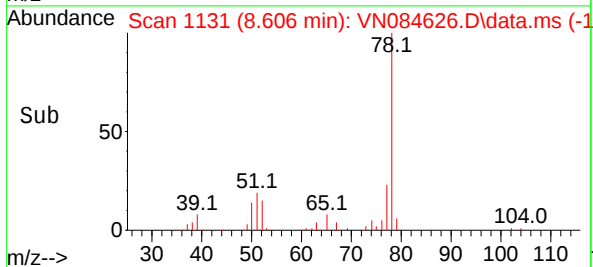
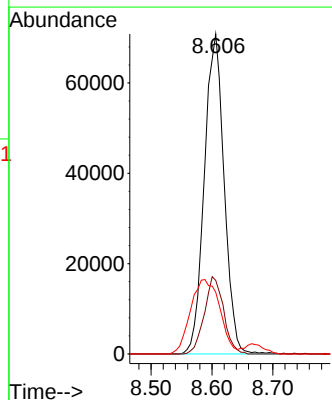
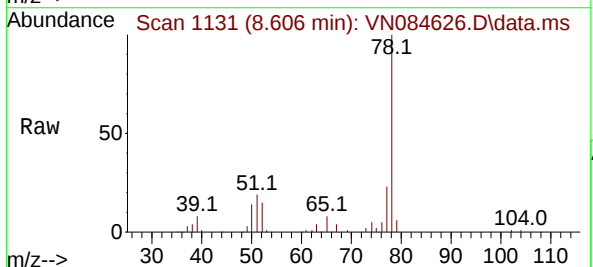
Tgt Ion: 78 Resp: 160072

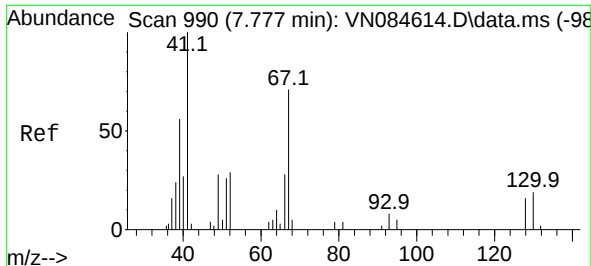
Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9

51 19.3 16.1 24.1





#35

Methacrylonitrile

Concen: 18.051 ug/l

RT: 7.777 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 26874

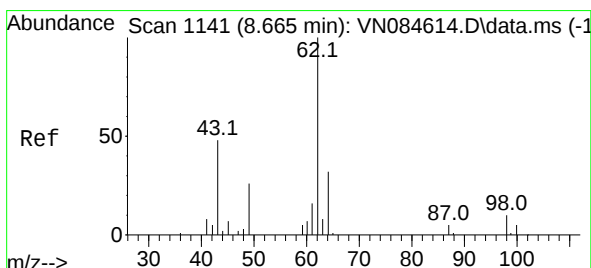
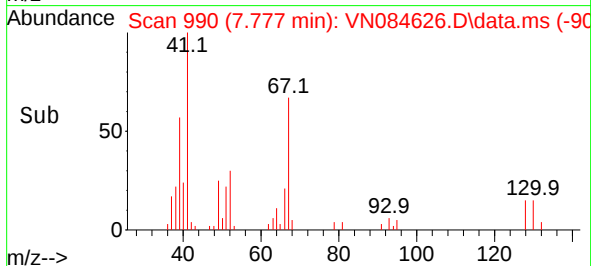
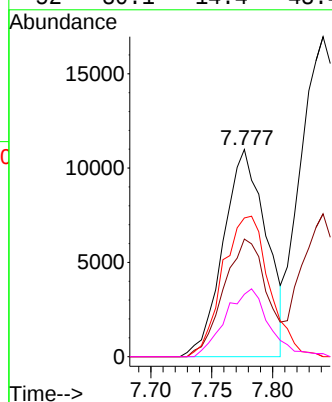
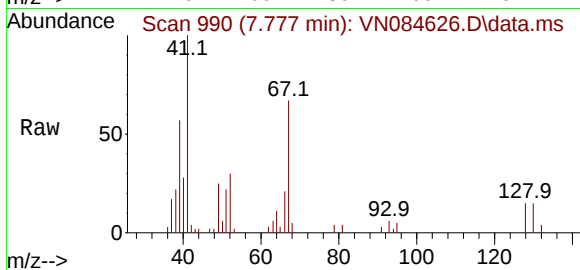
Ion Ratio Lower Upper

41 100

39 56.7 28.2 84.6

67 66.9 35.6 106.8

52 30.1 14.4 43.4



#36

1,2-Dichloroethane

Concen: 18.526 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN084626.D

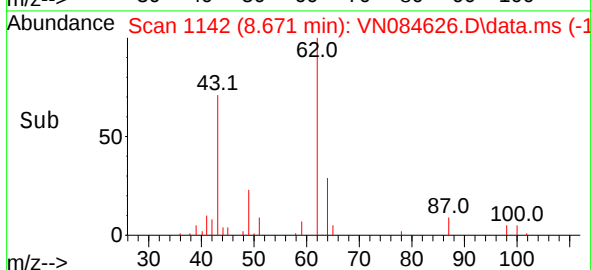
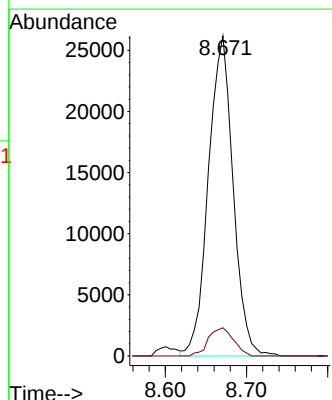
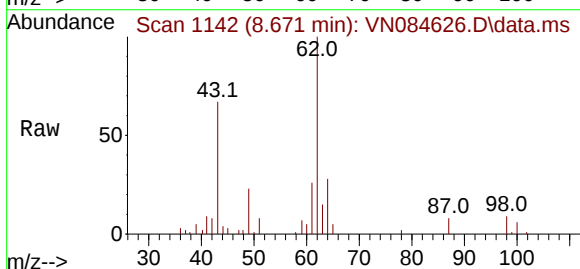
Acq: 31 Oct 2024 18:13

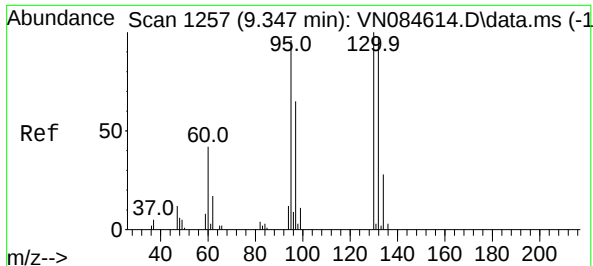
Tgt Ion: 62 Resp: 55454

Ion Ratio Lower Upper

62 100

98 8.9 7.8 11.6

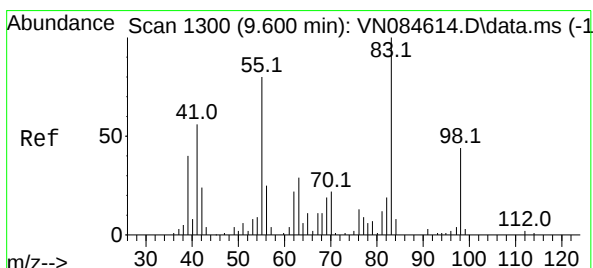
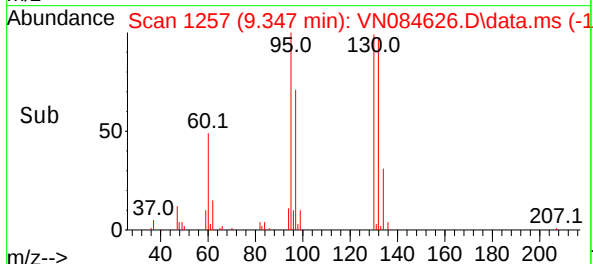
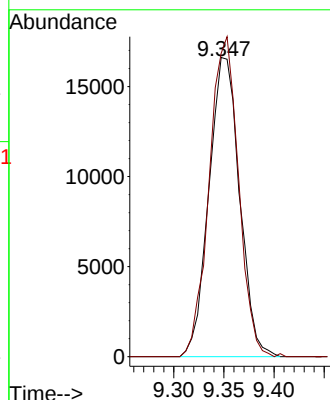
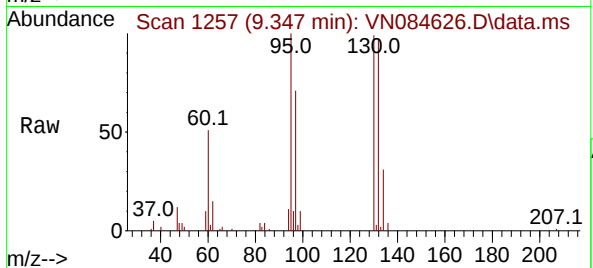




#37
Trichloroethene
Concen: 17.430 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

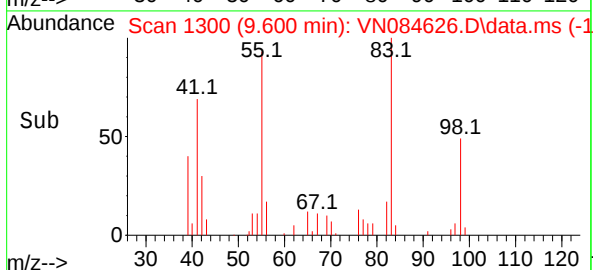
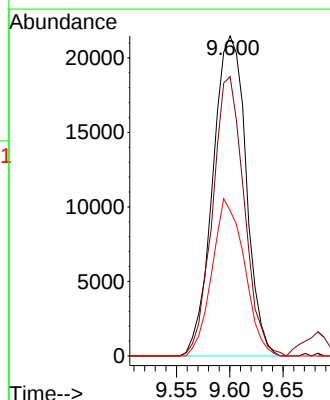
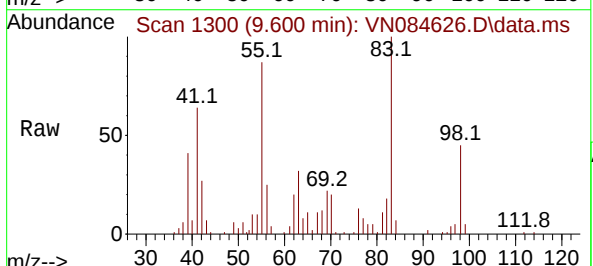
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

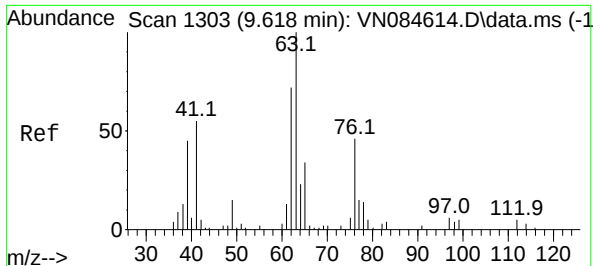
Tgt Ion:130 Resp: 35392
Ion Ratio Lower Upper
130 100
95 101.3 76.6 115.0



#38
Methylcyclohexane
Concen: 15.916 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 83 Resp: 46659
Ion Ratio Lower Upper
83 100
55 82.7 39.6 118.8
98 47.7 23.2 69.5

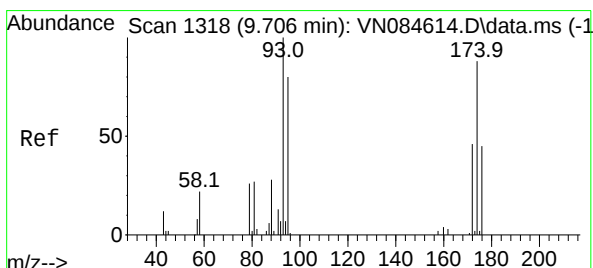
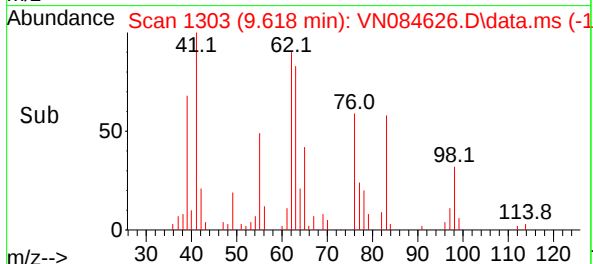
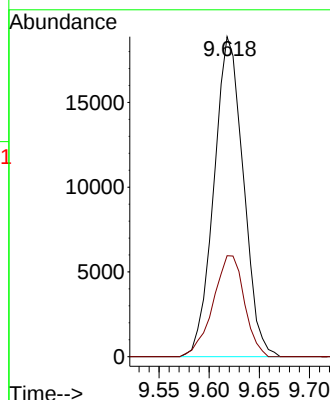
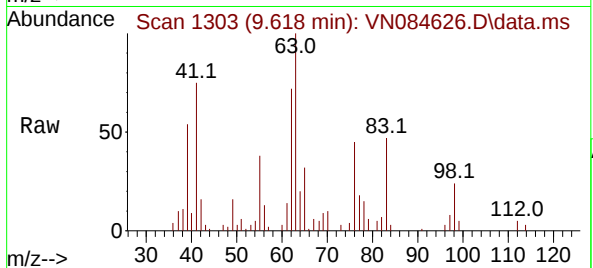




#39
1,2-Dichloropropane
Concen: 17.773 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

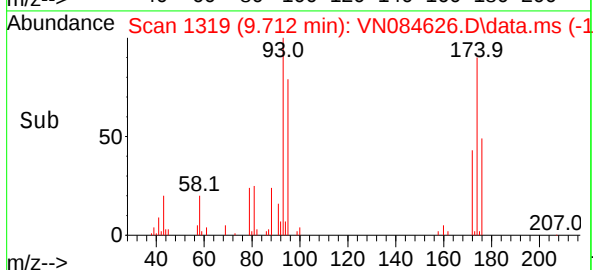
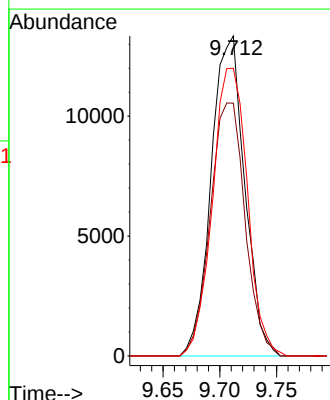
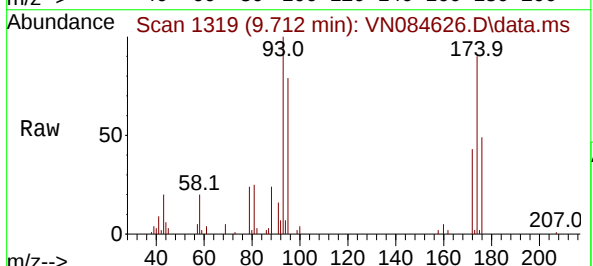
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

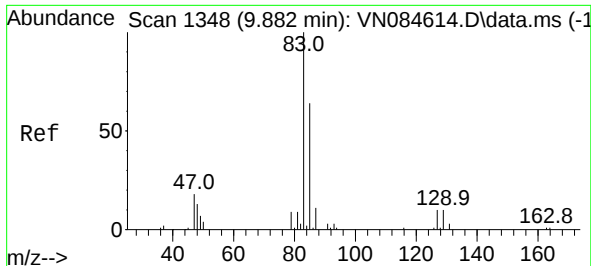
Tgt Ion: 63 Resp: 38509
Ion Ratio Lower Upper
63 100
65 31.6 27.8 41.8



#40
Dibromomethane
Concen: 18.068 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 93 Resp: 27388
Ion Ratio Lower Upper
93 100
95 82.2 0.0 168.4
174 93.5 0.0 183.4

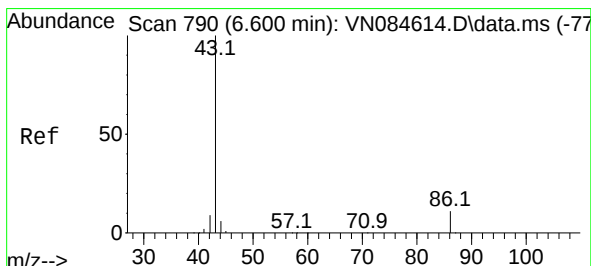
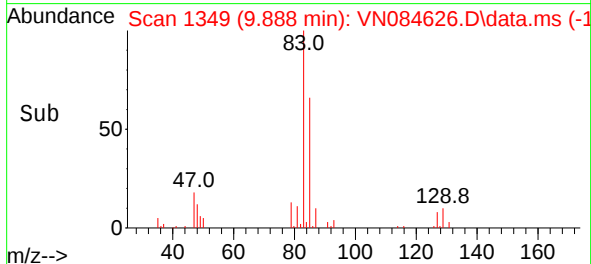
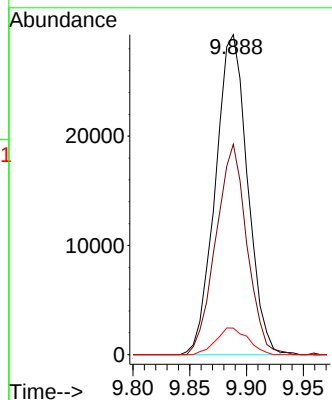
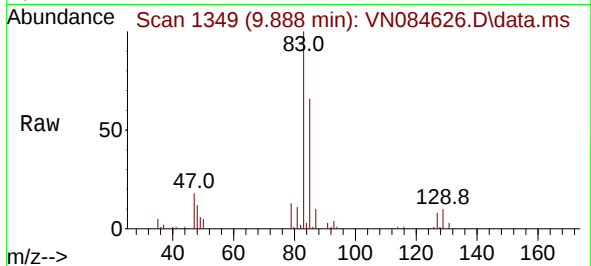




#41
Bromodichloromethane
Concen: 17.707 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

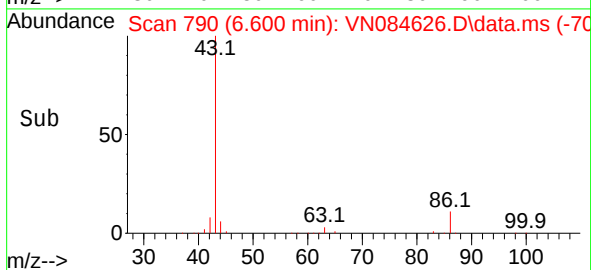
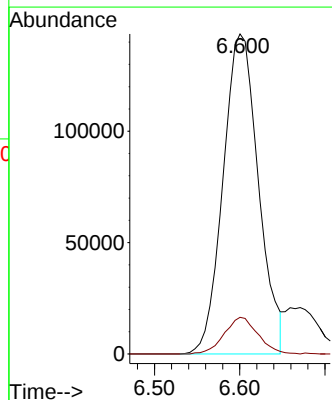
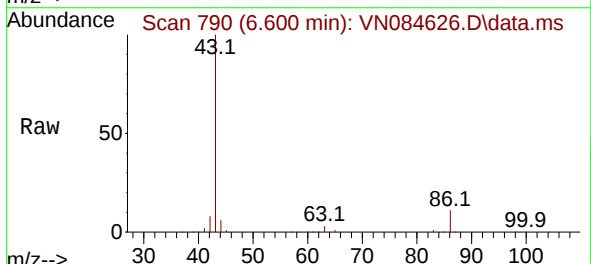
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

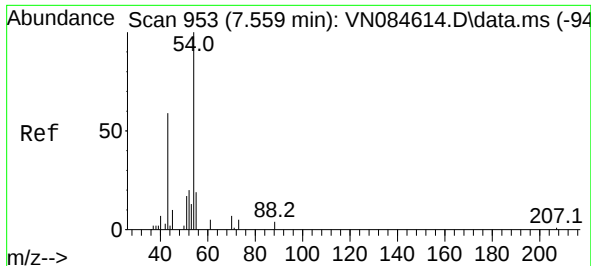
Tgt Ion: 83 Resp: 57540
Ion Ratio Lower Upper
83 100
85 65.7 51.0 76.6
127 8.3 7.8 11.6



#42
Vinyl Acetate
Concen: 88.421 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 43 Resp: 415167
Ion Ratio Lower Upper
43 100
86 10.9 8.6 13.0





#43

Ethyl Acetate

Concen: 18.781 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

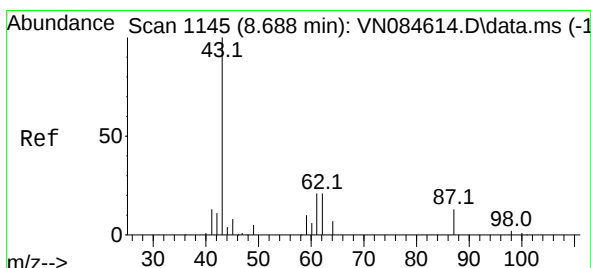
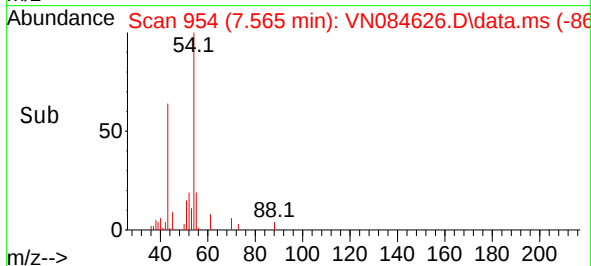
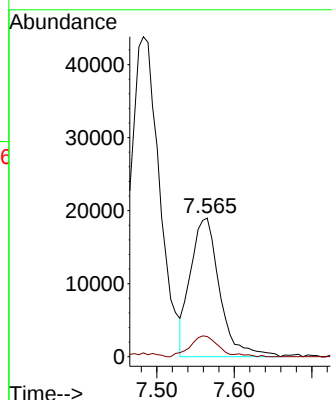
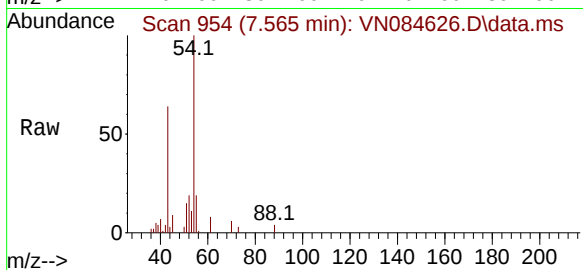
VSTDCCC020EC

Tgt Ion: 43 Resp: 49573

Ion Ratio Lower Upper

43 100

45 13.8 11.0 16.4



#44

Isopropyl Acetate

Concen: 15.531 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084626.D

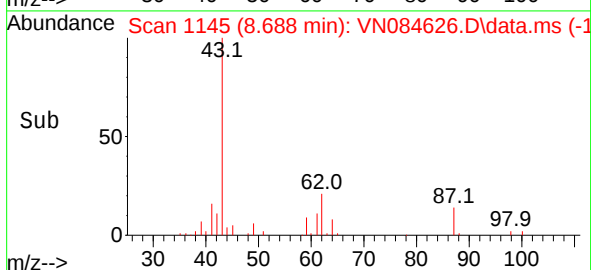
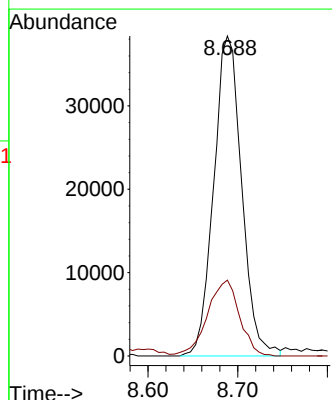
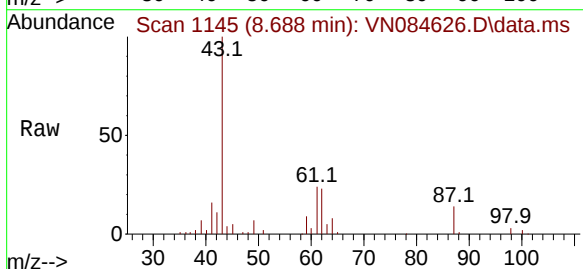
Acq: 31 Oct 2024 18:13

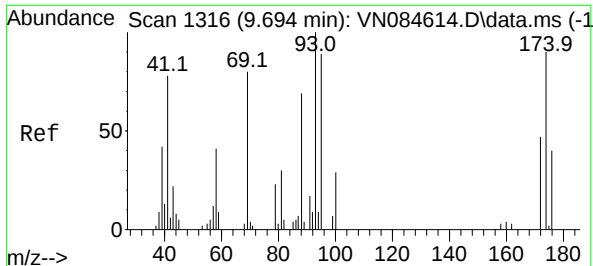
Tgt Ion: 43 Resp: 83008

Ion Ratio Lower Upper

43 100

61 27.2 19.8 29.8





#45

1,4-Dioxane

Concen: 357.179 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

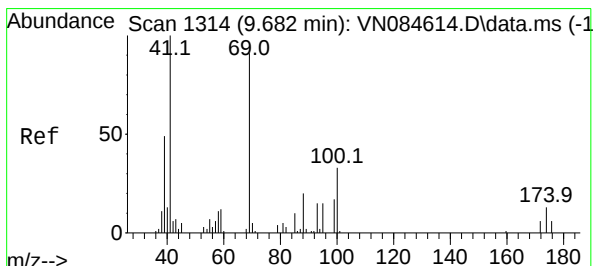
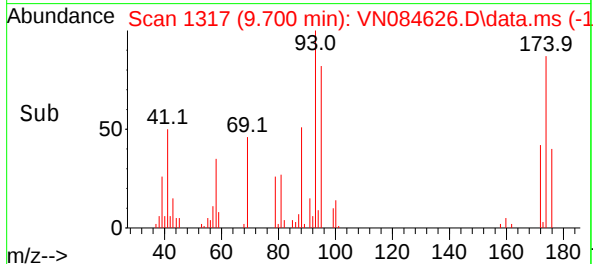
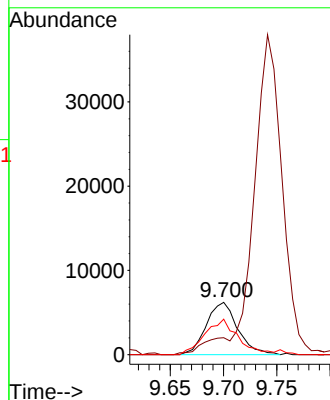
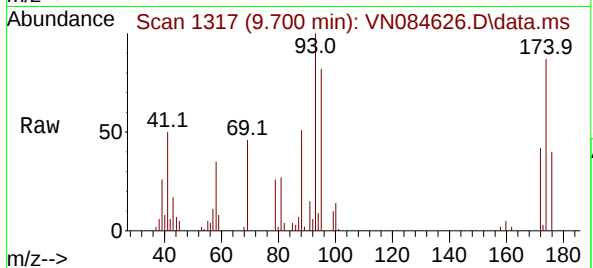
Tgt Ion: 88 Resp: 12745

Ion Ratio Lower Upper

88 100

43 28.5 20.8 31.2

58 71.8 53.4 80.2



#46

Methyl methacrylate

Concen: 18.277 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

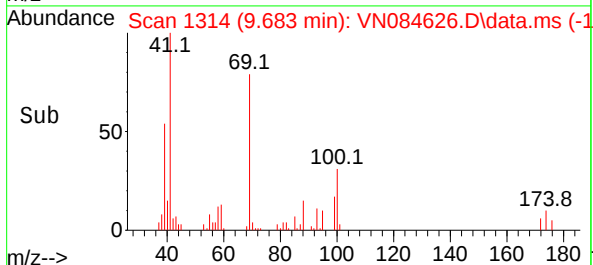
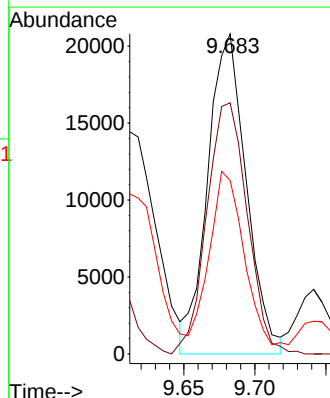
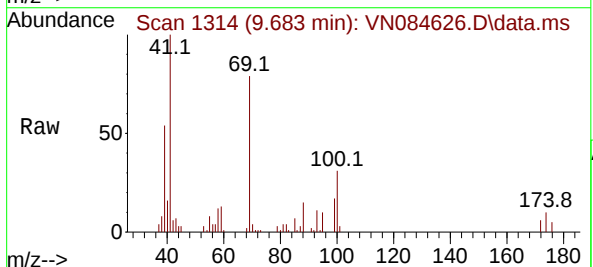
Tgt Ion: 41 Resp: 39256

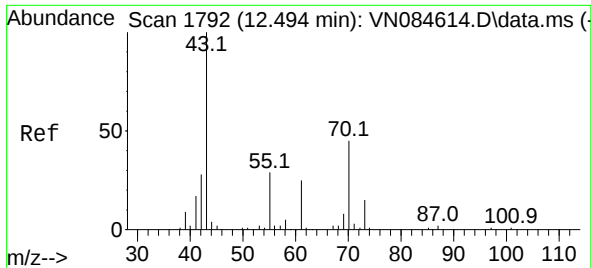
Ion Ratio Lower Upper

41 100

69 80.3 43.4 130.2

39 53.5 24.7 74.1





#47

n-amyl acetate

Concen: 18.884 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

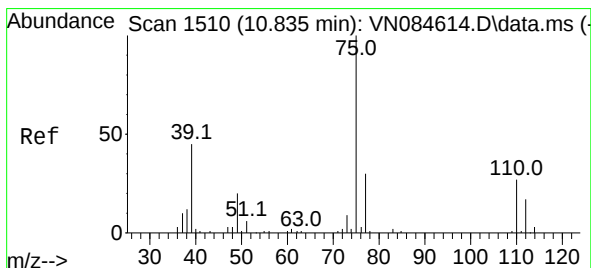
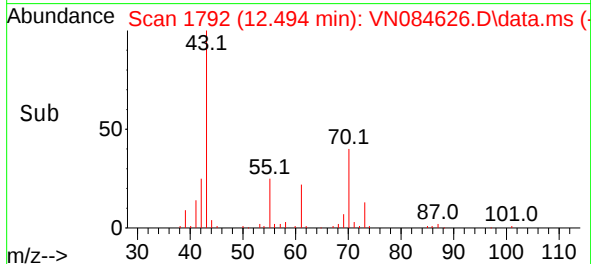
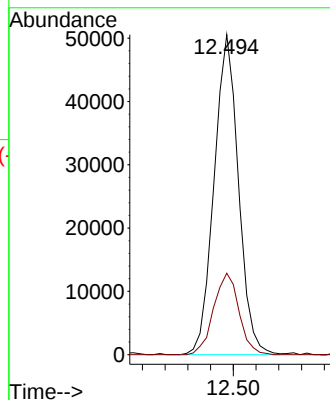
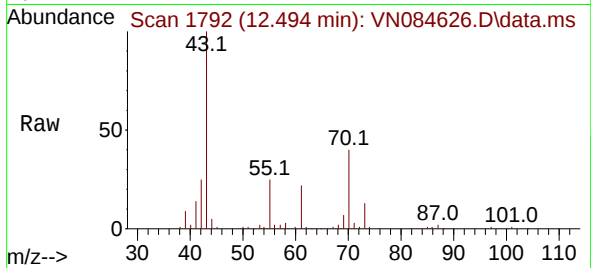
VSTDCCC020EC

Tgt Ion: 43 Resp: 75378

Ion Ratio Lower Upper

43 100

55 26.4 22.0 33.0



#48

t-1,3-Dichloropropene

Concen: 17.088 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084626.D

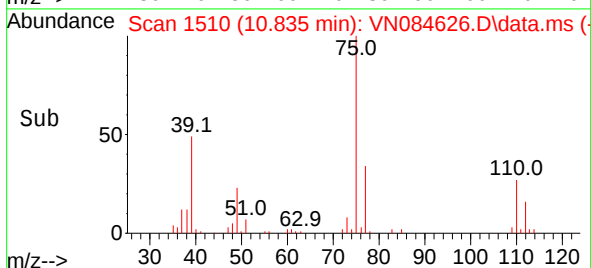
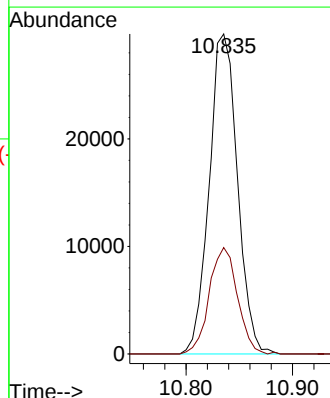
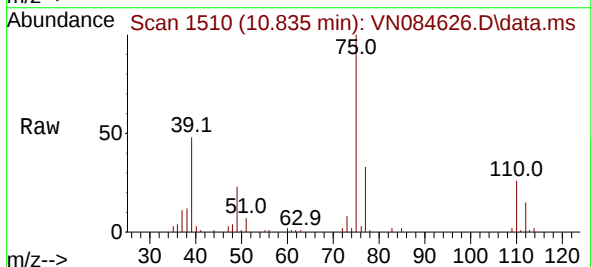
Acq: 31 Oct 2024 18:13

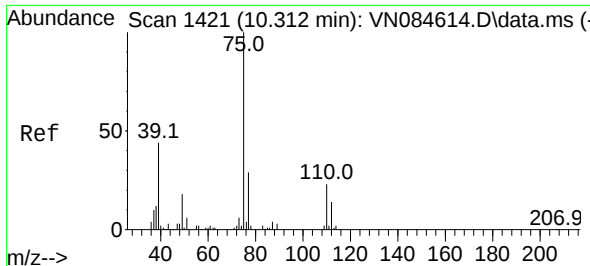
Tgt Ion: 75 Resp: 54831

Ion Ratio Lower Upper

75 100

77 33.3 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 17.467 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

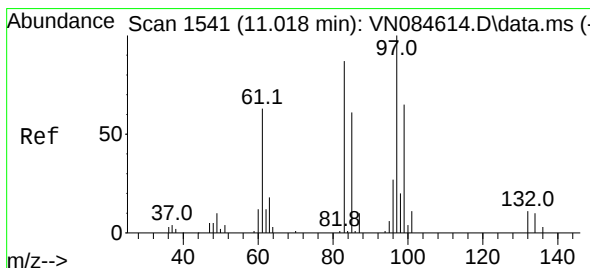
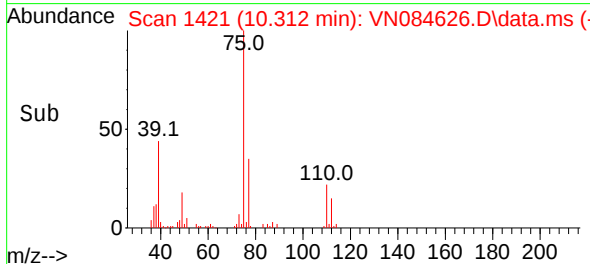
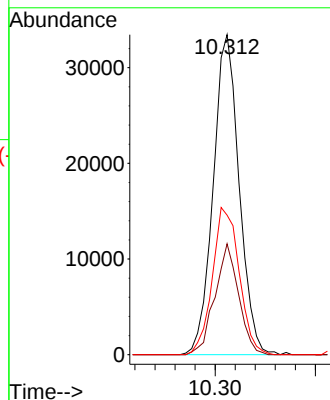
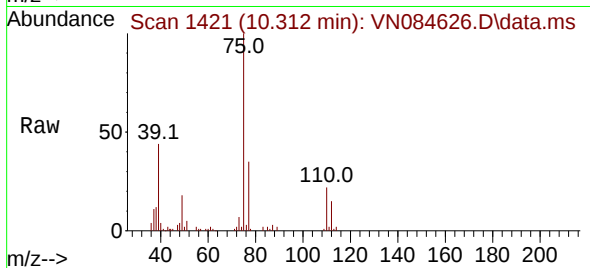
Tgt Ion: 75 Resp: 60066

Ion Ratio Lower Upper

75 100

77 34.6 23.4 35.2

39 43.6 35.4 53.2



#50

1,1,2-Trichloroethane

Concen: 18.161 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Tgt Ion: 97 Resp: 36926

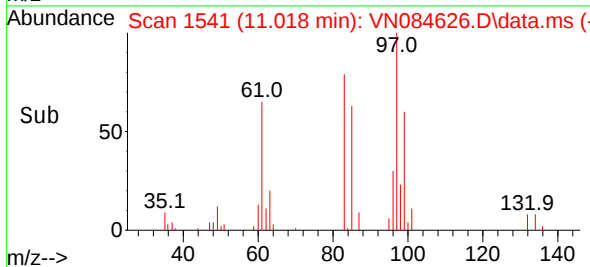
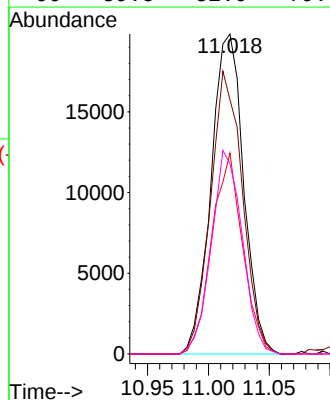
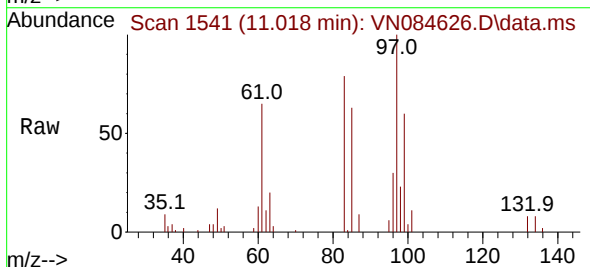
Ion Ratio Lower Upper

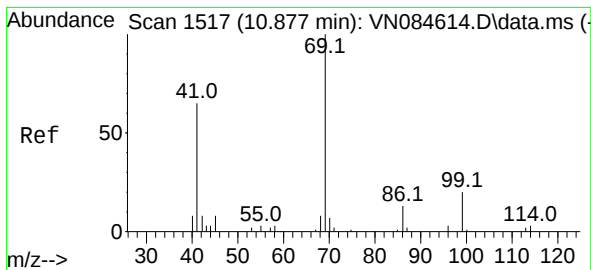
97 100

83 79.5 69.8 104.8

85 62.8 48.6 73.0

99 59.5 52.9 79.3





#51

Ethyl methacrylate

Concen: 18.402 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

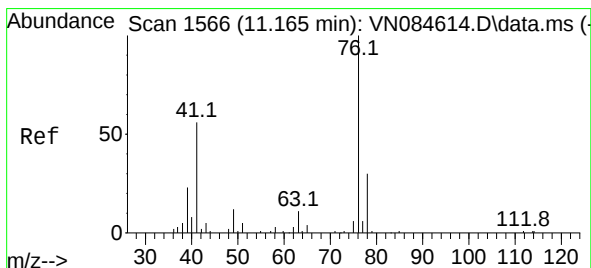
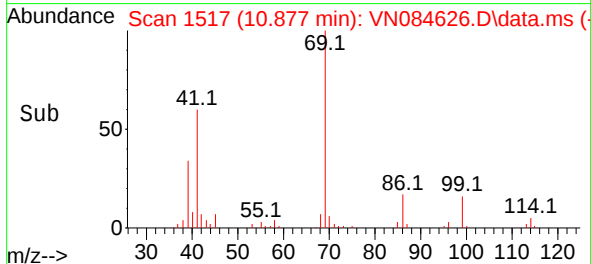
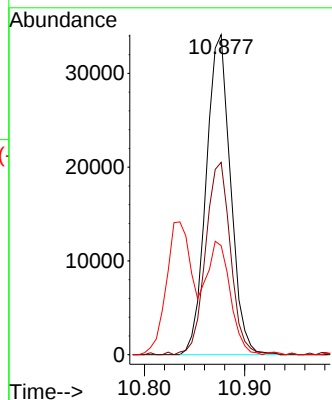
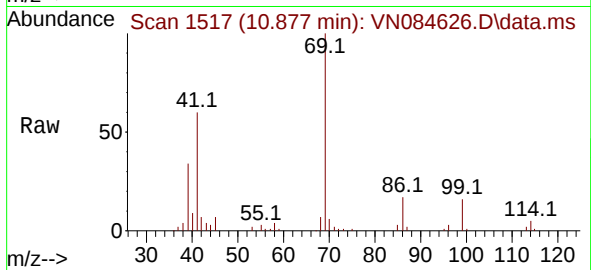
Tgt Ion: 69 Resp: 57674

Ion Ratio Lower Upper

69 100

41 60.1 32.8 98.3

39 33.6 15.4 46.1



#52

1,3-Dichloropropane

Concen: 18.085 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.006 min

Lab File: VN084626.D

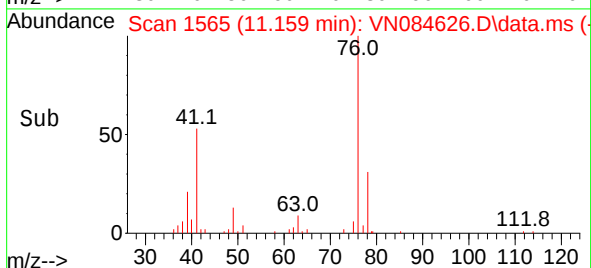
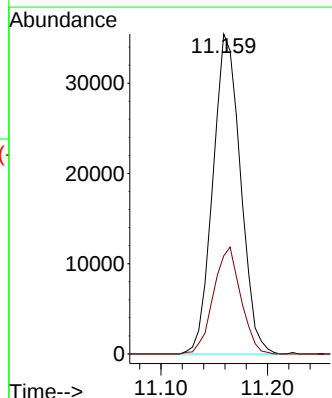
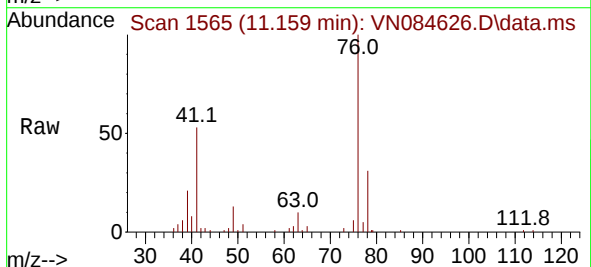
Acq: 31 Oct 2024 18:13

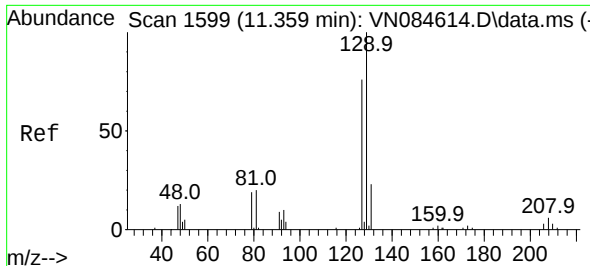
Tgt Ion: 76 Resp: 63826

Ion Ratio Lower Upper

76 100

78 33.0 0.0 64.0





#53

Dibromochloromethane

Concen: 18.150 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

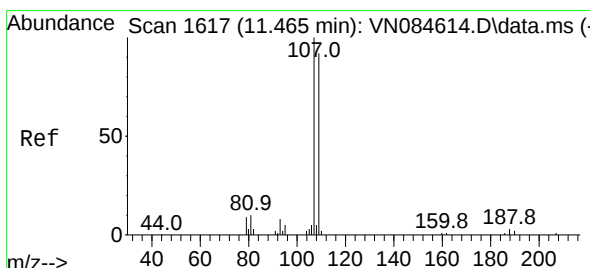
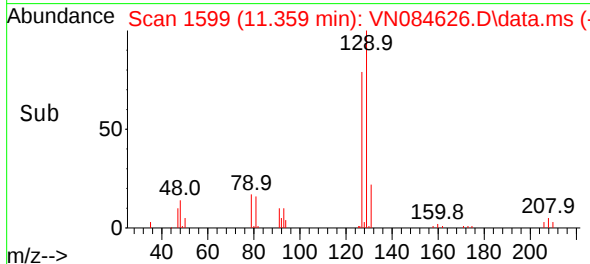
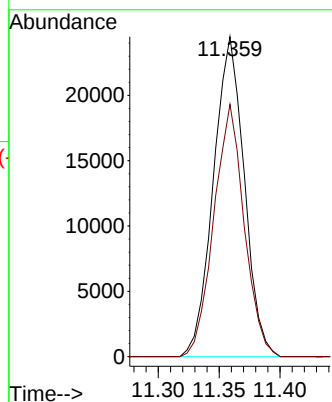
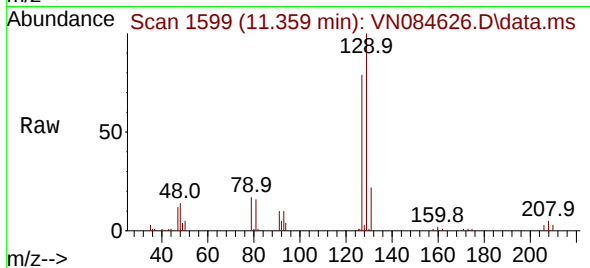
VSTDCCC020EC

Tgt Ion:129 Resp: 43186

Ion Ratio Lower Upper

129 100

127 77.5 39.6 119.0



#54

1,2-Dibromoethane

Concen: 18.087 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN084626.D

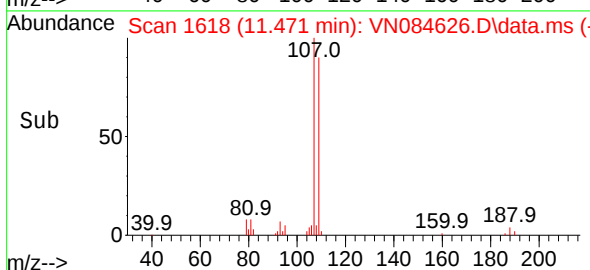
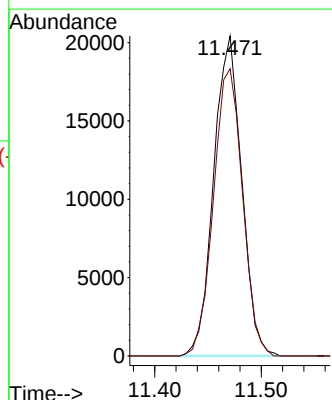
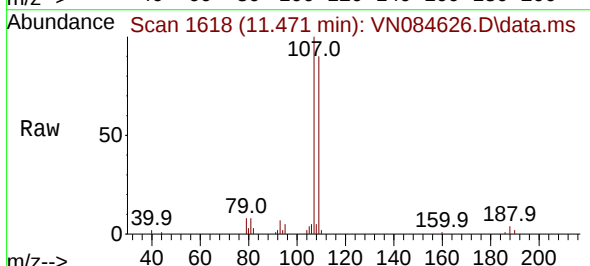
Acq: 31 Oct 2024 18:13

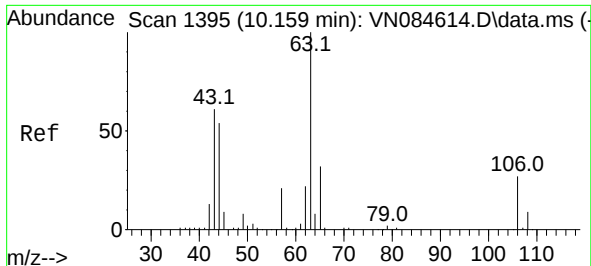
Tgt Ion:107 Resp: 37194

Ion Ratio Lower Upper

107 100

109 93.5 73.4 110.0

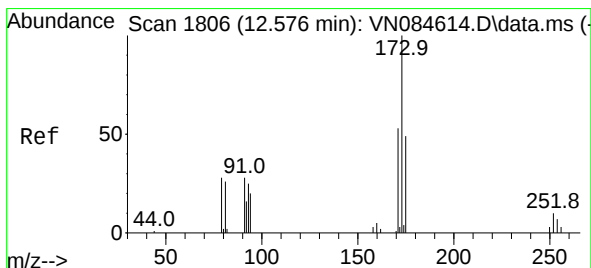
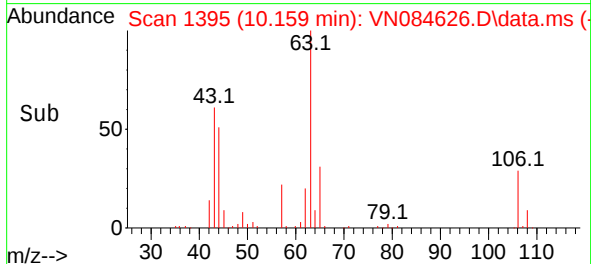
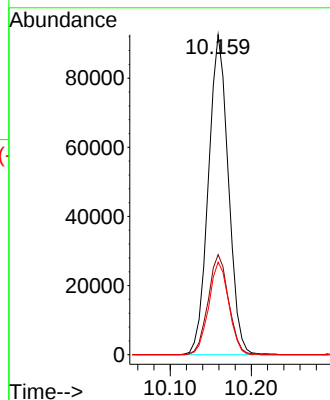
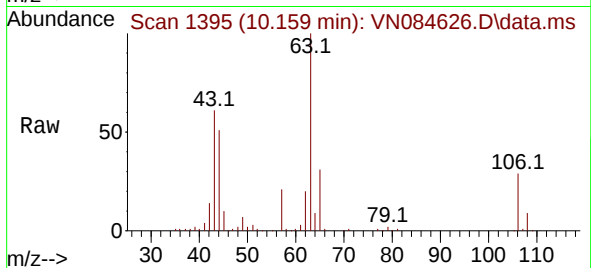




#55
2-Chloroethyl vinyl ether
Concen: 102.975 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

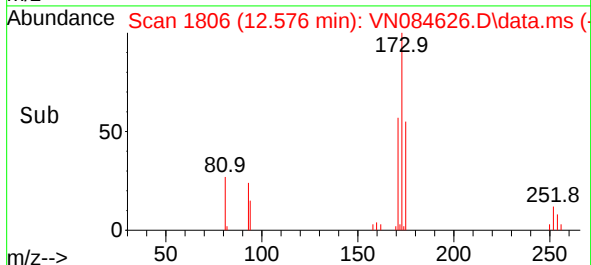
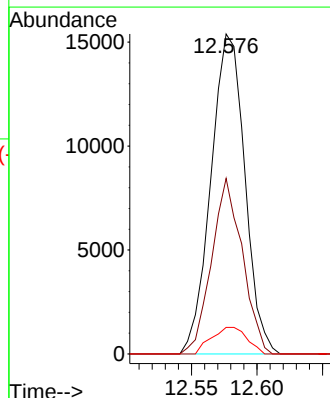
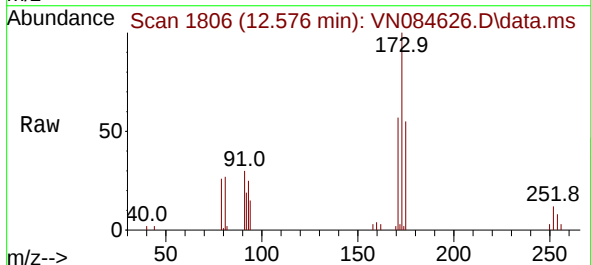
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

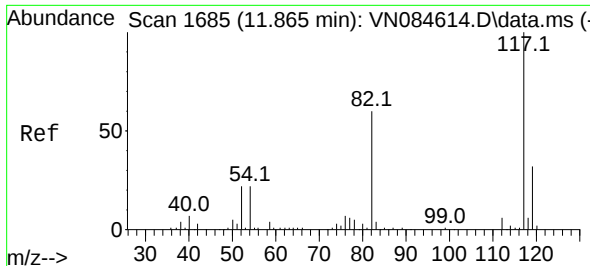
Tgt Ion: 63 Resp: 158226
Ion Ratio Lower Upper
63 100
65 32.0 25.5 38.3
106 28.9 22.3 33.5



#56
Bromoform
Concen: 17.343 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion:173 Resp: 27660
Ion Ratio Lower Upper
173 100
175 49.9 39.4 59.2
254 8.7 6.4 9.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

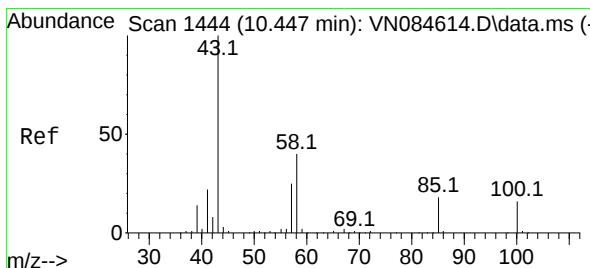
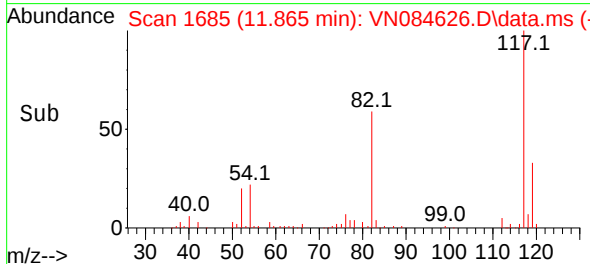
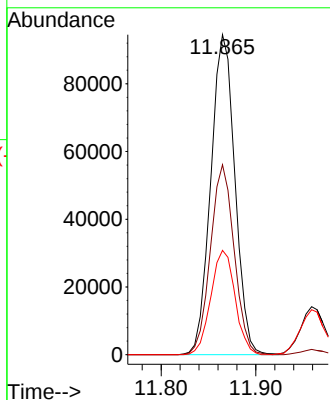
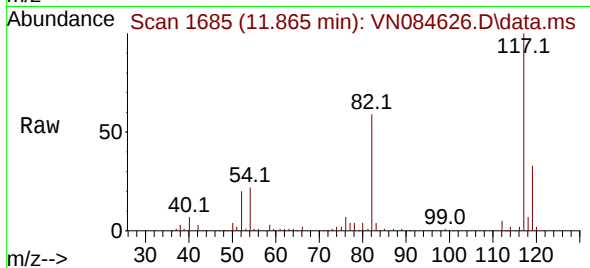
Tgt Ion:117 Resp: 167444

Ion Ratio Lower Upper

117 100

82 58.5 45.5 68.3

119 32.8 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 95.159 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

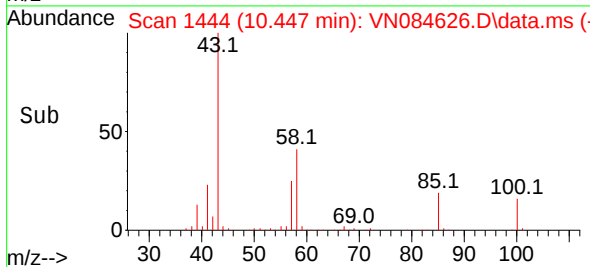
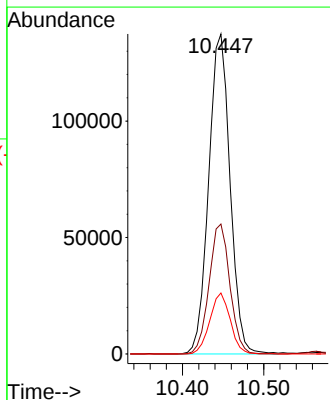
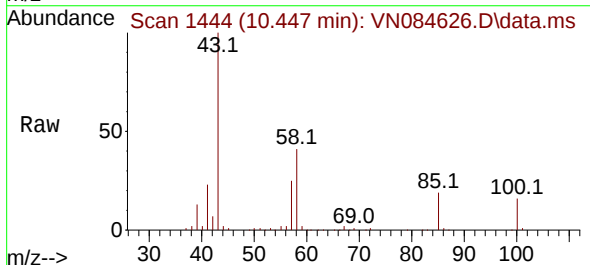
Tgt Ion: 43 Resp: 251373

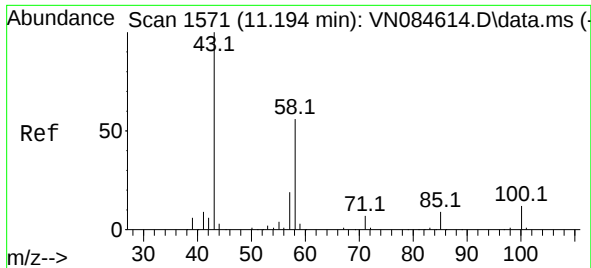
Ion Ratio Lower Upper

43 100

58 39.5 31.2 46.8

85 18.2 14.9 22.3





#59

2-Hexanone

Concen: 92.986 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

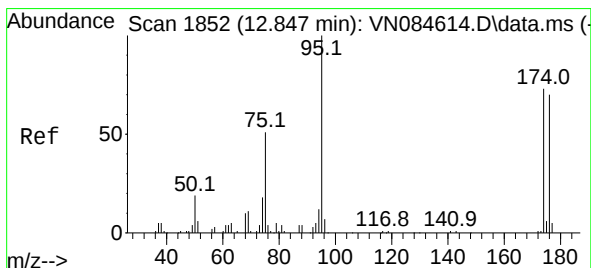
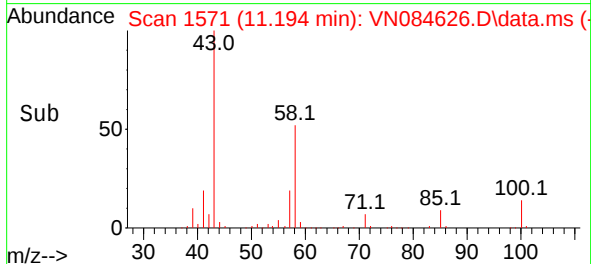
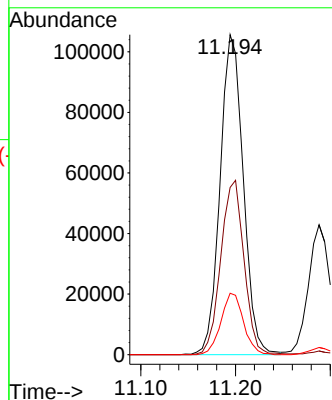
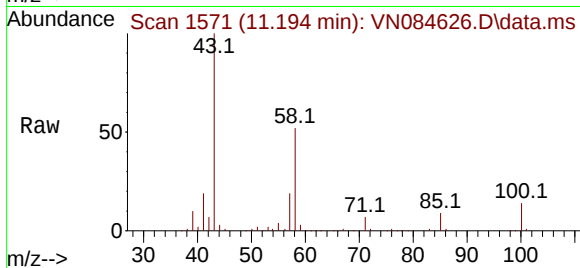
Tgt Ion: 43 Resp: 179869

Ion Ratio Lower Upper

43 100

58 54.3 43.8 65.6

57 18.7 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 29.796 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

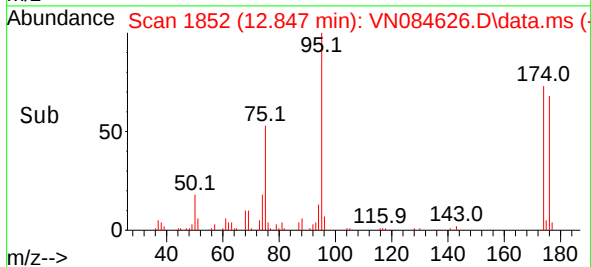
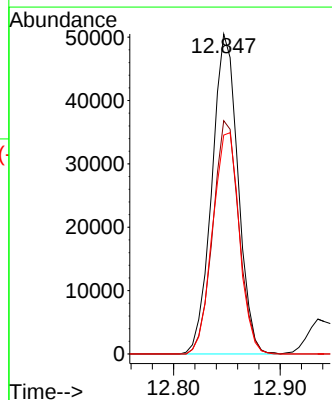
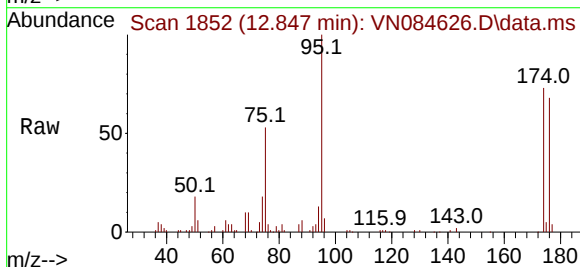
Tgt Ion: 95 Resp: 85904

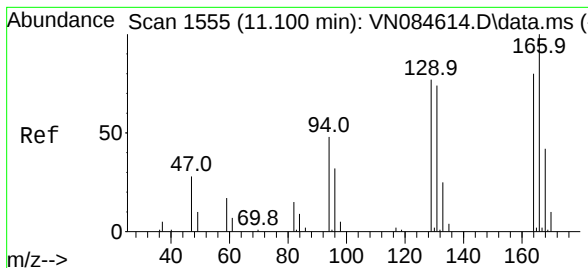
Ion Ratio Lower Upper

95 100

174 72.9 59.6 89.4

176 70.8 58.6 88.0

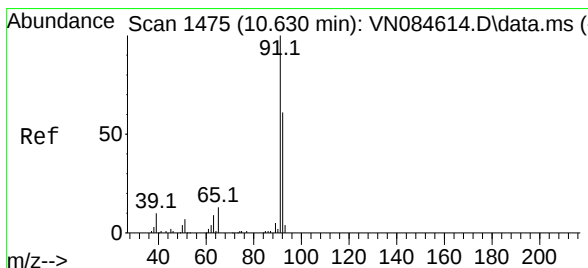
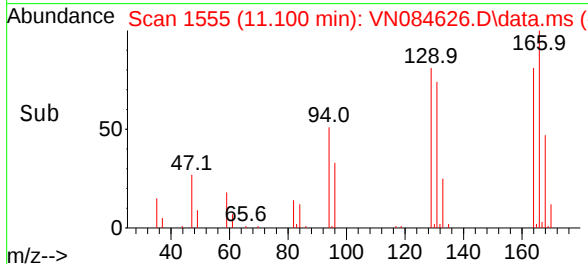
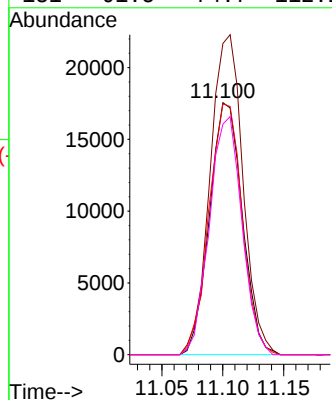
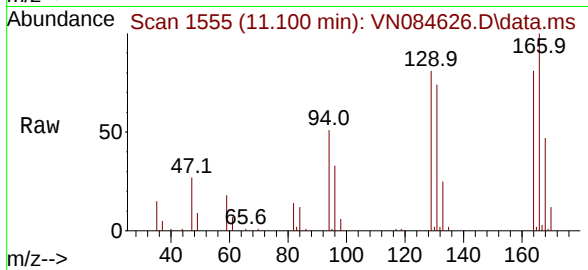




#61
Tetrachloroethene
Concen: 18.726 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

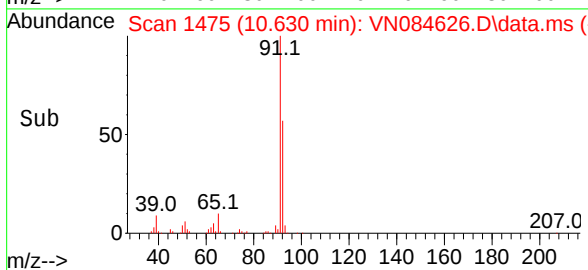
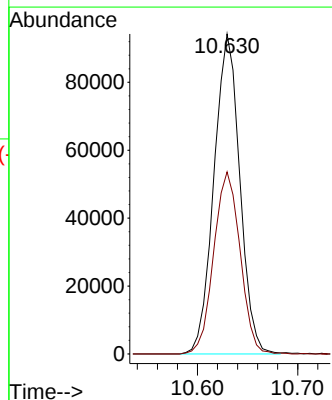
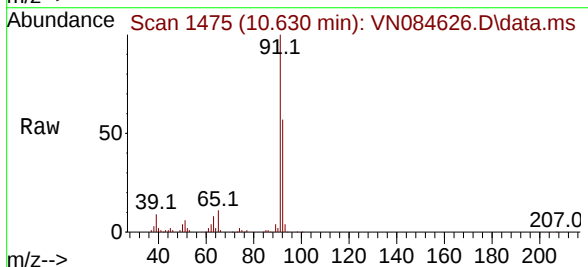
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

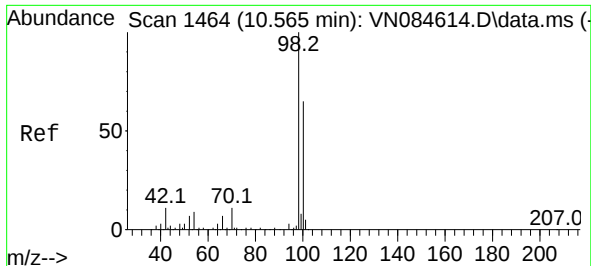
Tgt Ion:164 Resp: 32816
Ion Ratio Lower Upper
164 100
166 123.5 100.5 150.7
129 99.5 77.7 116.5
131 91.5 74.7 112.1



#62
Toluene
Concen: 17.710 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 91 Resp: 168896
Ion Ratio Lower Upper
91 100
92 57.9 47.5 71.3

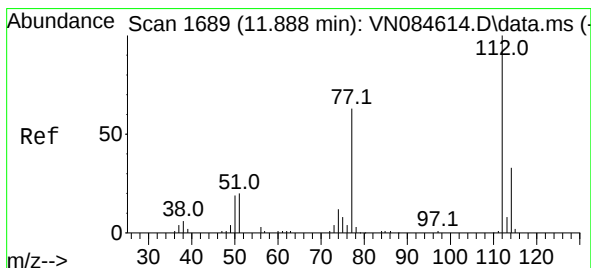
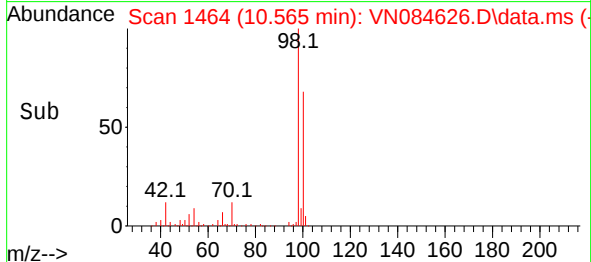
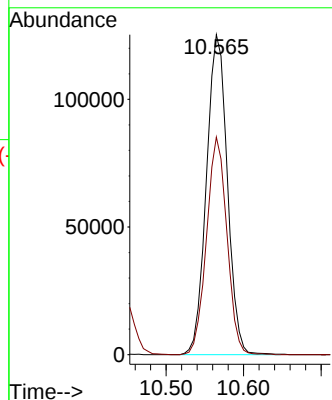
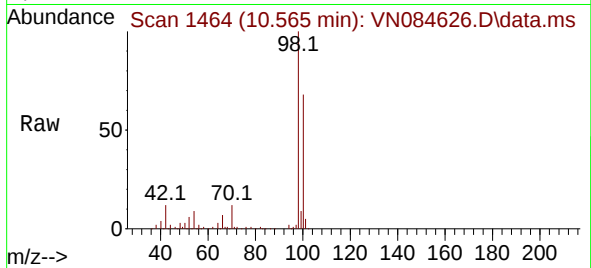




#63
Toluene-d8
Concen: 29.628 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

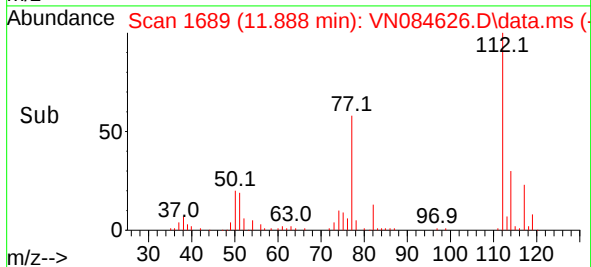
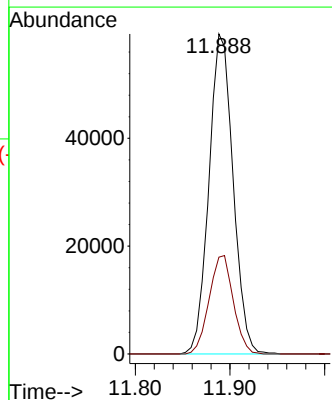
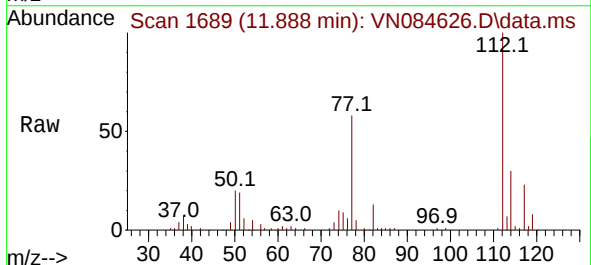
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

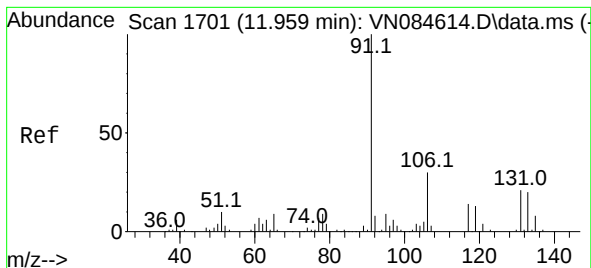
Tgt Ion: 98 Resp: 234860
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



#64
Chlorobenzene
Concen: 18.217 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion:112 Resp: 104879
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.4

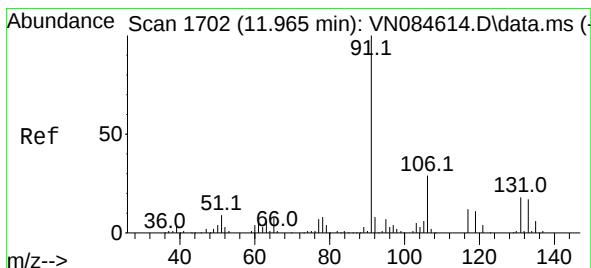
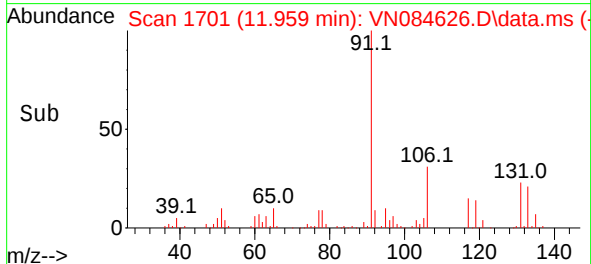
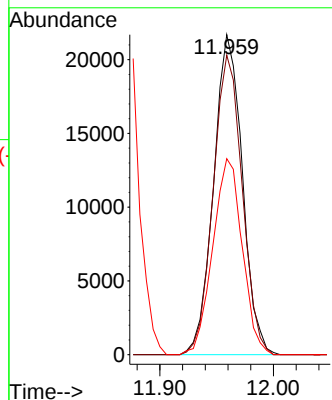
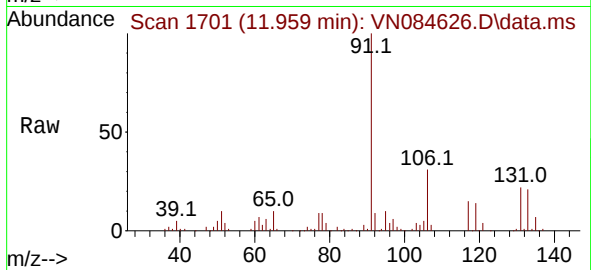




#65
1,1,1,2-Tetrachloroethane
Concen: 18.020 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

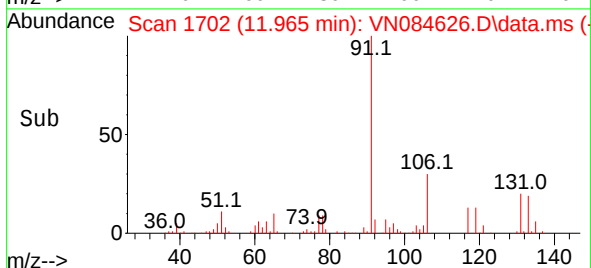
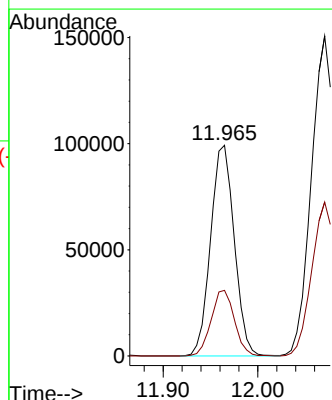
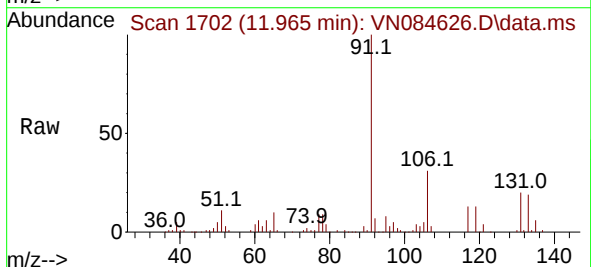
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

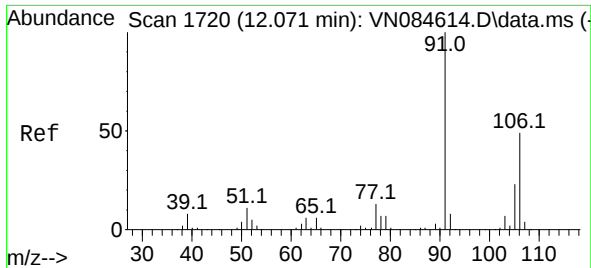
Tgt Ion:131 Resp: 38129
Ion Ratio Lower Upper
131 100
133 94.5 0.0 189.2
119 62.8 0.0 129.4



#66
Ethyl Benzene
Concen: 17.191 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 91 Resp: 172300
Ion Ratio Lower Upper
91 100
106 31.1 22.9 34.3

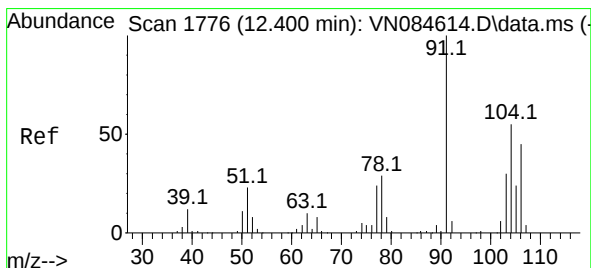
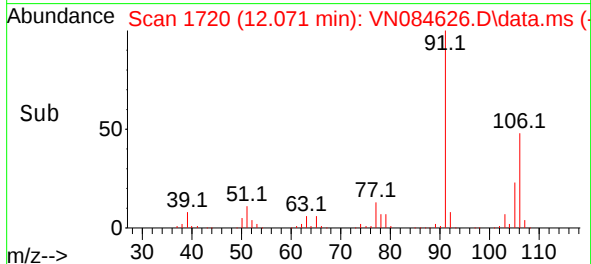
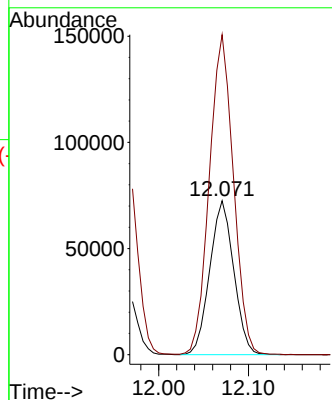
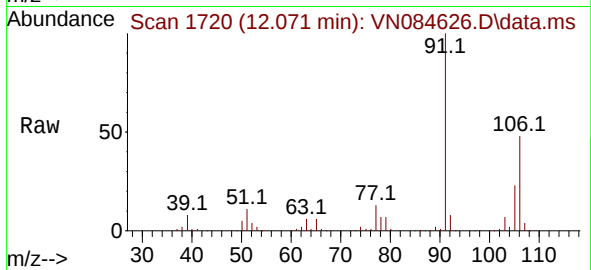




#67
m/p-Xylenes
Concen: 35.109 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

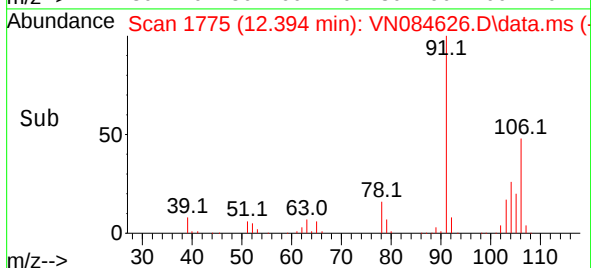
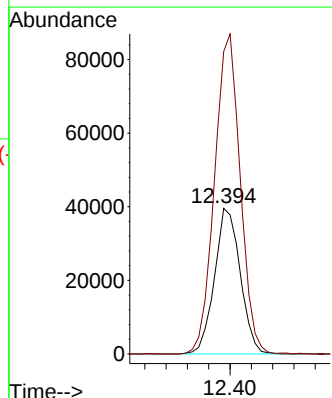
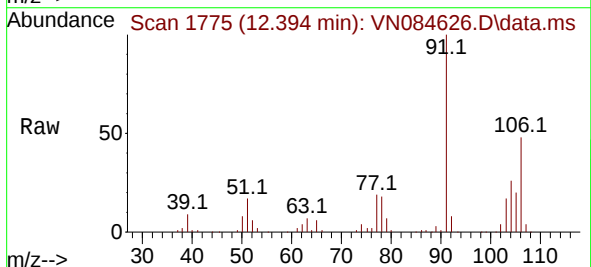
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

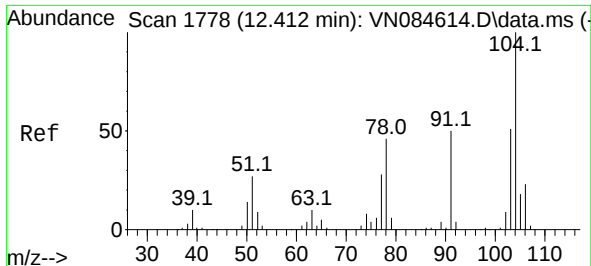
Tgt Ion:106 Resp: 134720
Ion Ratio Lower Upper
106 100
91 208.7 168.1 252.1



#68
o-Xylene
Concen: 17.890 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion:106 Resp: 66220
Ion Ratio Lower Upper
106 100
91 219.3 107.7 322.9





#69

Styrene

Concen: 17.717 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

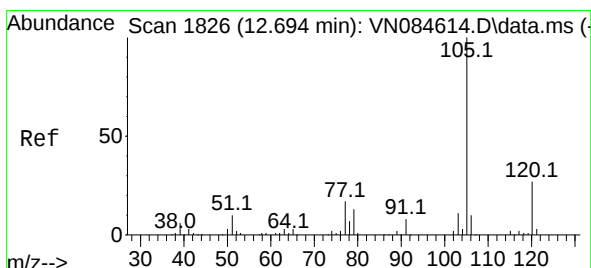
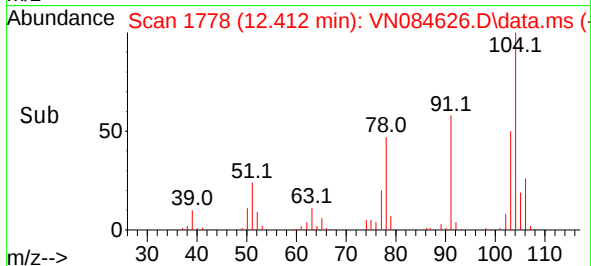
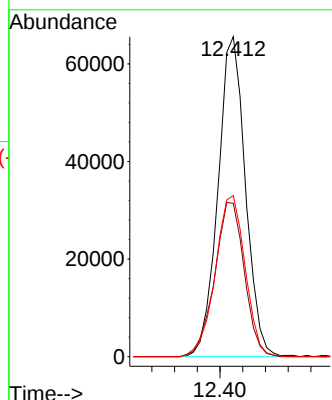
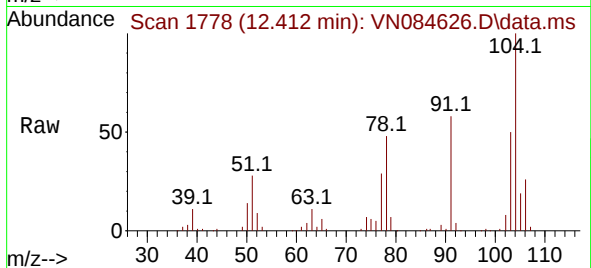
Tgt Ion:104 Resp: 109955

Ion Ratio Lower Upper

104 100

78 52.1 41.5 62.3

103 54.7 44.6 67.0



#70

Isopropylbenzene

Concen: 17.454 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084626.D

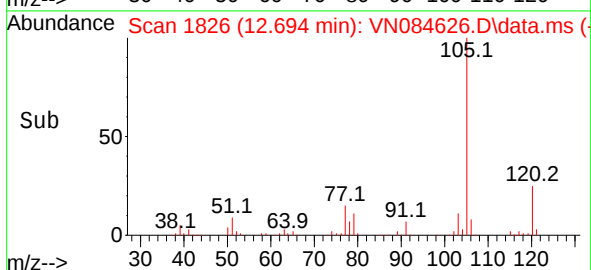
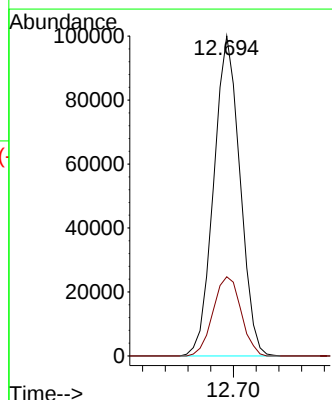
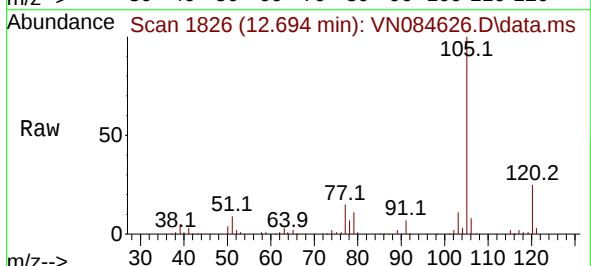
Acq: 31 Oct 2024 18:13

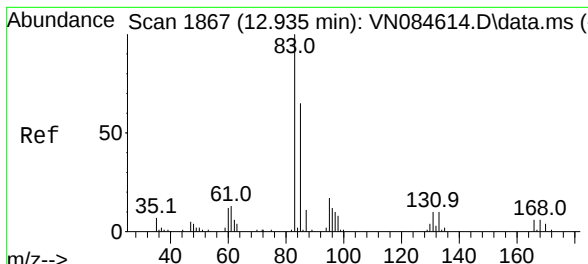
Tgt Ion:105 Resp: 160490

Ion Ratio Lower Upper

105 100

120 26.3 18.7 34.7

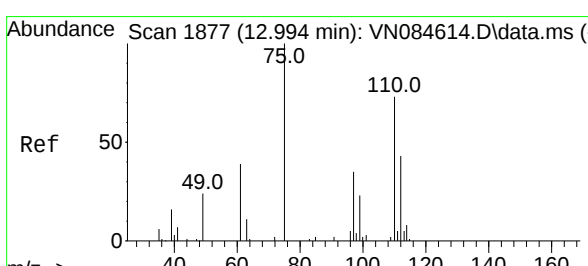
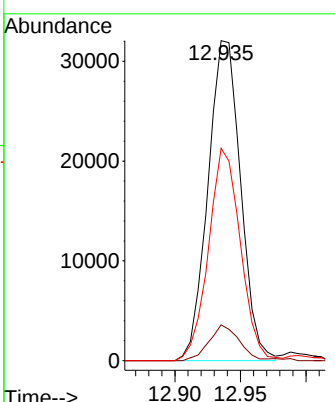
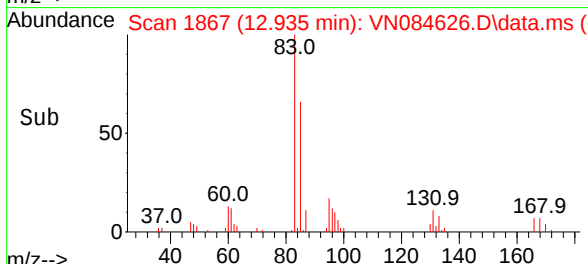
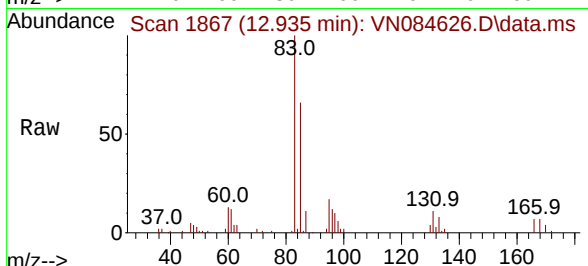




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.656 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084626.D
 Acq: 31 Oct 2024 18:13

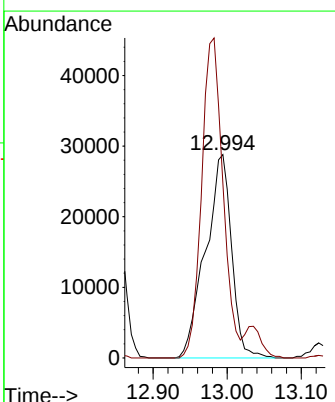
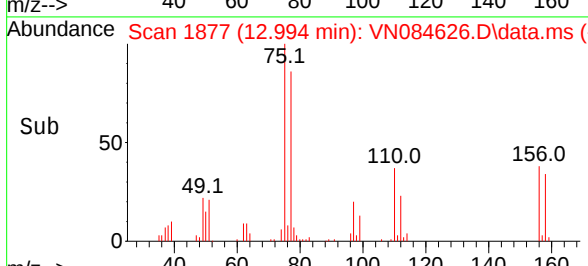
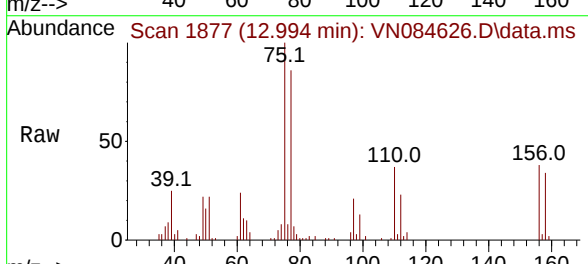
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020EC

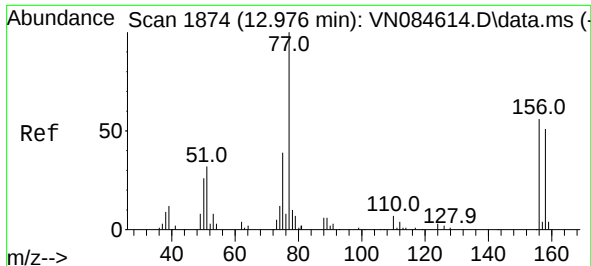
Tgt Ion:	83	Resp:	55603
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	64.7	33.3	99.9



#72
 1,2,3-Trichloropropane
 Concen: 27.608 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN084626.D
 Acq: 31 Oct 2024 18:13

Tgt Ion:	75	Resp:	70259
Ion Ratio	Lower	Upper	
75	100		
77	129.1	0.0	358.4

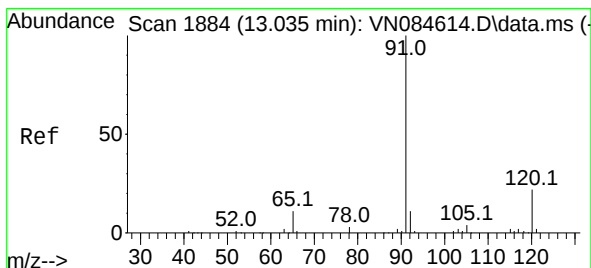
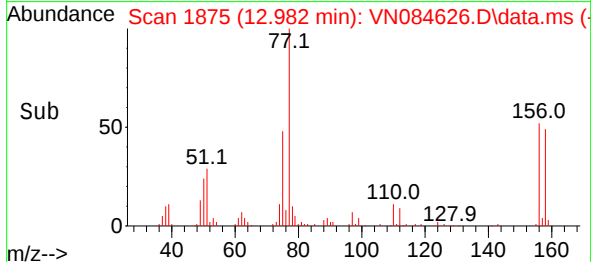
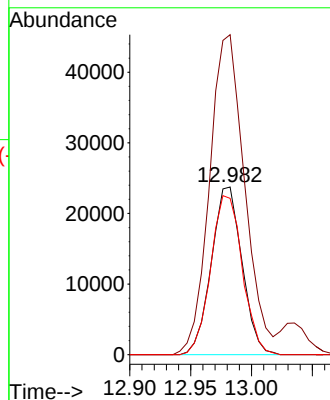
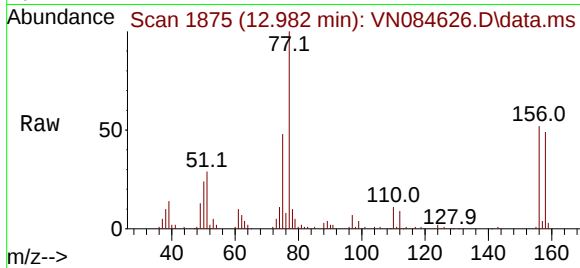




#73
Bromobenzene
Concen: 17.566 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

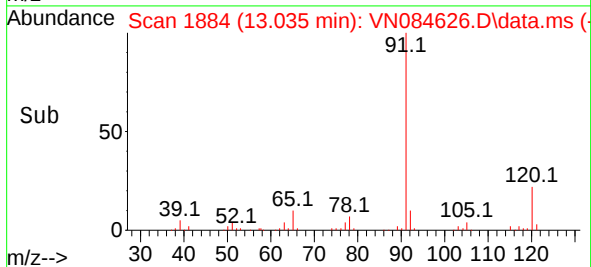
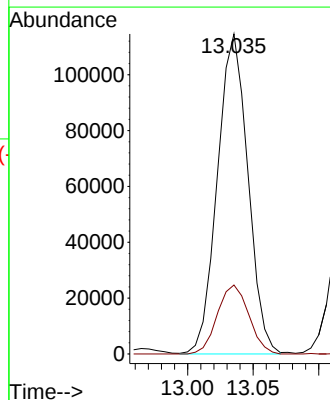
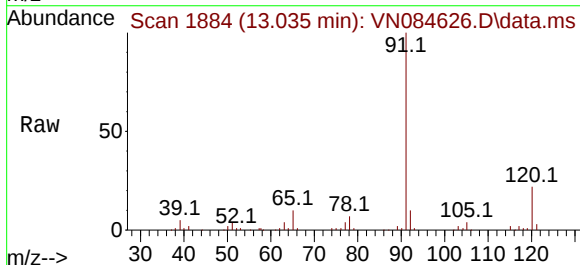
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

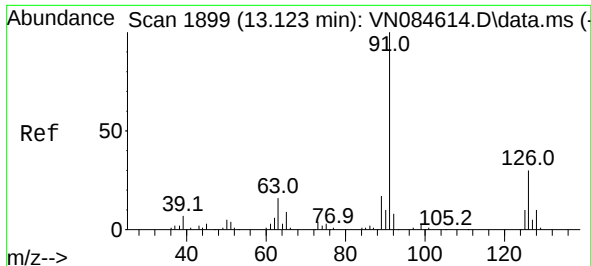
Tgt Ion:156 Resp: 41658
Ion Ratio Lower Upper
156 100
77 217.7 0.0 427.6
158 97.8 0.0 191.6



#74
n-propylbenzene
Concen: 17.237 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 91 Resp: 185339
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.0





#75

2-Chlorotoluene

Concen: 17.599 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

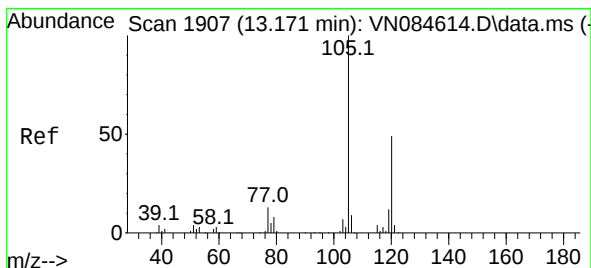
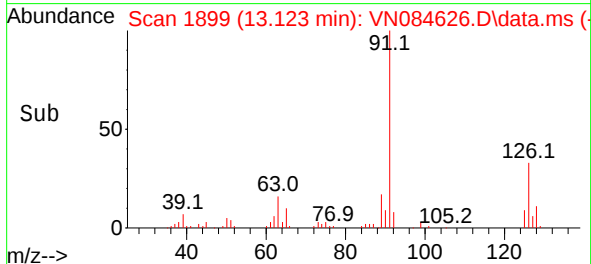
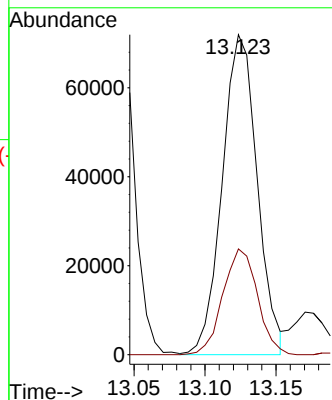
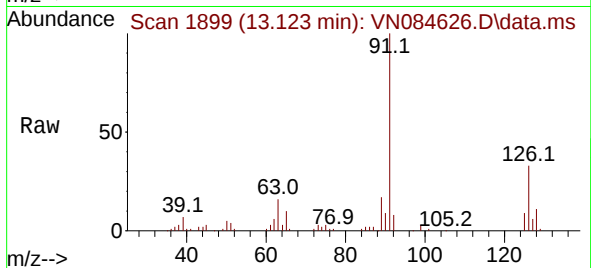
VSTDCCC020EC

Tgt Ion: 91 Resp: 123232

Ion Ratio Lower Upper

91 100

126 32.6 0.0 60.8



#76

1,3,5-Trimethylbenzene

Concen: 17.571 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084626.D

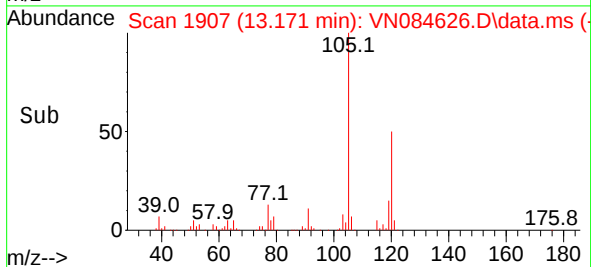
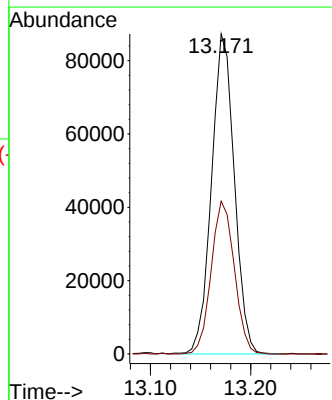
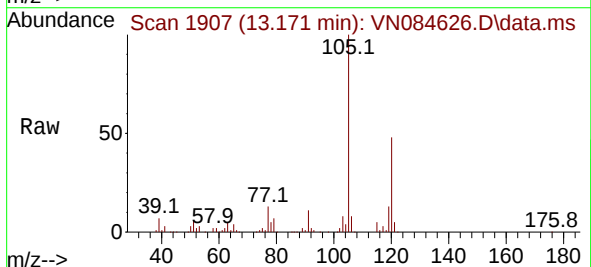
Acq: 31 Oct 2024 18:13

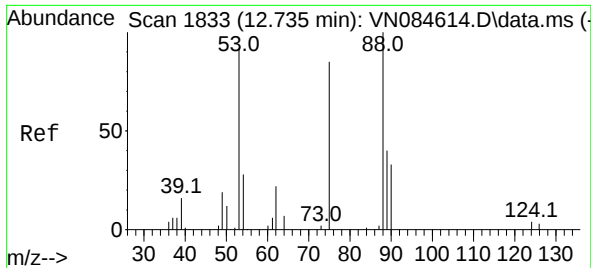
Tgt Ion:105 Resp: 138042

Ion Ratio Lower Upper

105 100

120 48.4 0.0 96.8

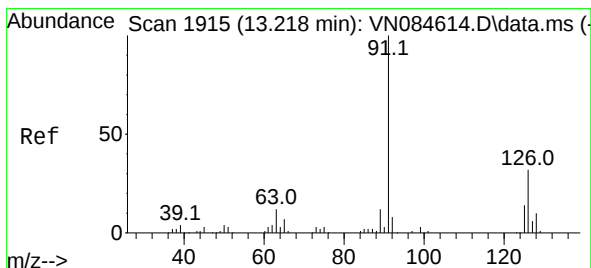
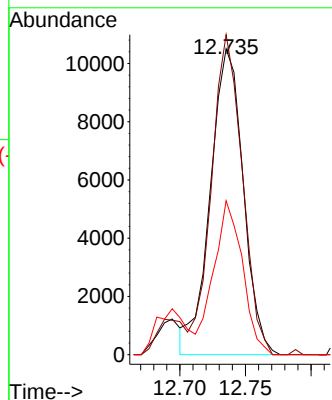
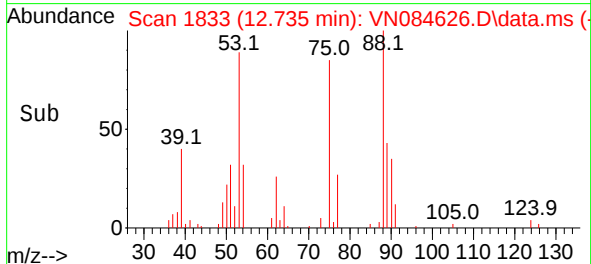
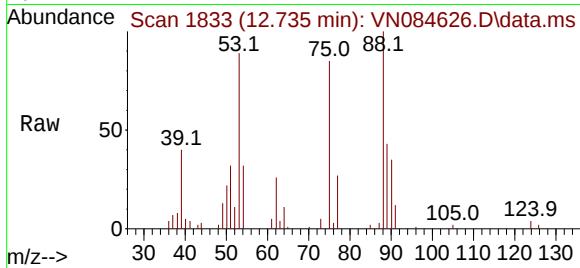




#77
t-1,4-Dichloro-2-butene
Concen: 17.601 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

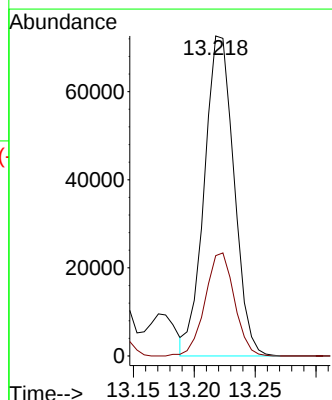
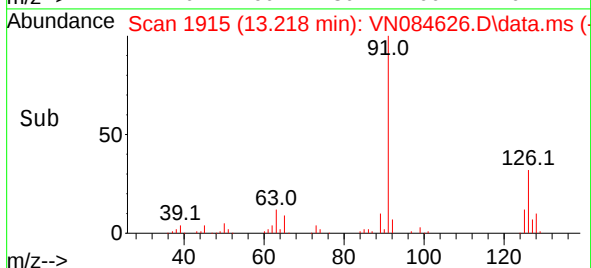
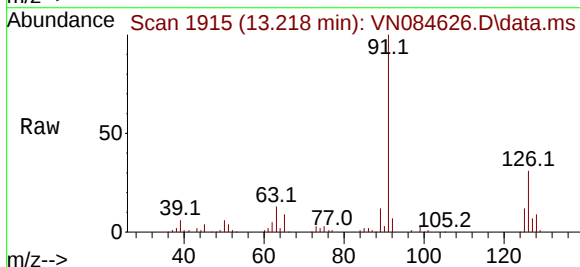
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

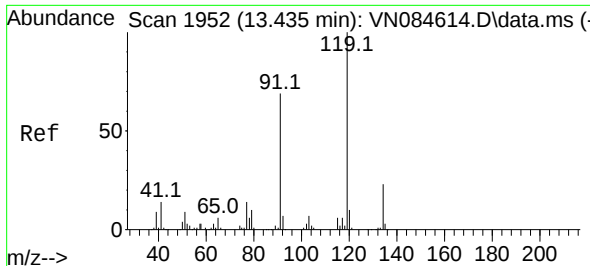
Tgt Ion: 75 Resp: 18371
Ion Ratio Lower Upper
75 100
53 104.6 52.4 157.2
89 50.3 26.0 78.0



#78
4-Chlorotoluene
Concen: 17.438 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 91 Resp: 123365
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.4





#79

tert-butylbenzene

Concen: 17.923 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

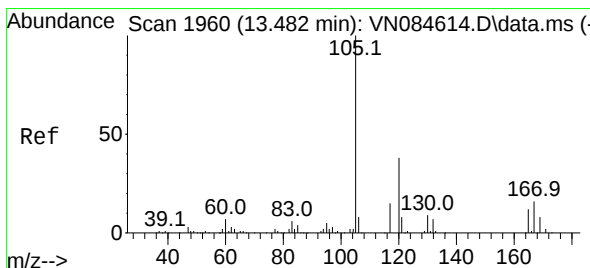
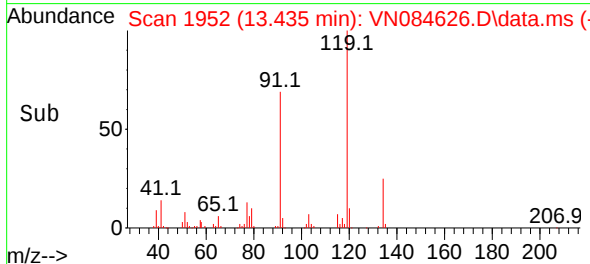
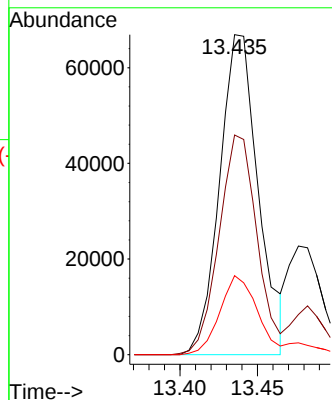
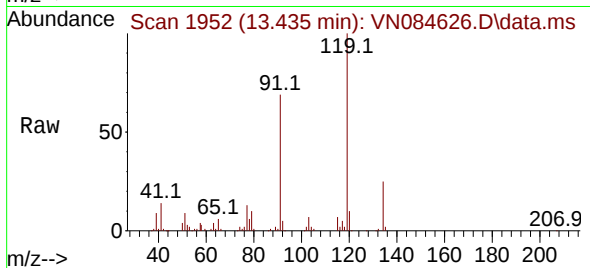
Tgt Ion:119 Resp: 116449

Ion Ratio Lower Upper

119 100

91 67.2 0.0 143.2

134 23.7 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 17.920 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084626.D

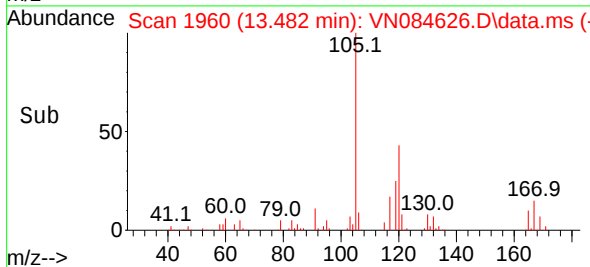
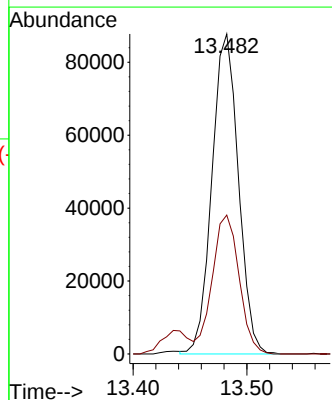
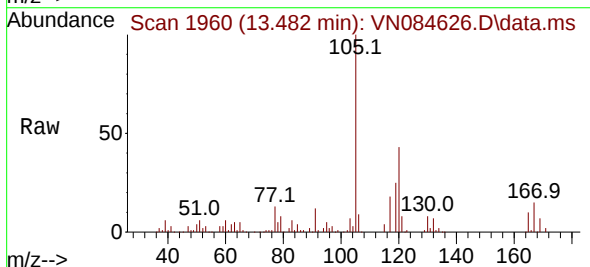
Acq: 31 Oct 2024 18:13

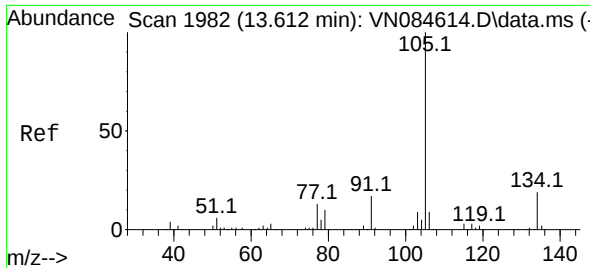
Tgt Ion:105 Resp: 142028

Ion Ratio Lower Upper

105 100

120 44.0 0.0 90.4

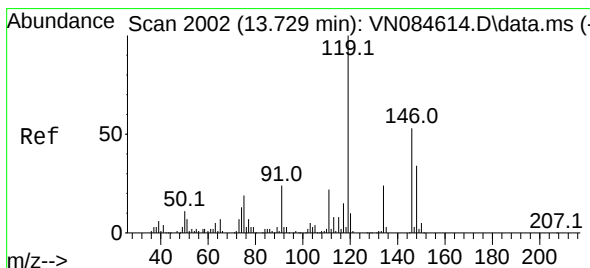
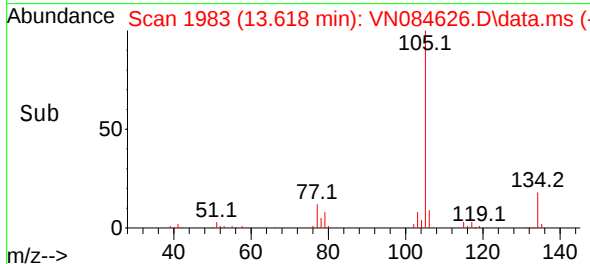
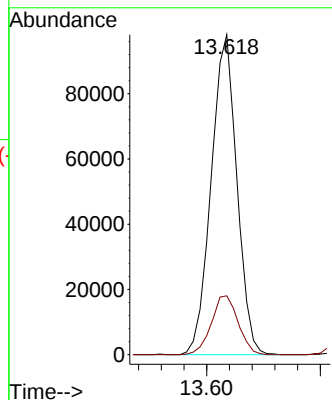
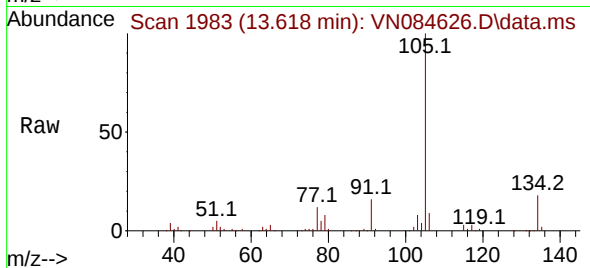




#81
 sec-Butylbenzene
 Concen: 17.211 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN084626.D
 Acq: 31 Oct 2024 18:13

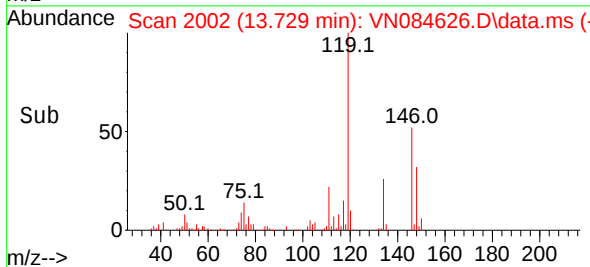
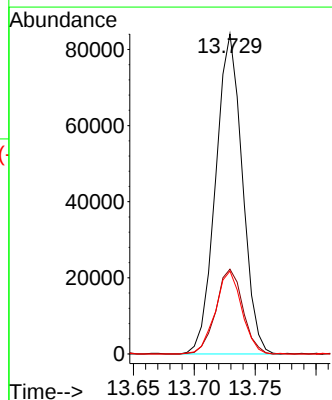
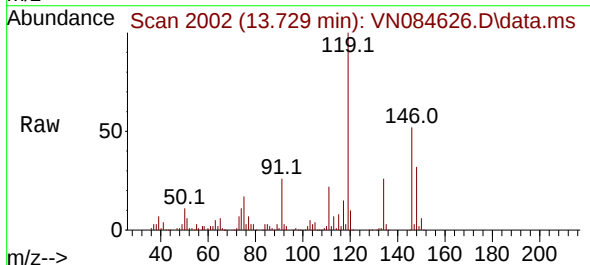
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

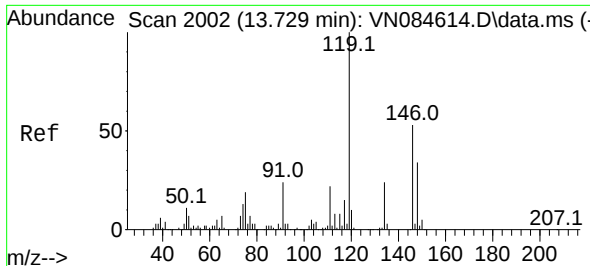
Tgt Ion:105 Resp: 154082
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 17.052 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084626.D
 Acq: 31 Oct 2024 18:13

Tgt Ion:119 Resp: 128271
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.4
 91 25.6 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 17.500 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

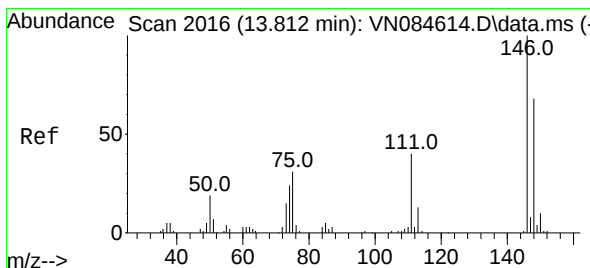
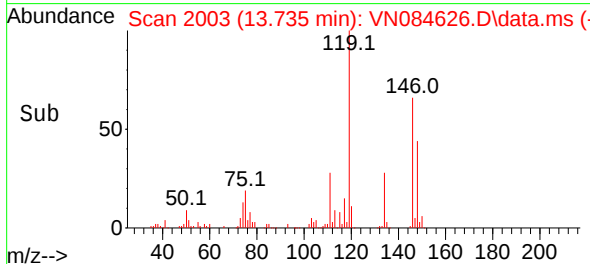
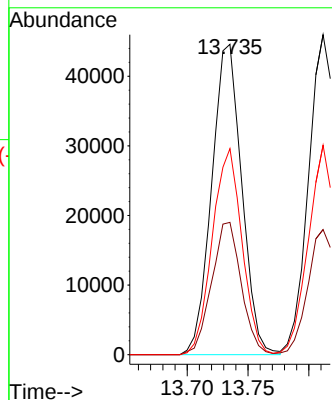
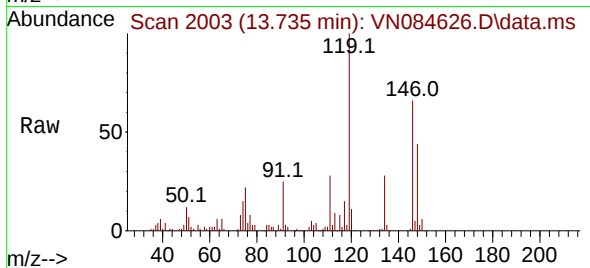
Tgt Ion:146 Resp: 76754

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 65.3 31.3 93.8



#84

1,4-Dichlorobenzene

Concen: 17.420 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

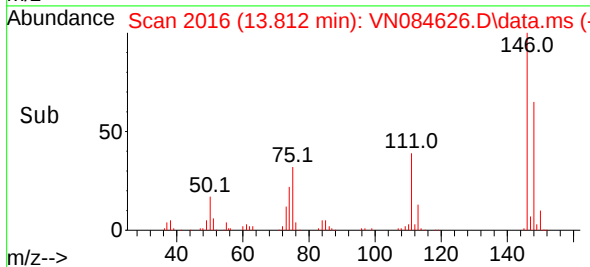
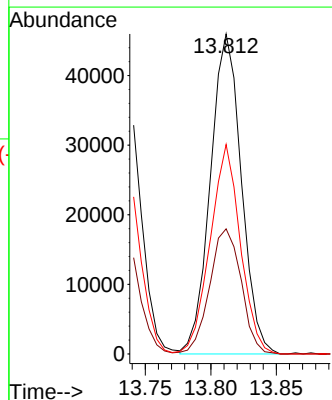
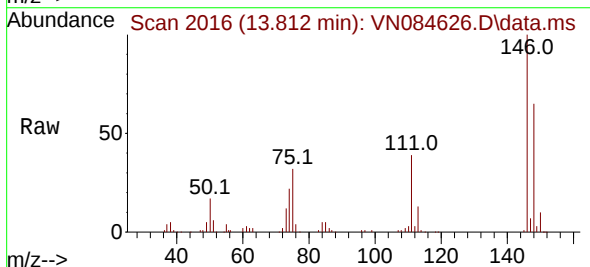
Tgt Ion:146 Resp: 75499

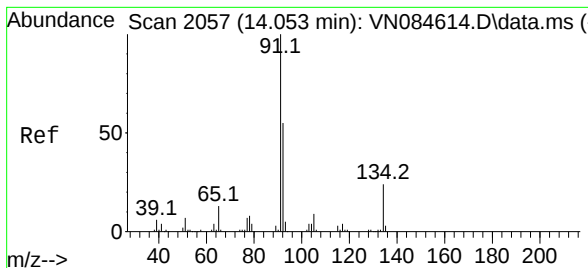
Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.5

148 63.8 32.6 98.0

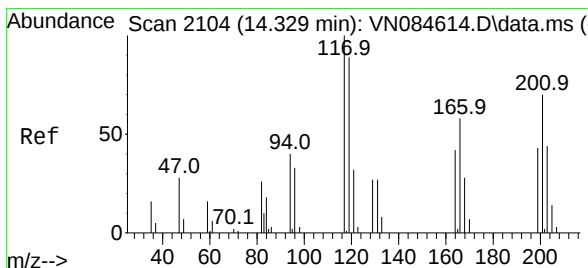
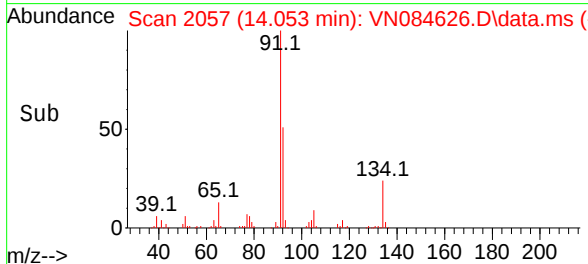
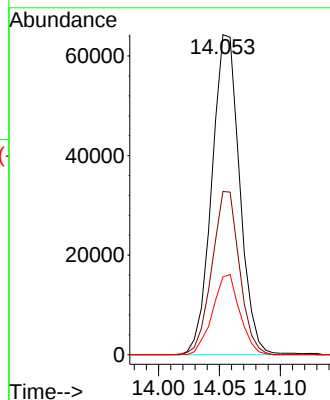
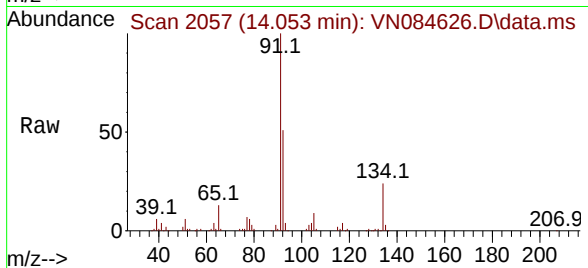




#85
n-Butylbenzene
Concen: 16.167 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

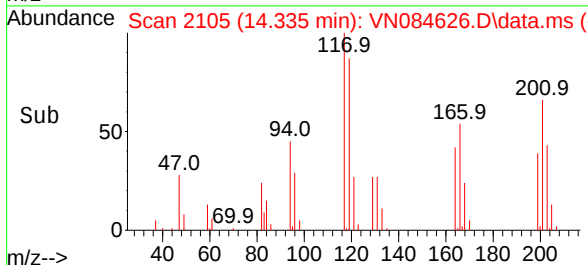
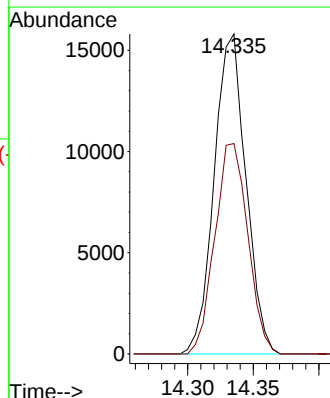
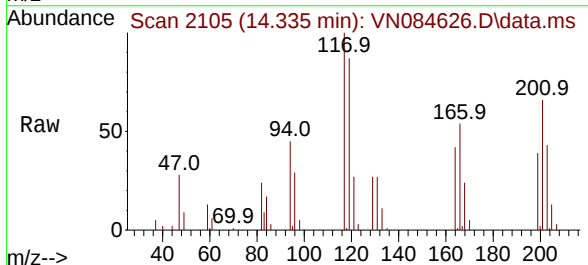
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

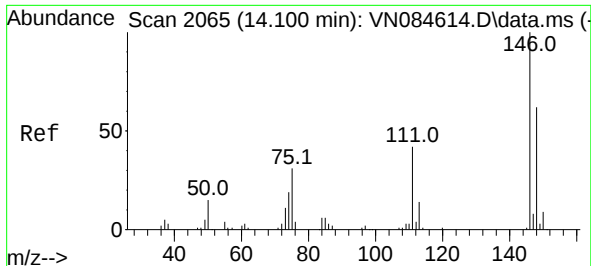
Tgt Ion: 91 Resp: 102140
Ion Ratio Lower Upper
91 100
92 50.4 0.0 106.2
134 24.5 0.0 48.2



#86
Hexachloroethane
Concen: 17.280 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion: 117 Resp: 26584
Ion Ratio Lower Upper
117 100
201 68.4 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 17.894 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

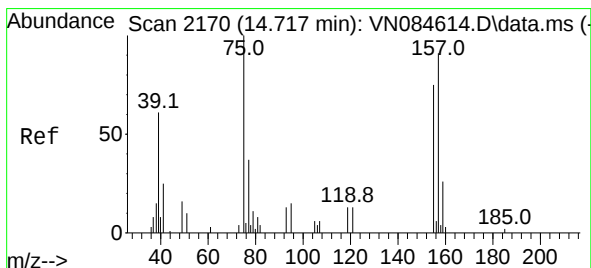
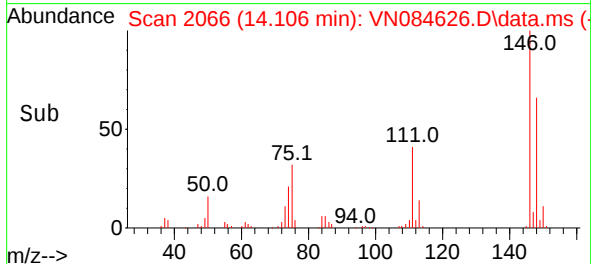
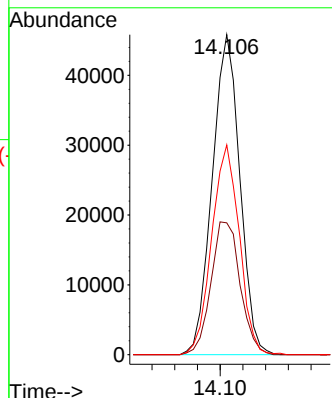
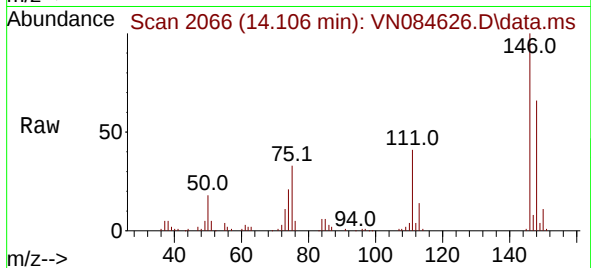
Tgt Ion:146 Resp: 77338

Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.0

148 65.5 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.394 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

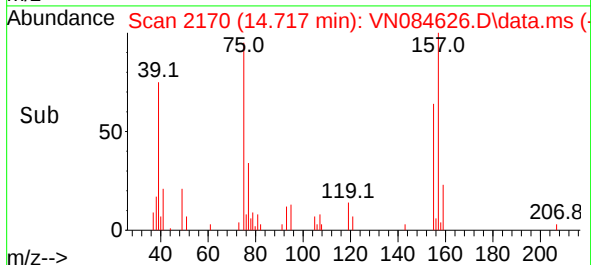
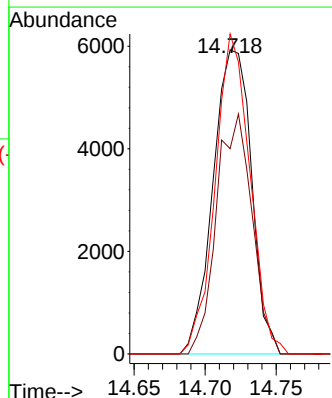
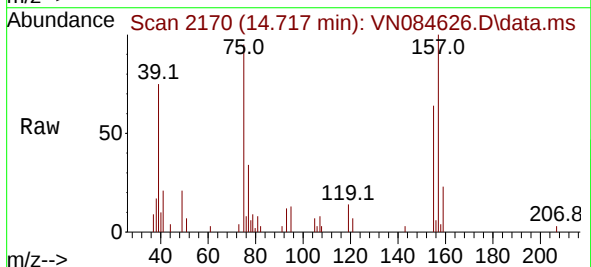
Tgt Ion: 75 Resp: 11153

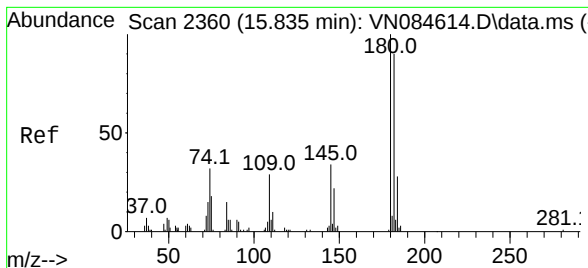
Ion Ratio Lower Upper

75 100

155 73.1 61.8 92.6

157 95.3 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 16.266 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

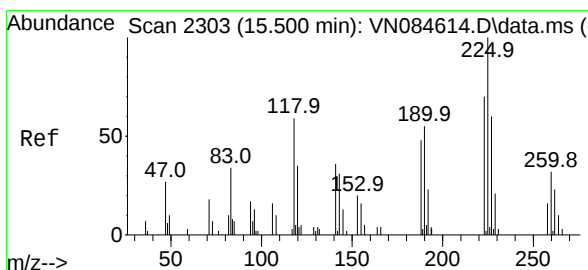
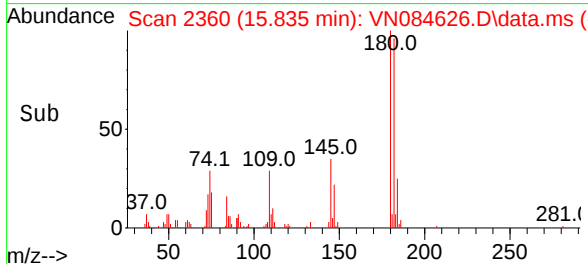
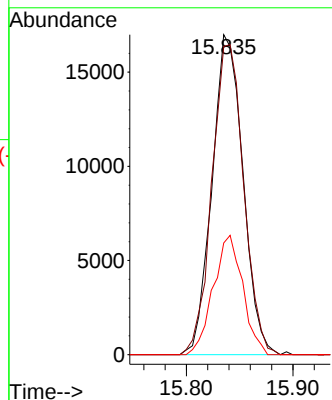
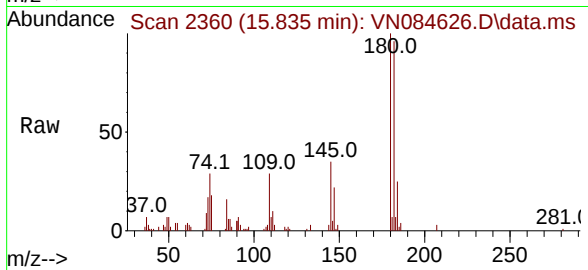
Tgt Ion:180 Resp: 34231

Ion Ratio Lower Upper

180 100

182 99.3 73.0 109.6

145 35.5 26.5 39.7



#90

Hexachlorobutadiene

Concen: 16.796 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084626.D

Acq: 31 Oct 2024 18:13

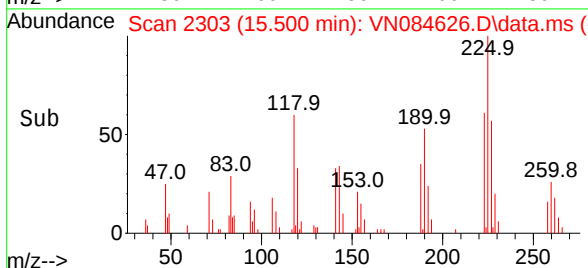
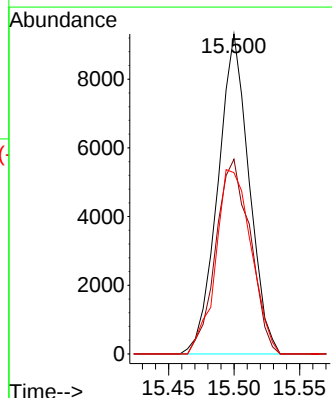
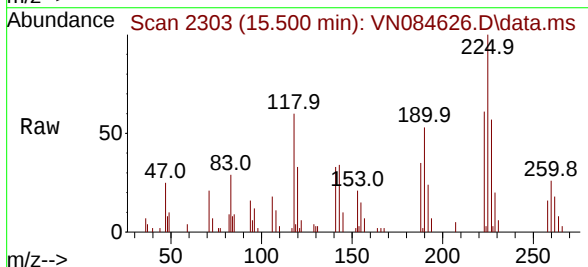
Tgt Ion:225 Resp: 15440

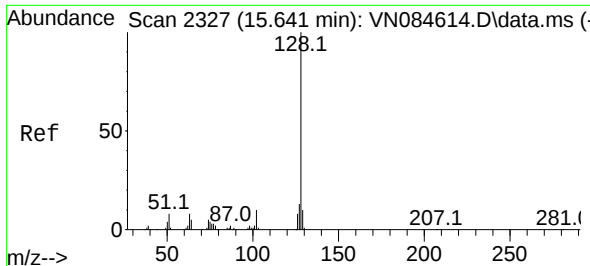
Ion Ratio Lower Upper

225 100

223 66.8 0.0 138.8

227 65.4 0.0 123.2

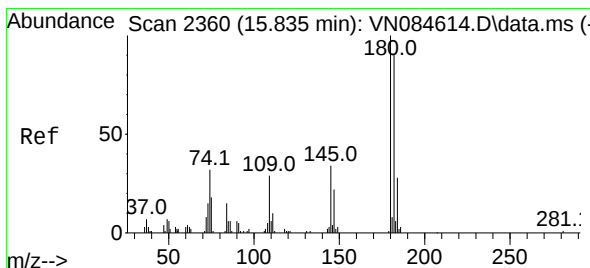
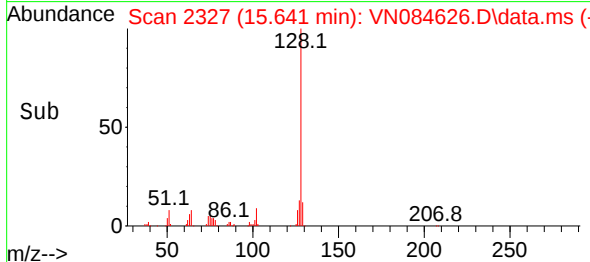
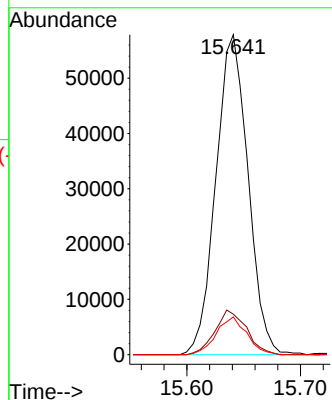
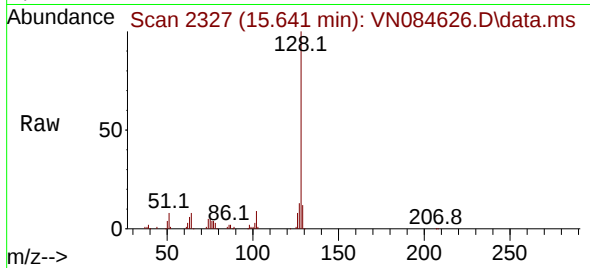




#91
Naphthalene
Concen: 16.885 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 113480
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.2 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 16.266 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084626.D
Acq: 31 Oct 2024 18:13

Tgt Ion:180 Resp: 34231
Ion Ratio Lower Upper
180 100
182 99.3 0.0 182.6
145 35.5 0.0 66.2

