

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084355.D
 Acq On : 08 Oct 2024 17:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 09 02:33:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	30470	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	162746	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	149621	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73291	29.877	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.600%
60) 4-Bromofluorobenzene	12.847	95	73092	29.600	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.667%
63) Toluene-d8	10.565	98	213083	30.742	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.467%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	35240	18.943	ug/l	100
3) Chloromethane	2.365	50	41063	19.397	ug/l	98
4) Vinyl Chloride	2.518	62	40626	19.569	ug/l	100
5) Bromomethane	2.959	94	21858	15.891	ug/l	96
6) Chloroethane	3.124	64	25512	18.745	ug/l	97
7) Trichlorofluoromethane	3.500	101	65171	19.272	ug/l	91
8) Diethyl Ether	3.959	74	22942	18.453	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	37732	19.845	ug/l	96
10) 1,1-Dichloroethene	4.342	96	35573	18.750	ug/l	96
11) Methyl Iodide	4.589	142	31458	12.617	ug/l	93
12) Methyl Acetate	5.030	43	41242	17.364	ug/l	96
13) Acrolein	4.183	56	40008	90.677	ug/l	98
14) Acrylonitrile	5.718	53	91007	85.286	ug/l	98
15) Acetone	4.424	58	30176	98.996	ug/l	95
16) Carbon Disulfide	4.718	76	103309	18.286	ug/l	98
17) Allyl chloride	5.024	41	55751	18.128	ug/l	97
18) Methylene Chloride	5.283	84	40734	19.059	ug/l	98
19) trans-1,2-Dichloroethene	5.789	96	37724	18.788	ug/l	95
20) Diisopropyl ether	6.677	45	130765	19.775	ug/l	98
21) 1,1-Dichloroethane	6.571	63	73212	19.296	ug/l	99
22) cis-1,2-Dichloroethene	7.488	96	45294	19.385	ug/l	98
23) tert-Butyl Alcohol	5.518	59	30347	74.143	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	119367	18.827	ug/l #	84
25) Chloroform	7.965	83	76828	19.993	ug/l	96
26) Cyclohexane	8.253	56	57088	17.990	ug/l #	92
29) 1,1-Dichloropropene	8.365	75	51372	19.229	ug/l	99
30) 2-Butanone	7.482	43	125484	88.219	ug/l	99
31) 2,2-Dichloropropane	7.488	77	63562	20.246	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	69017	20.211	ug/l	98
33) Carbon Tetrachloride	8.365	117	58948	19.926	ug/l	97
34) Benzene	8.606	78	167176	19.990	ug/l	97
35) Methacrylonitrile	7.777	41	28254	18.619	ug/l	97
36) 1,2-Dichloroethane	8.671	62	55376	19.865	ug/l	98
37) Trichloroethene	9.353	130	36961	19.193	ug/l	97
38) Methylcyclohexane	9.606	83	54770	18.664	ug/l	99
39) 1,2-Dichloropropane	9.624	63	40203	19.714	ug/l	99
40) Dibromomethane	9.706	93	28490	19.989	ug/l	99
41) Bromodichloromethane	9.888	83	59651	19.714	ug/l	89
42) Vinyl Acetate	6.606	43	457941	92.569	ug/l	99

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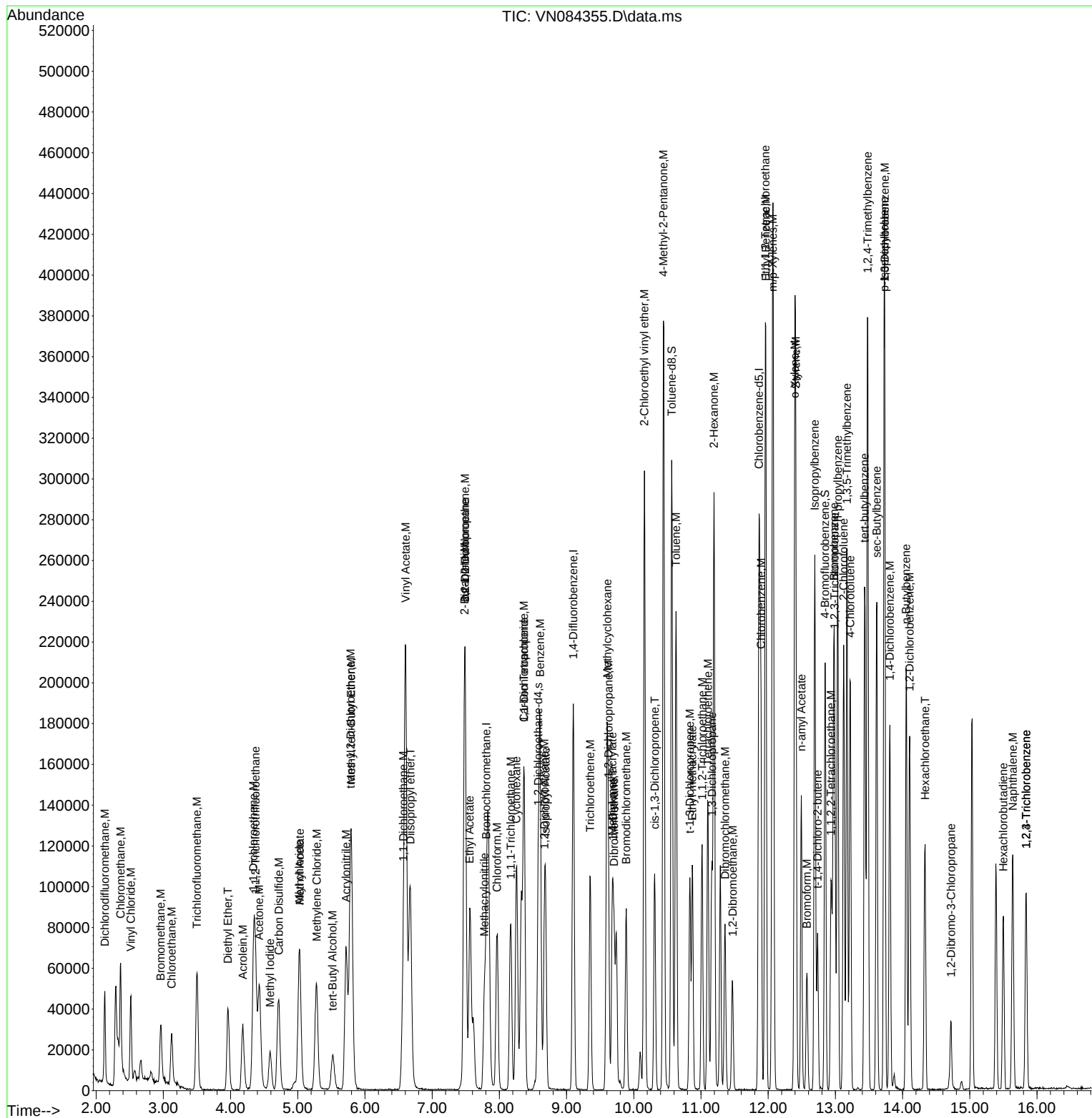
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	52269	18.632	ug/l	98
44) Isopropyl Acetate	8.688	43	86201	18.774	ug/l	100
45) 1,4-Dioxane	9.694	88	14005	338.358	ug/l	97
46) Methyl methacrylate	9.682	41	40372	18.198	ug/l	98
47) n-amyl Acetate	12.494	43	74707	18.292	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	58691	18.771	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	63988	19.527	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	38158	19.918	ug/l	95
51) Ethyl methacrylate	10.871	69	56920	17.987	ug/l	92
52) 1,3-Dichloropropane	11.165	76	66001	19.703	ug/l	98
53) Dibromochloromethane	11.359	129	43566	19.250	ug/l	97
54) 1,2-Dibromoethane	11.470	107	37904	19.221	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	133068	92.716	ug/l	100
56) Bromoform	12.576	173	28307	18.859	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	256151	91.903	ug/l	99
59) 2-Hexanone	11.194	43	186516	90.056	ug/l	97
61) Tetrachloroethene	11.106	164	32918	19.450	ug/l	94
62) Toluene	10.629	91	178118	20.335	ug/l	97
64) Chlorobenzene	11.894	112	107308	19.687	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	38273	20.212	ug/l	99
66) Ethyl Benzene	11.965	91	181819	19.106	ug/l	99
67) m/p-Xylenes	12.070	106	142977	39.605	ug/l	100
68) o-Xylene	12.394	106	66635	19.150	ug/l	96
69) Styrene	12.412	104	115373	19.314	ug/l	100
70) Isopropylbenzene	12.694	105	168131	18.927	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.935	83	54147	19.704	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	66484	28.249	ug/l	57
73) Bromobenzene	12.982	156	42285	19.655	ug/l	97
74) n-propylbenzene	13.035	91	203271	19.202	ug/l	100
75) 2-Chlorotoluene	13.123	91	129200	19.641	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	145959	19.514	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	17262	17.164	ug/l	94
78) 4-Chlorotoluene	13.223	91	130078	19.450	ug/l	99
79) tert-butylbenzene	13.435	119	120931	18.951	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	147293	19.408	ug/l	98
81) sec-Butylbenzene	13.617	105	168977	19.234	ug/l	99
82) p-Isopropyltoluene	13.729	119	137240	18.560	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	77193	19.297	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	73656	18.542	ug/l	99
85) n-Butylbenzene	14.053	91	114099	17.816	ug/l	100
86) Hexachloroethane	14.335	117	27070	19.002	ug/l	93
87) 1,2-Dichlorobenzene	14.106	146	73802	19.082	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9795	17.430	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	33101	16.461	ug/l	99
90) Hexachlorobutadiene	15.500	225	15757	16.938	ug/l	97
91) Naphthalene	15.641	128	106388	15.612	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	33101	16.461	ug/l	99

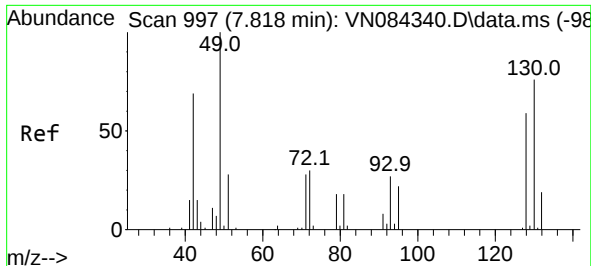
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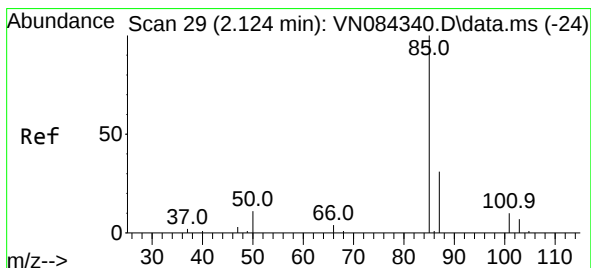
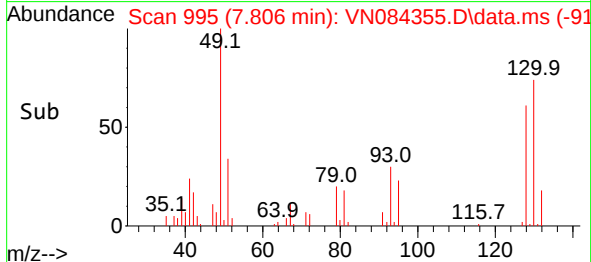
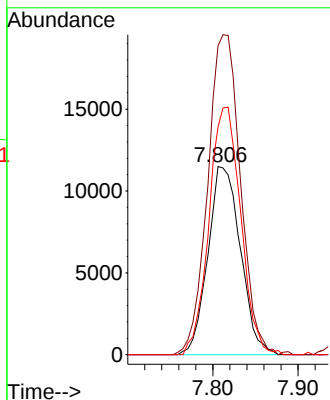
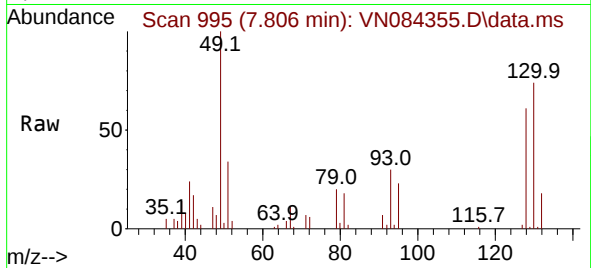




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN084355.D
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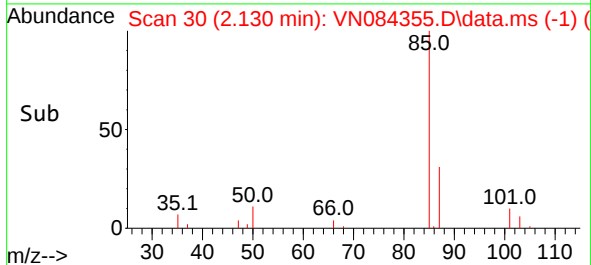
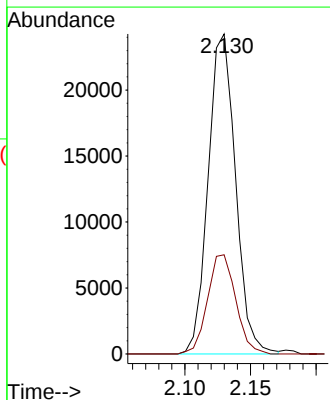
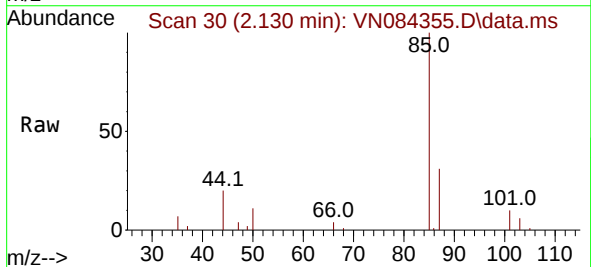
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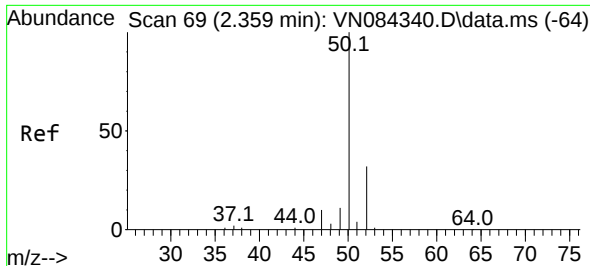
Tgt Ion:128 Resp: 30470
Ion Ratio Lower Upper
128 100
49 171.1 0.0 430.0
130 128.3 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 18.943 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 85 Resp: 35240
Ion Ratio Lower Upper
85 100
87 31.0 15.4 46.4

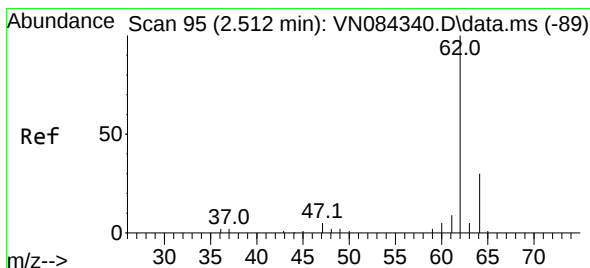
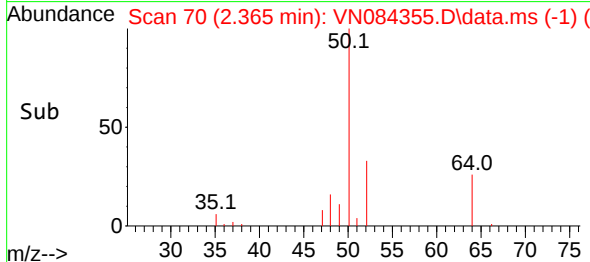
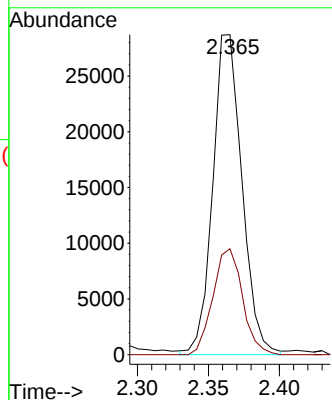
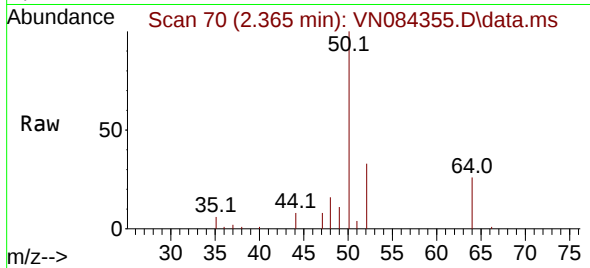




#3
Chloromethane
Concen: 19.397 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

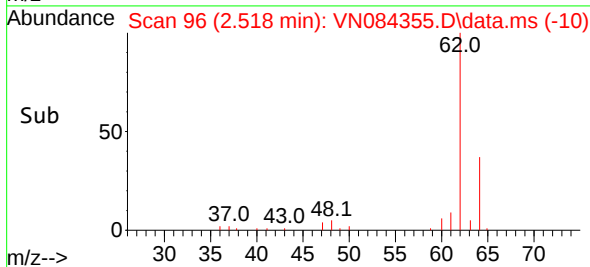
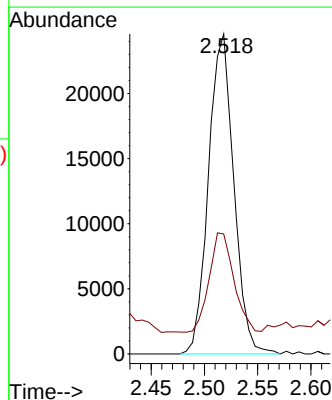
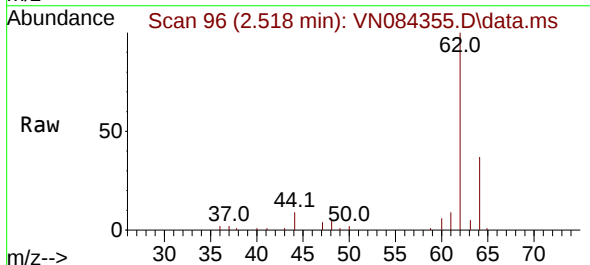
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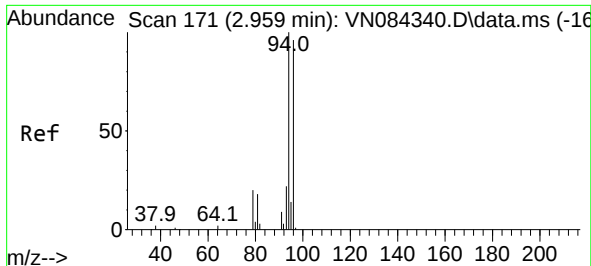
Tgt Ion: 50 Resp: 41063
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.6



#4
Vinyl Chloride
Concen: 19.569 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 62 Resp: 40626
Ion Ratio Lower Upper
62 100
64 30.6 24.3 36.5

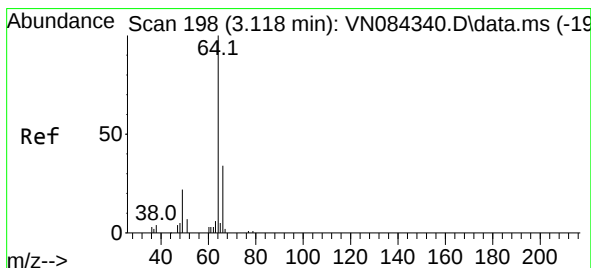
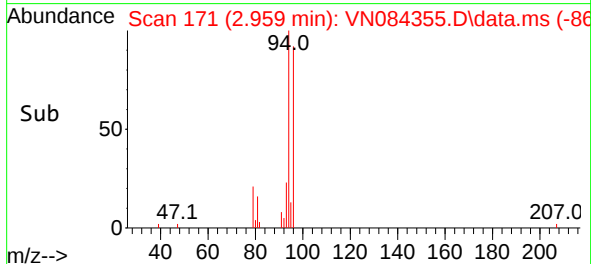
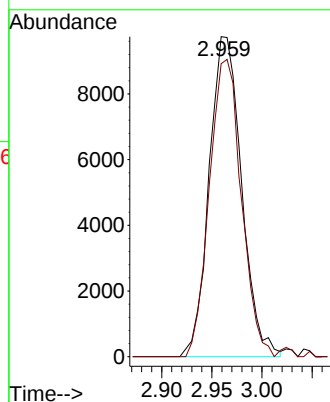
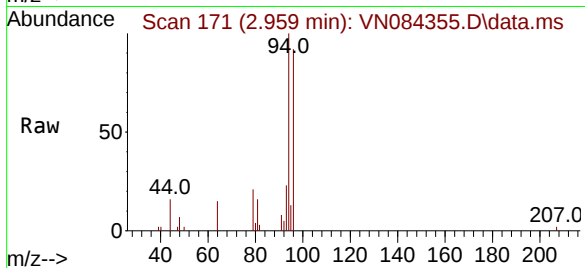




#5
Bromomethane
Concen: 15.891 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

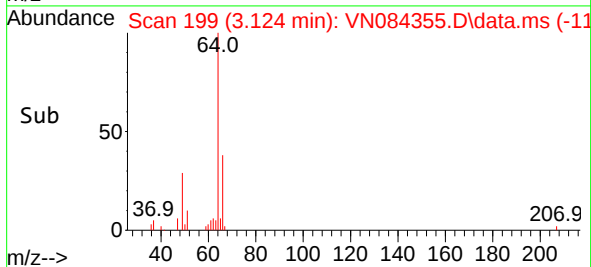
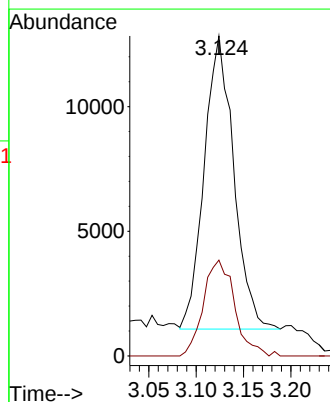
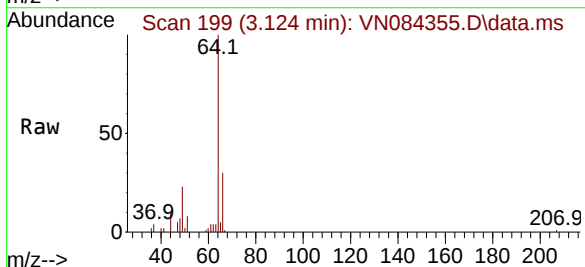
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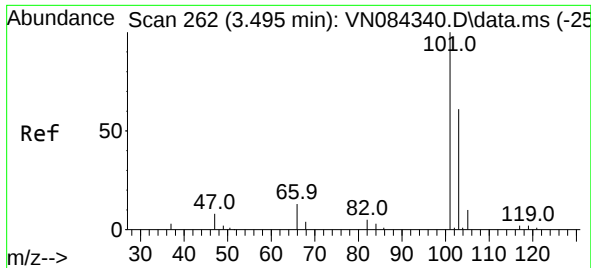
Tgt Ion: 94 Resp: 21858
Ion Ratio Lower Upper
94 100
96 91.6 76.7 115.1



#6
Chloroethane
Concen: 18.745 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 64 Resp: 25512
Ion Ratio Lower Upper
64 100
66 32.7 27.7 41.5

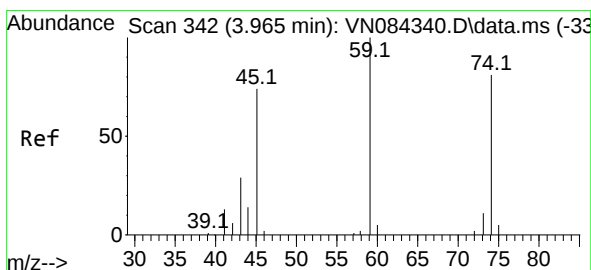
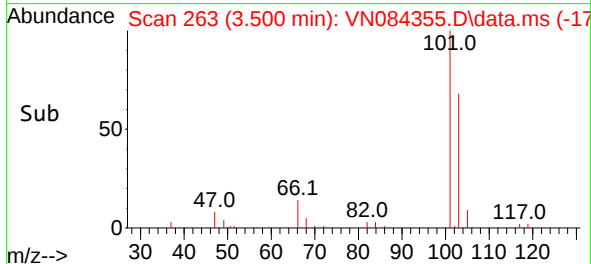
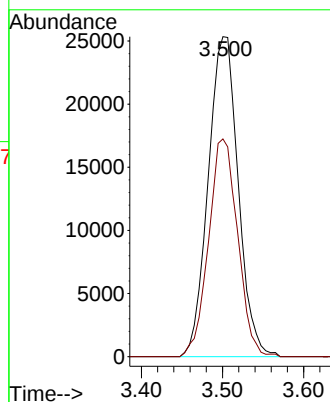
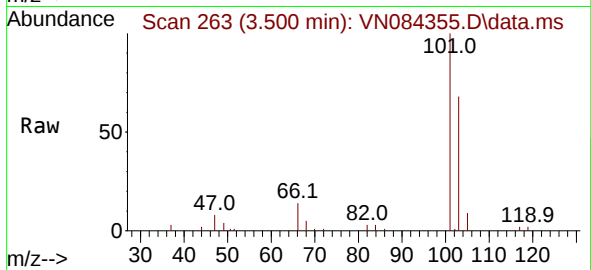




#7
Trichlorofluoromethane
Concen: 19.272 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
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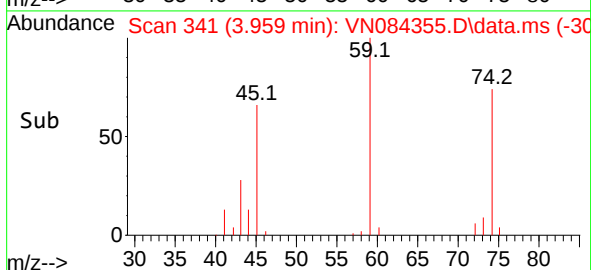
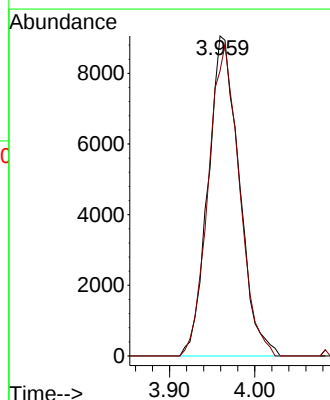
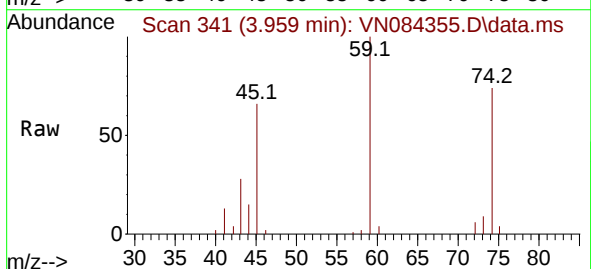
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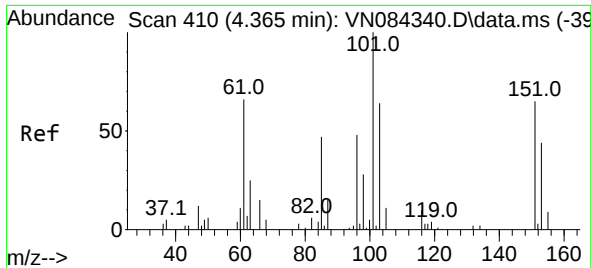
Tgt Ion:101 Resp: 65171
Ion Ratio Lower Upper
101 100
103 68.1 49.0 73.6



#8
Diethyl Ether
Concen: 18.453 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 74 Resp: 22942
Ion Ratio Lower Upper
74 100
45 97.3 19.2 173.2

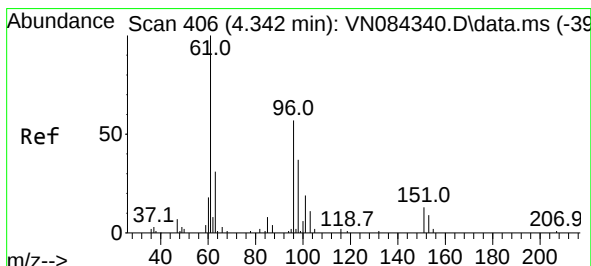
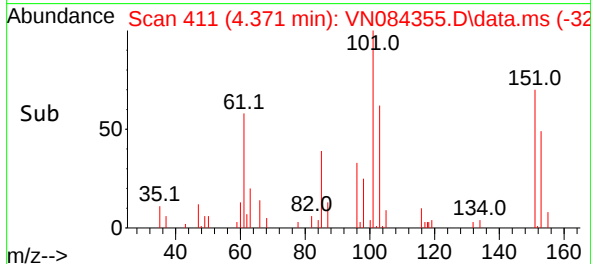
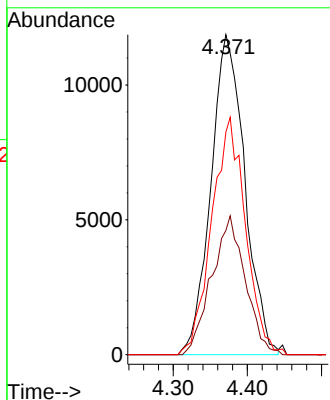
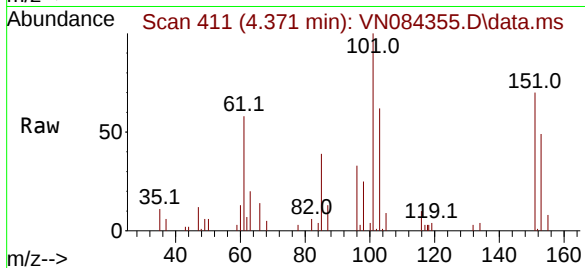




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.845 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
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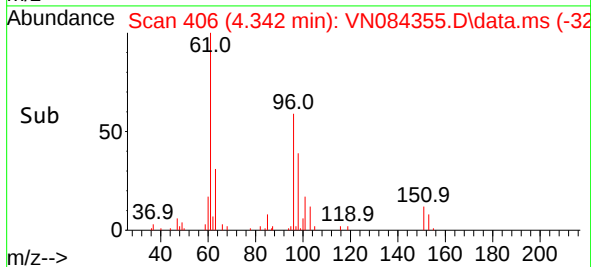
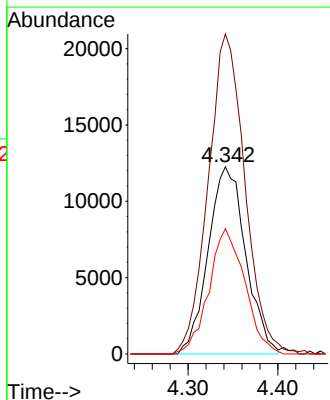
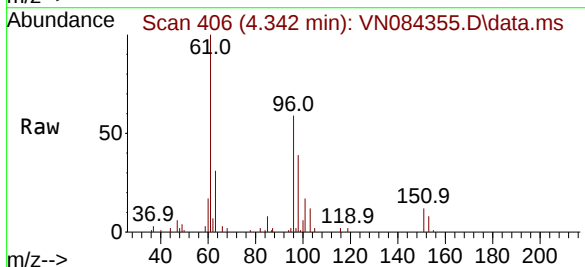
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 VSTDCCC020EC

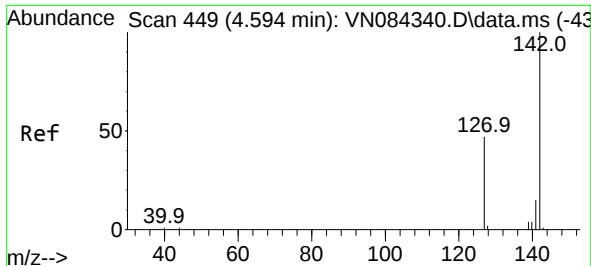
Tgt Ion:101 Resp: 37732
 Ion Ratio Lower Upper
 101 100
 85 43.0 0.0 93.6
 151 73.7 0.0 151.8



#10
 1,1-Dichloroethene
 Concen: 18.750 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

Tgt Ion: 96 Resp: 35573
 Ion Ratio Lower Upper
 96 100
 61 168.2 140.8 211.2
 98 65.7 52.2 78.2

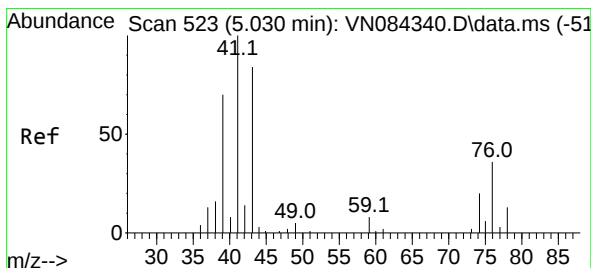
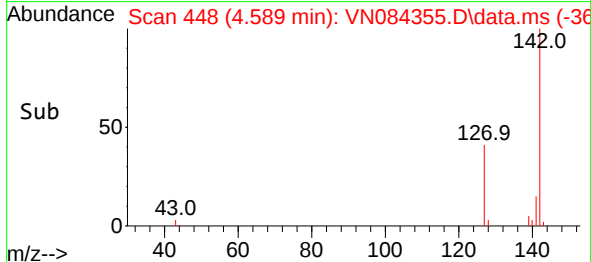
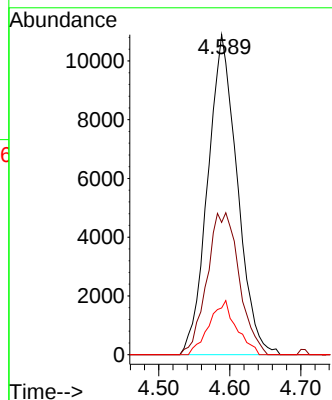
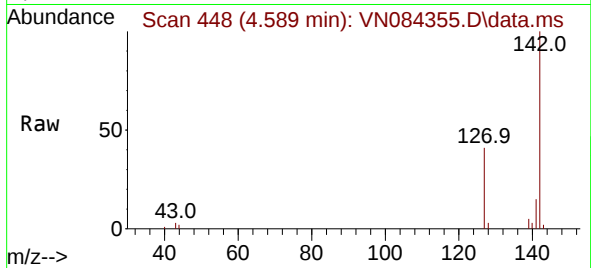




#11
Methyl Iodide
Concen: 12.617 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

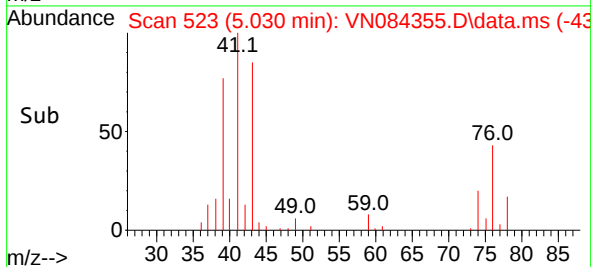
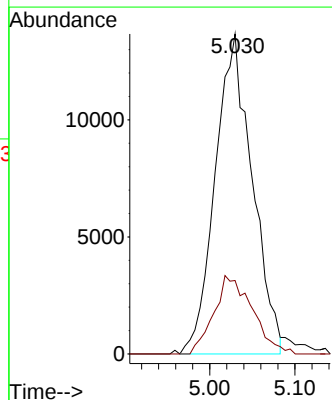
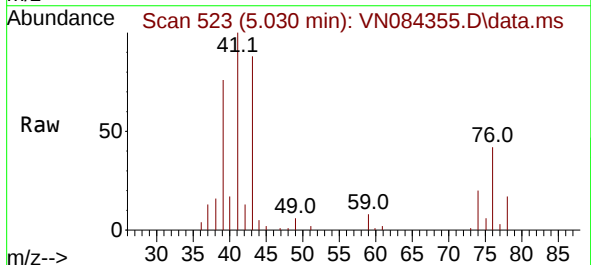
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

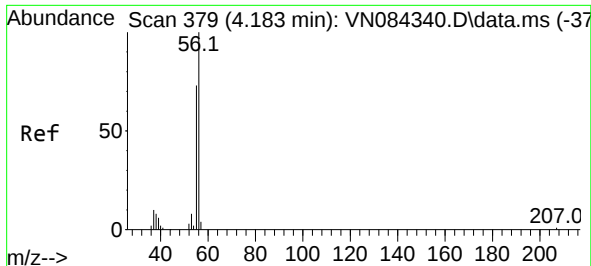
Tgt Ion:142 Resp: 31458
Ion Ratio Lower Upper
142 100
127 41.3 23.8 71.4
141 14.6 7.4 22.2



#12
Methyl Acetate
Concen: 17.364 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 43 Resp: 41242
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2

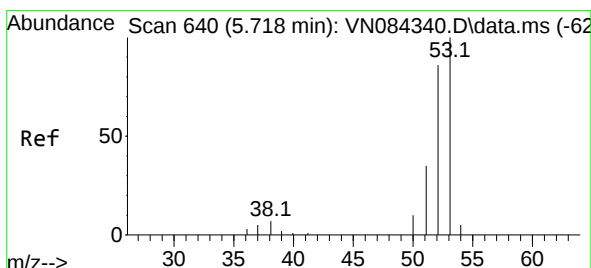
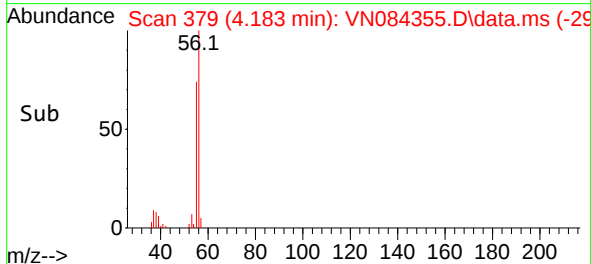
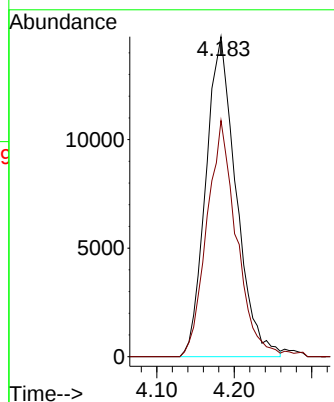
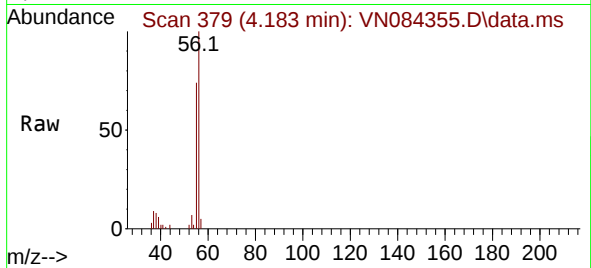




#13
Acrolein
Concen: 90.677 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

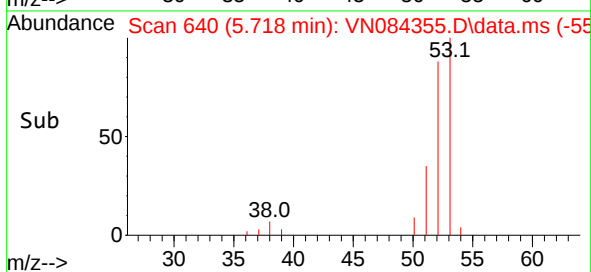
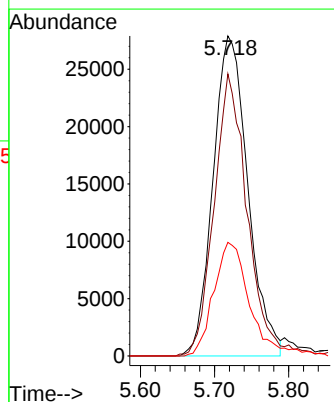
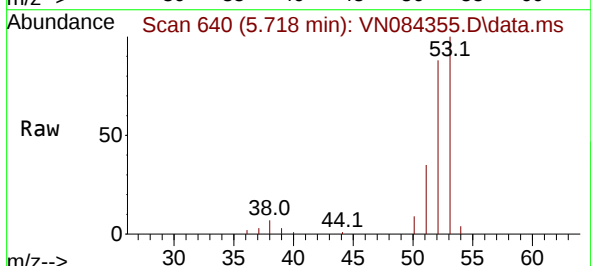
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

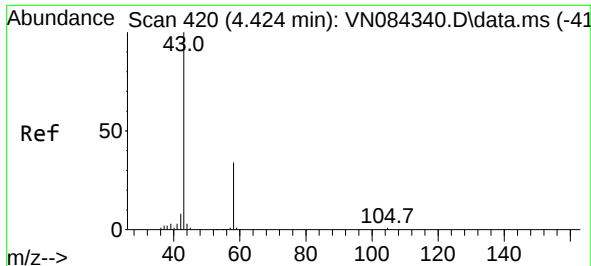
Tgt Ion: 56 Resp: 40008
Ion Ratio Lower Upper
56 100
55 72.1 56.4 84.6



#14
Acrylonitrile
Concen: 85.286 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 53 Resp: 91007
Ion Ratio Lower Upper
53 100
52 82.8 40.4 121.2
51 34.2 17.8 53.4





#15

Acetone

Concen: 98.996 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

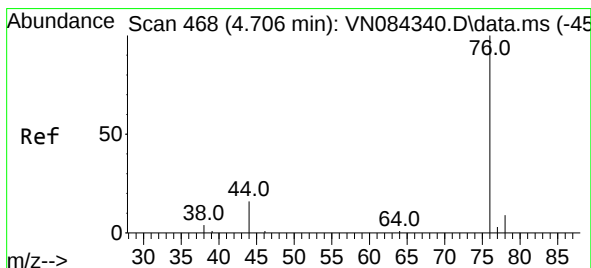
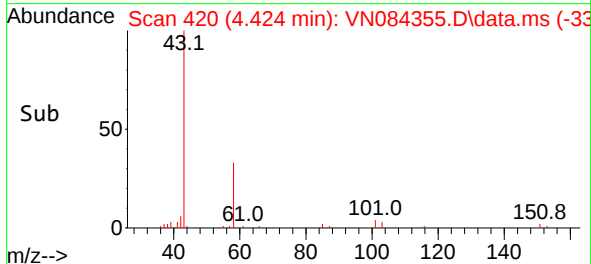
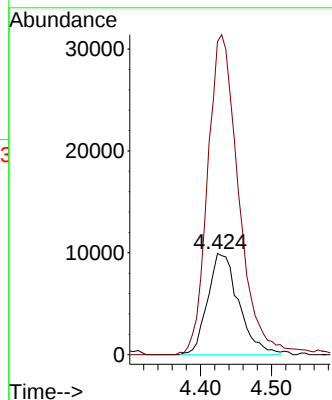
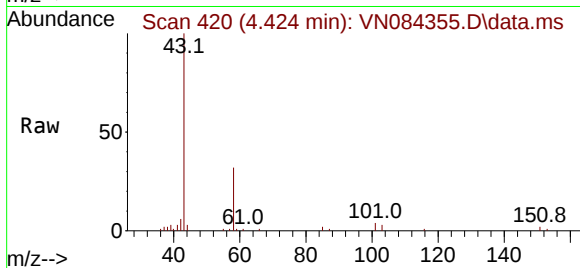
VSTDCCC020EC

Tgt Ion: 58 Resp: 30176

Ion Ratio Lower Upper

58 100

43 306.9 237.5 356.3



#16

Carbon Disulfide

Concen: 18.286 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN084355.D

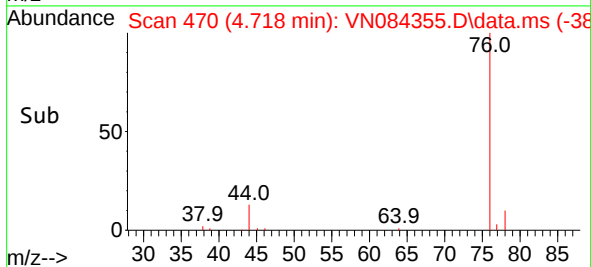
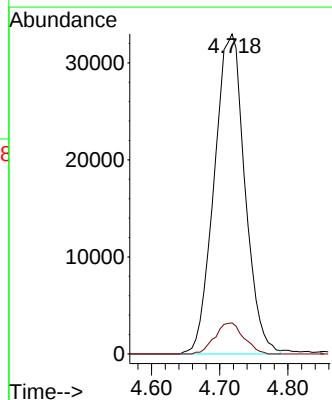
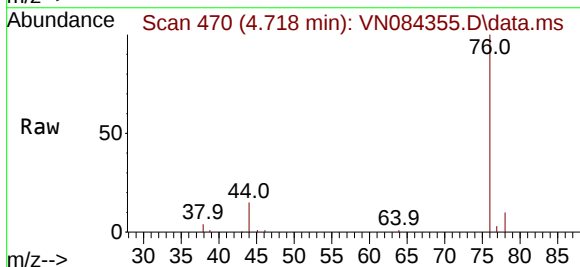
Acq: 08 Oct 2024 17:40

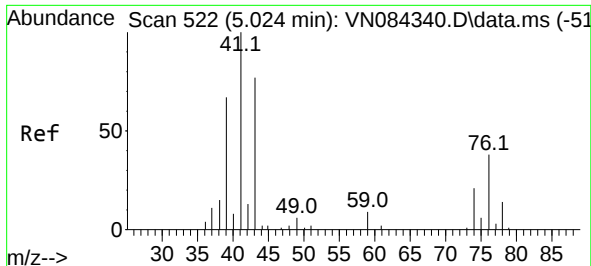
Tgt Ion: 76 Resp: 103309

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

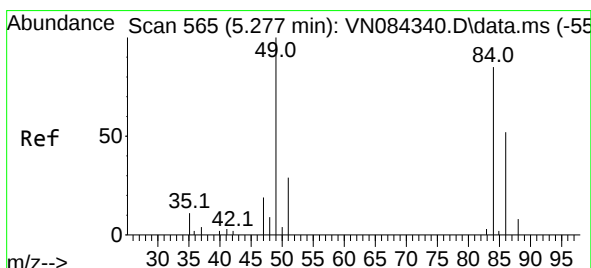
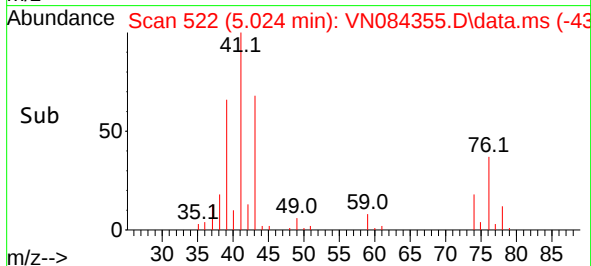
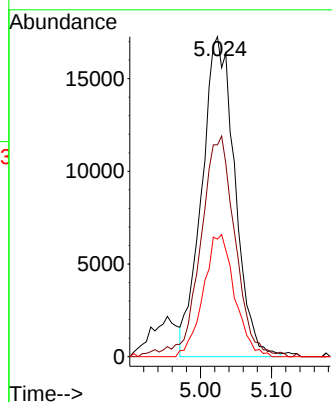
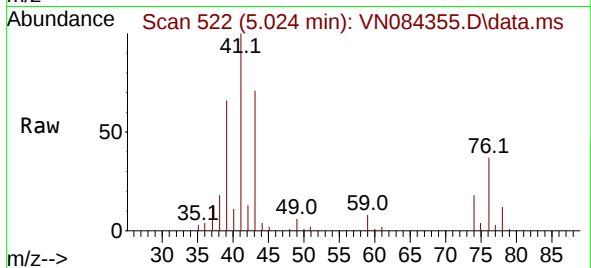




#17
 Allyl chloride
 Concen: 18.128 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

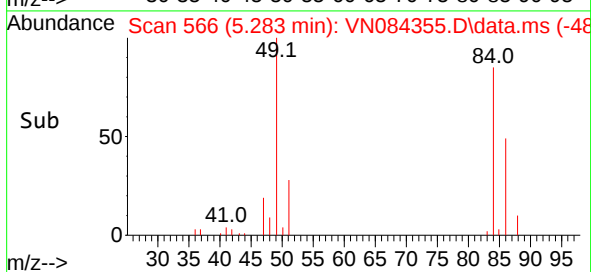
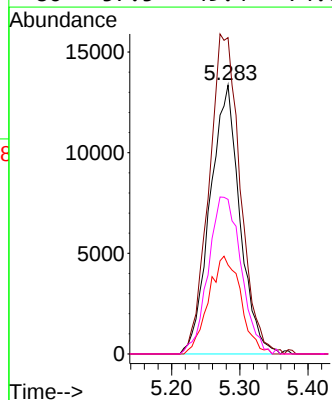
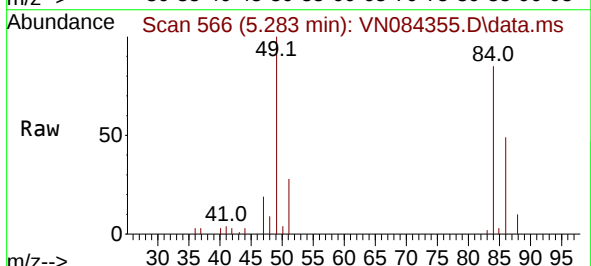
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

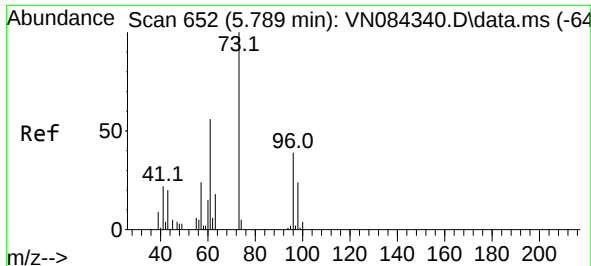
Tgt Ion:	41	Resp:	55751
Ion	Ratio	Lower	Upper
41	100		
39	65.5	31.4	94.3
76	37.1	17.8	53.5



#18
 Methylene Chloride
 Concen: 19.059 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

Tgt Ion:	84	Resp:	40734
Ion	Ratio	Lower	Upper
84	100		
49	117.7	94.6	142.0
51	33.1	27.3	40.9
86	57.5	49.4	74.0

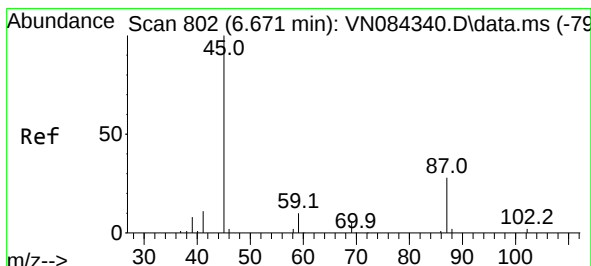
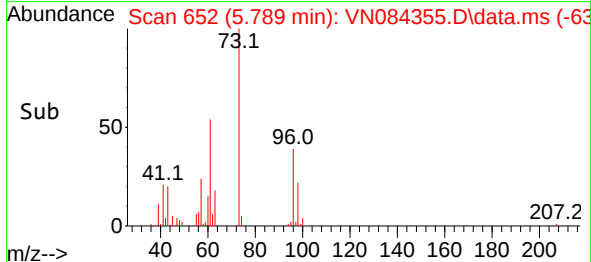
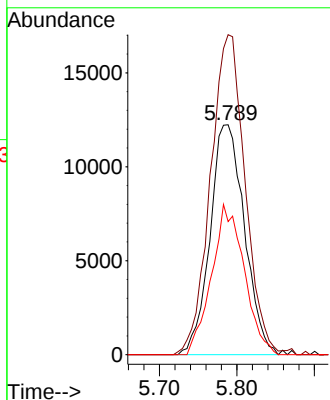
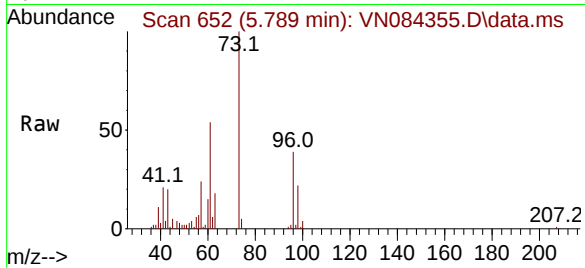




#19
trans-1,2-Dichloroethene
Concen: 18.788 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

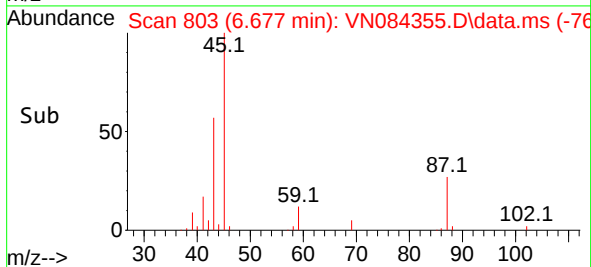
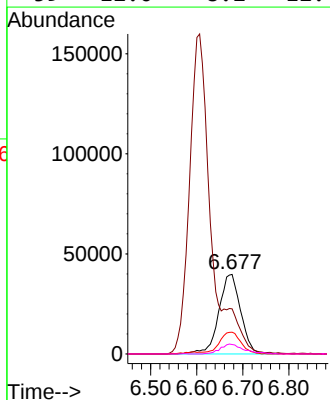
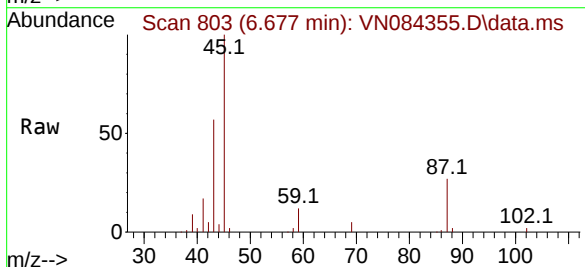
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

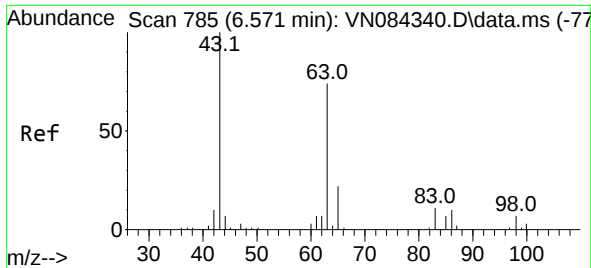
Tgt Ion: 96 Resp: 37724
Ion Ratio Lower Upper
96 100
61 137.8 115.8 173.6
98 57.9 49.4 74.0



#20
Diisopropyl ether
Concen: 19.775 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 45 Resp: 130765
Ion Ratio Lower Upper
45 100
43 55.2 43.7 65.5
87 27.4 23.1 34.7
59 12.0 8.2 12.4





#21

1,1-Dichloroethane

Concen: 19.296 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

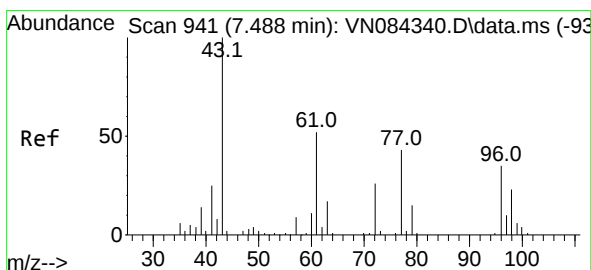
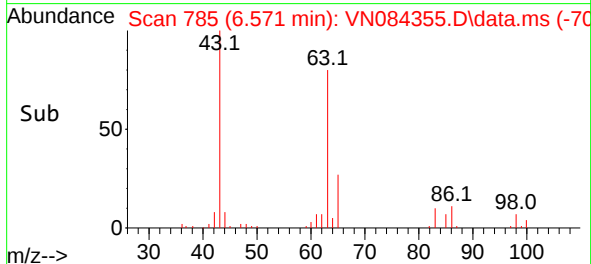
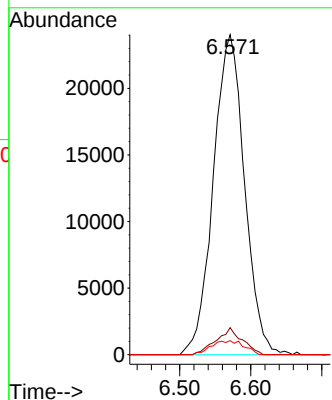
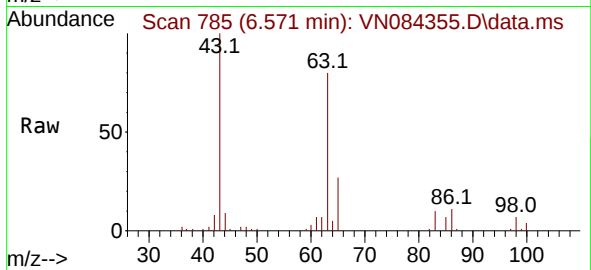
Tgt Ion: 63 Resp: 73212

Ion Ratio Lower Upper

63 100

98 8.4 4.5 13.4

100 4.4 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 19.385 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

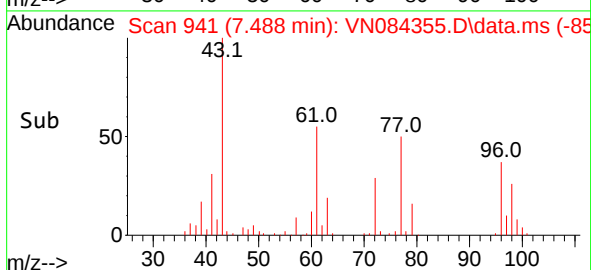
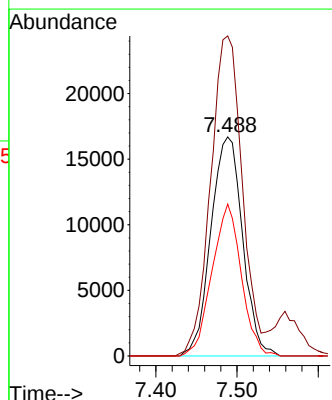
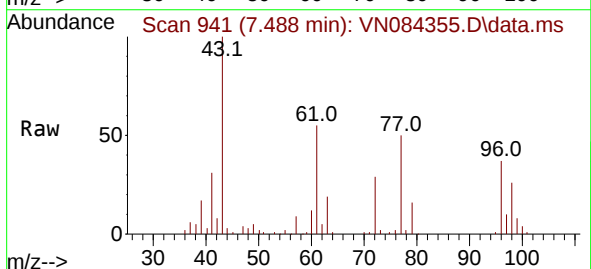
Tgt Ion: 96 Resp: 45294

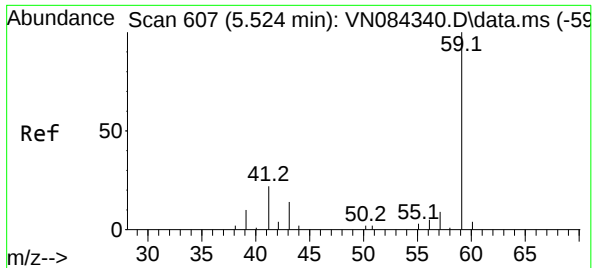
Ion Ratio Lower Upper

96 100

61 145.1 118.0 177.0

98 63.8 51.8 77.8

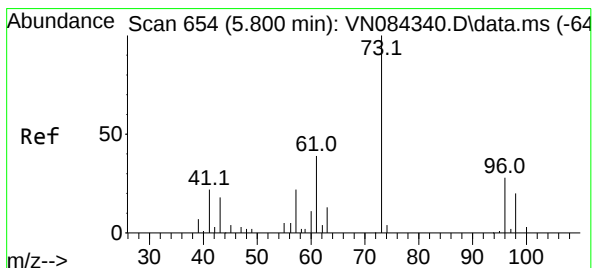
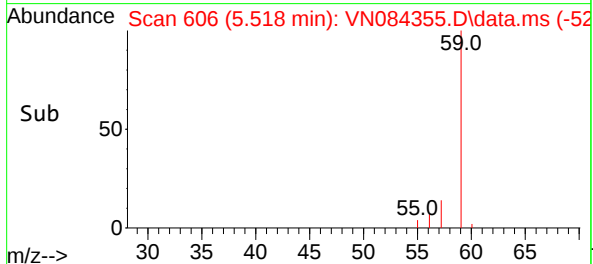
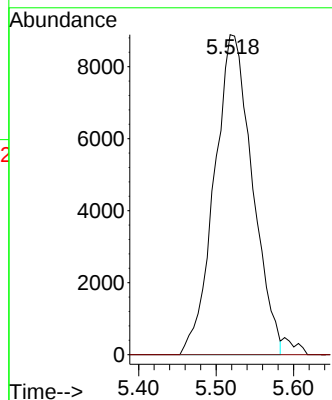
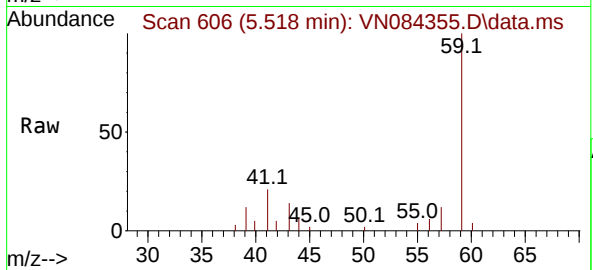




#23
tert-Butyl Alcohol
Concen: 74.143 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

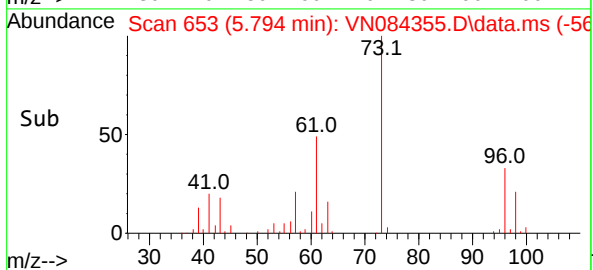
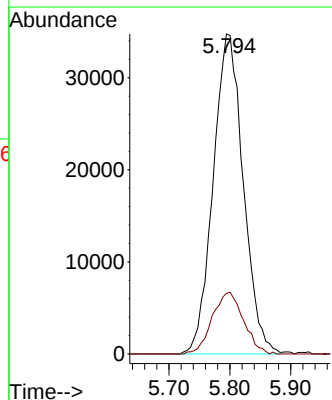
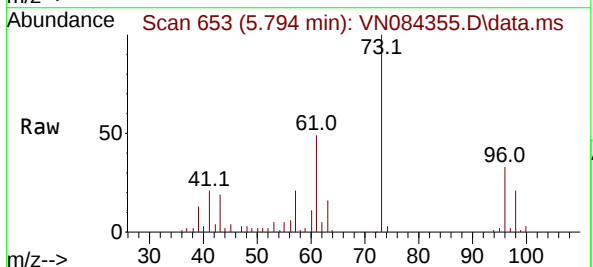
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

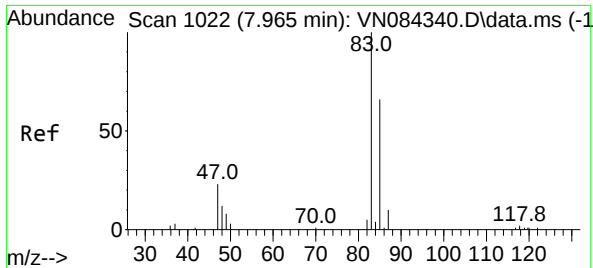
Tgt Ion: 59 Resp: 30347
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.827 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 73 Resp: 119367
Ion Ratio Lower Upper
73 100
43 19.9 10.9 16.3#





#25

Chloroform

Concen: 19.993 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

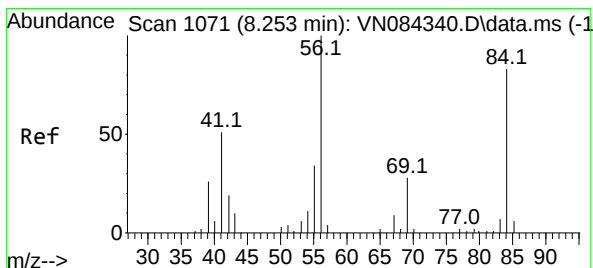
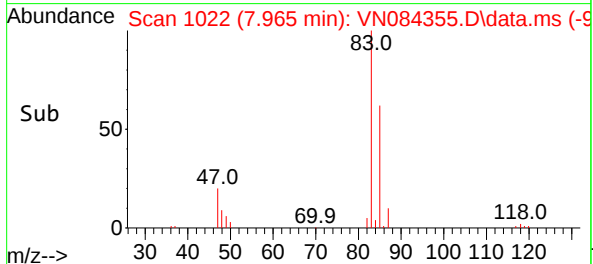
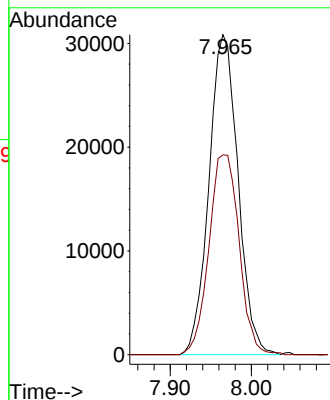
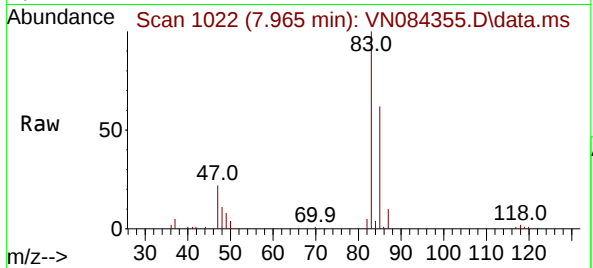
VSTDCCC020EC

Tgt Ion: 83 Resp: 76828

Ion Ratio Lower Upper

83 100

85 62.5 52.4 78.6



#26

Cyclohexane

Concen: 17.990 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

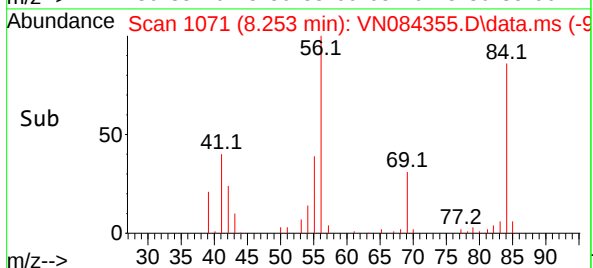
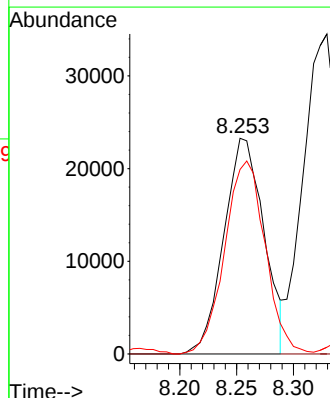
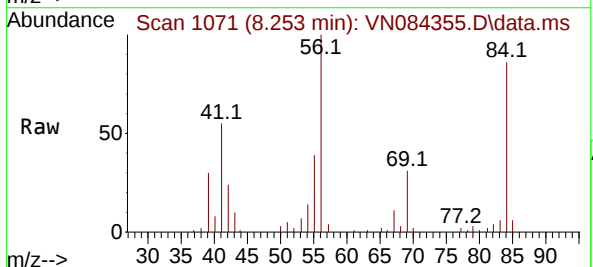
Tgt Ion: 56 Resp: 57088

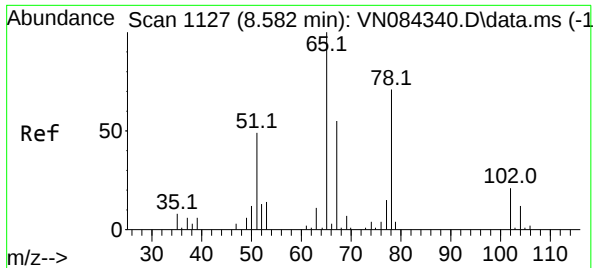
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.6 67.0 100.6

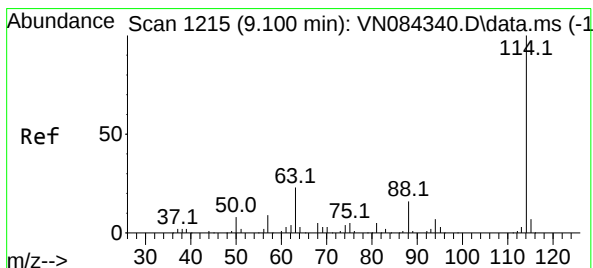
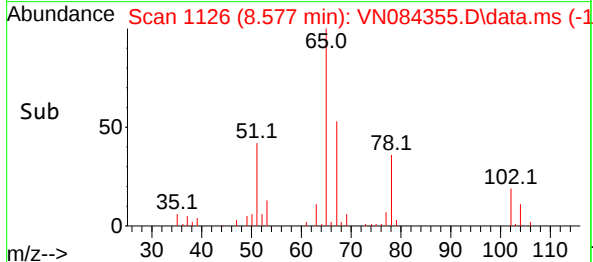
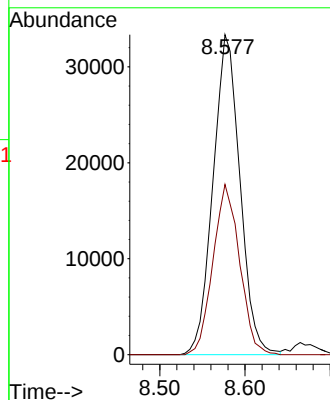
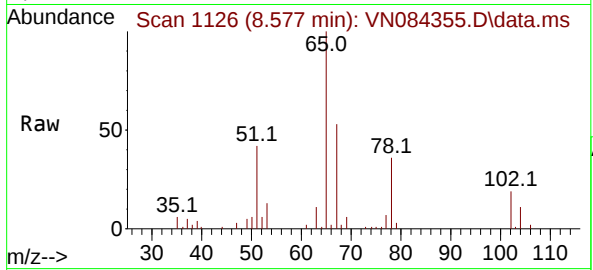




#27
1,2-Dichloroethane-d4
Concen: 29.877 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

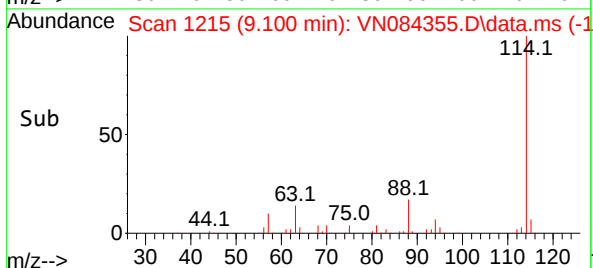
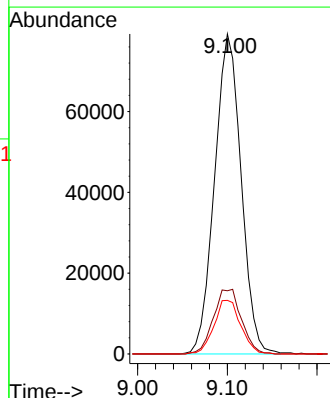
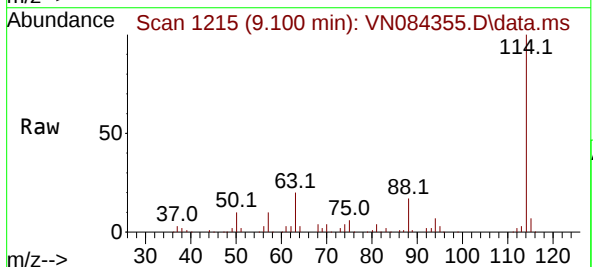
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

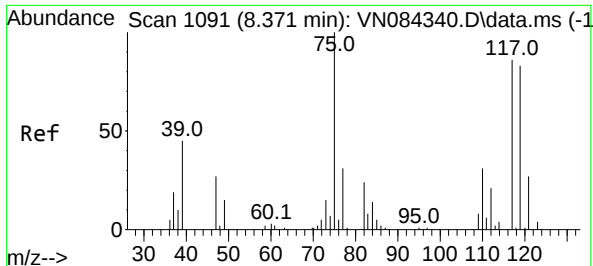
Tgt Ion: 65 Resp: 73291
Ion Ratio Lower Upper
65 100
67 52.6 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 114 Resp: 162746
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.0
88 16.9 13.2 19.8





#29

1,1-Dichloropropene

Concen: 19.229 ug/l

RT: 8.365 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

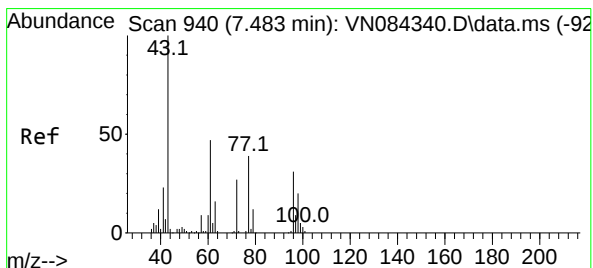
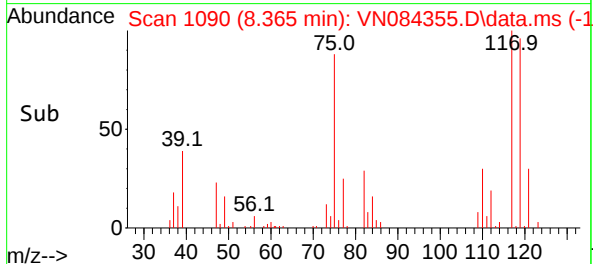
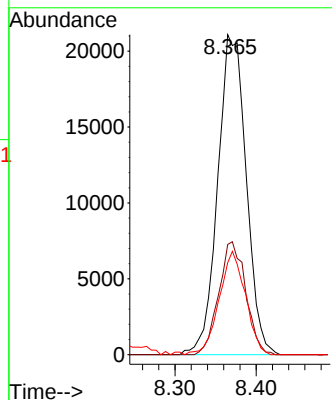
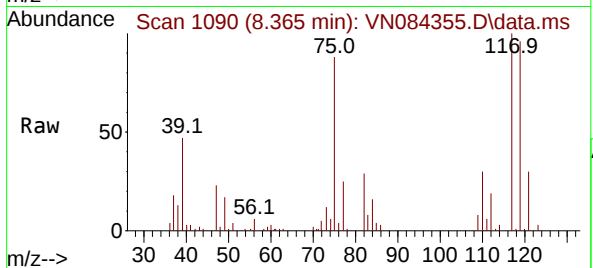
Tgt Ion: 75 Resp: 51372

Ion Ratio Lower Upper

75 100

110 33.5 0.0 67.6

77 29.9 0.0 61.4



#30

2-Butanone

Concen: 88.219 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

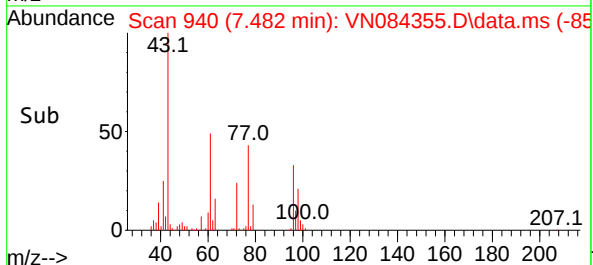
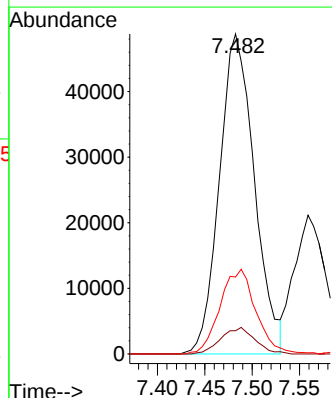
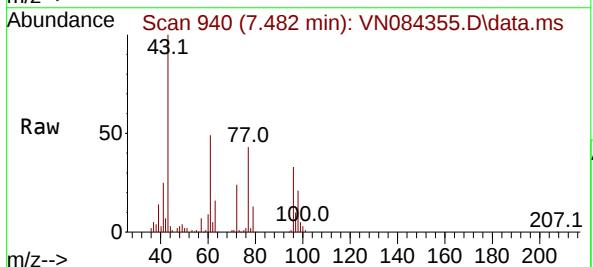
Tgt Ion: 43 Resp: 125484

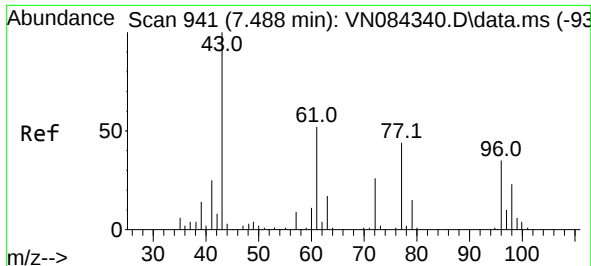
Ion Ratio Lower Upper

43 100

57 8.1 6.6 9.8

72 27.1 21.3 31.9

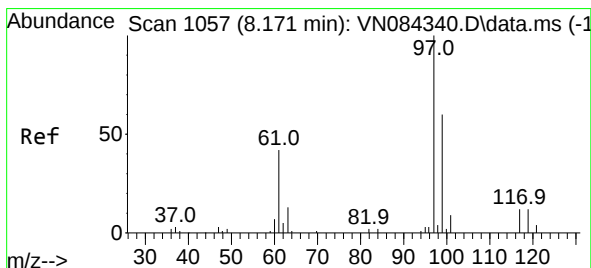
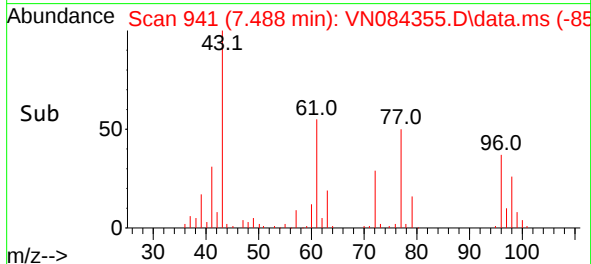
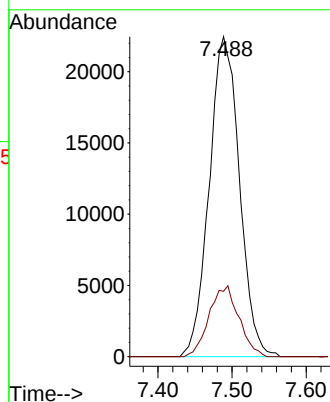
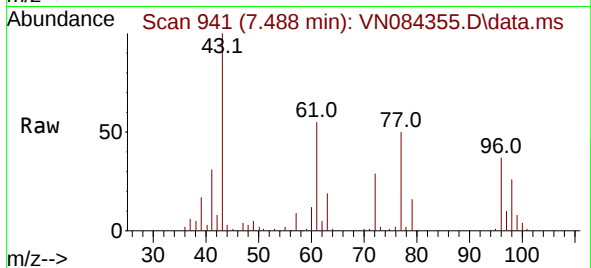




#31
2,2-Dichloropropane
Concen: 20.246 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

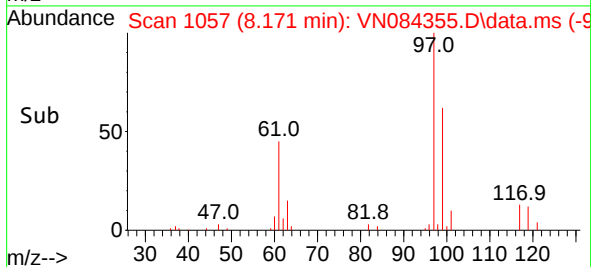
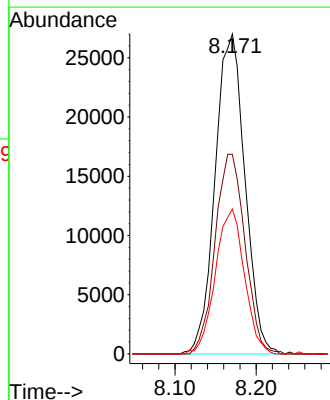
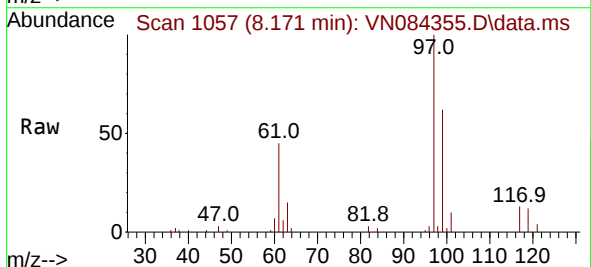
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

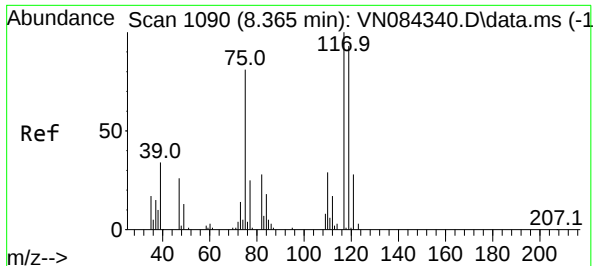
Tgt Ion: 77 Resp: 63562
Ion Ratio Lower Upper
77 100
97 21.8 11.5 17.3#



#32
1,1,1-Trichloroethane
Concen: 20.211 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 97 Resp: 69017
Ion Ratio Lower Upper
97 100
99 62.5 51.2 76.8
61 44.0 34.1 51.1

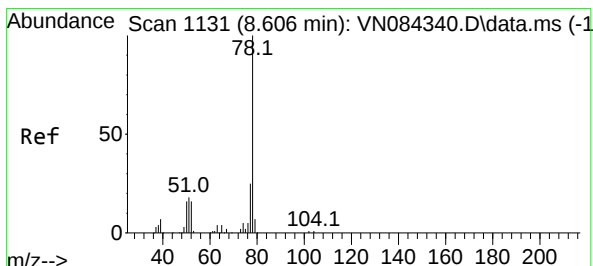
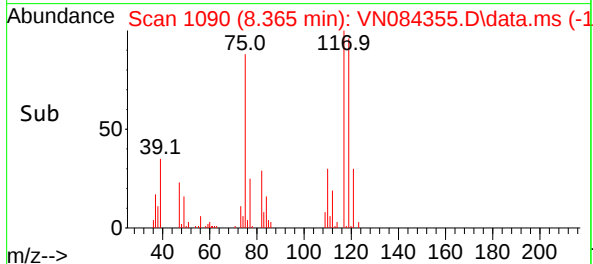
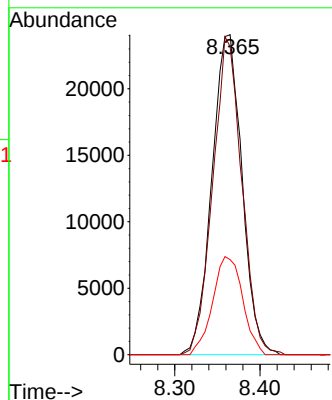
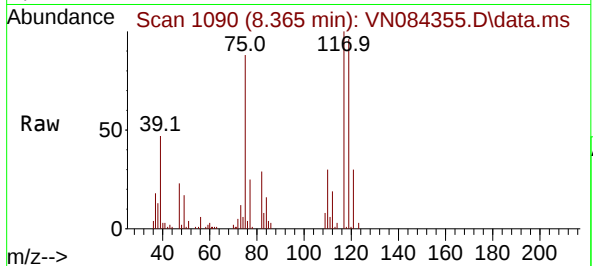




#33
Carbon Tetrachloride
Concen: 19.926 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

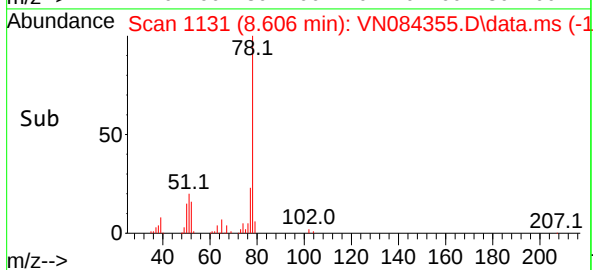
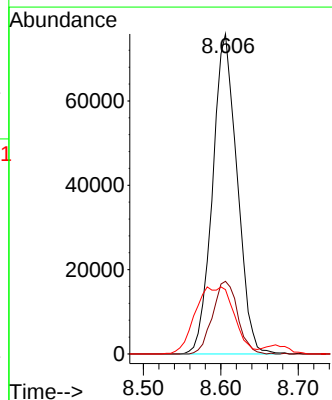
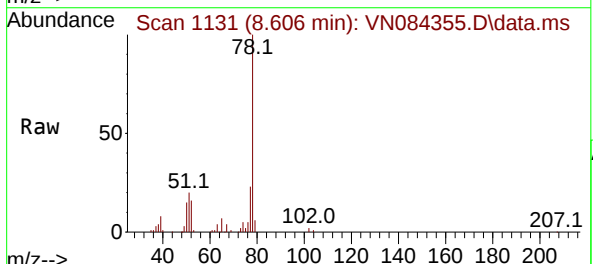
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

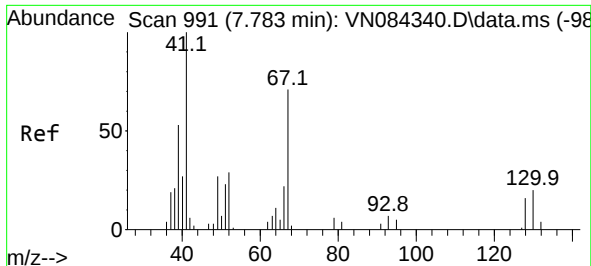
Tgt Ion:117 Resp: 58948
Ion Ratio Lower Upper
117 100
119 96.3 74.3 111.5
121 29.7 22.4 33.6



#34
Benzene
Concen: 19.990 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 78 Resp: 167176
Ion Ratio Lower Upper
78 100
77 22.7 19.6 29.4
51 18.2 15.8 23.6

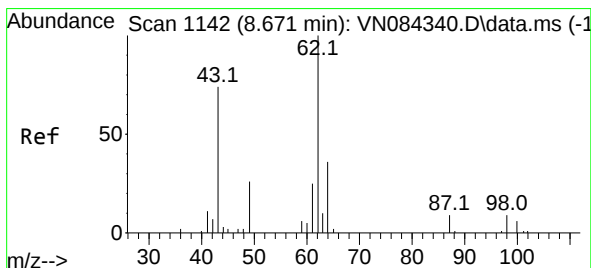
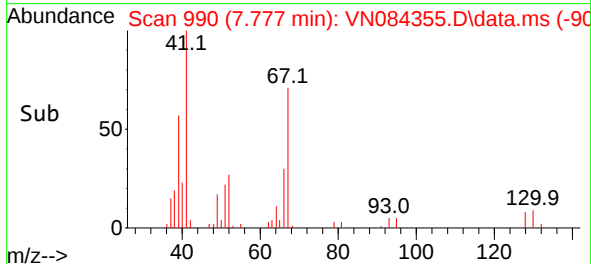
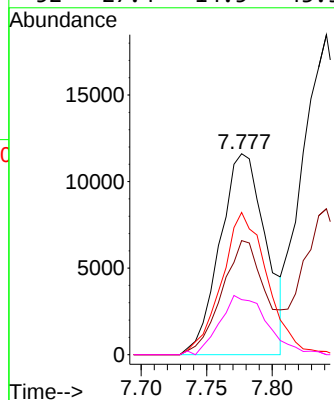
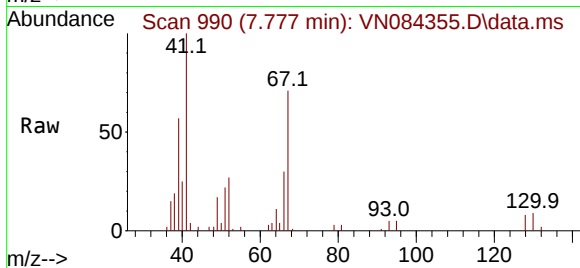




#35
Methacrylonitrile
Concen: 18.619 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

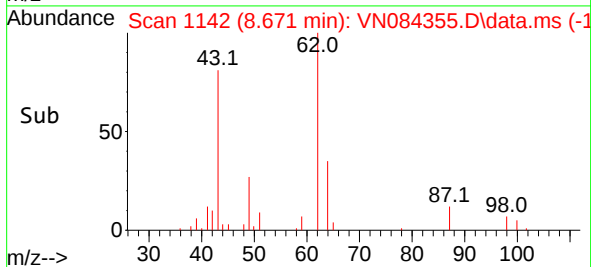
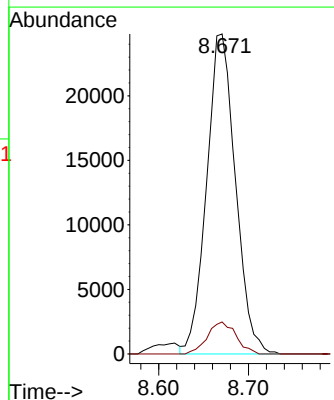
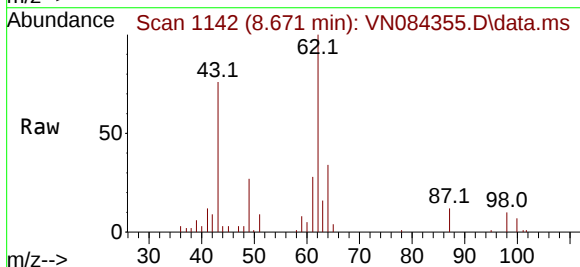
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

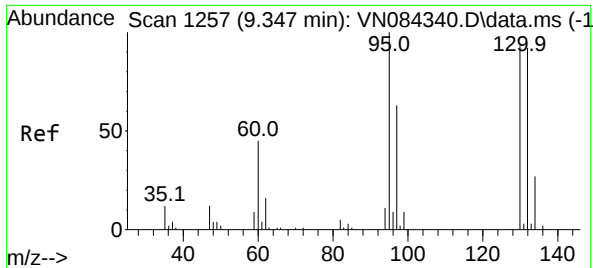
Tgt Ion:	41	Resp:	28254
Ion	Ratio	Lower	Upper
41	100		
39	56.7	26.4	79.0
67	70.7	35.7	107.1
52	27.4	14.5	43.5



#36
1,2-Dichloroethane
Concen: 19.865 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:	62	Resp:	55376
Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.3	10.9

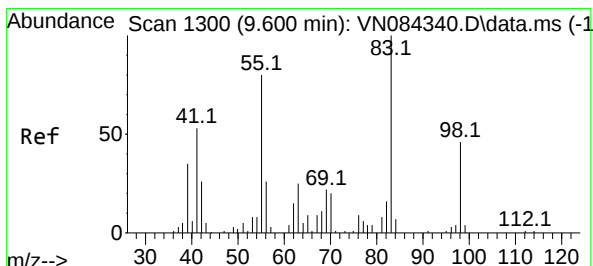
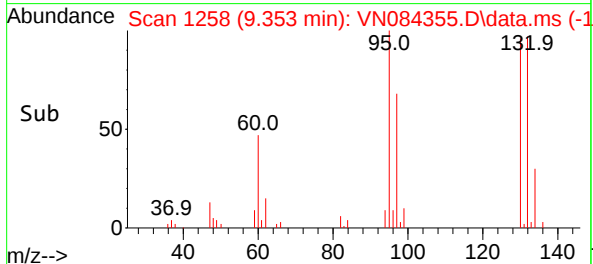
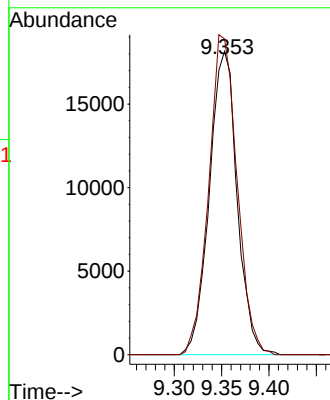
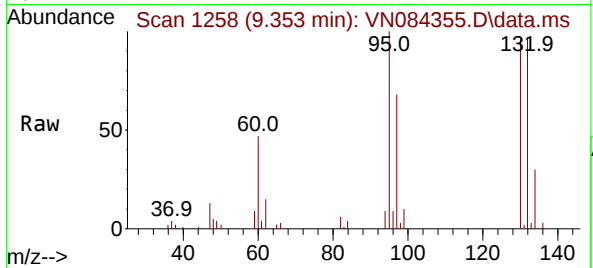




#37
Trichloroethene
Concen: 19.193 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

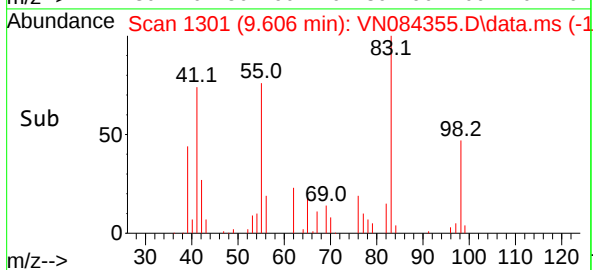
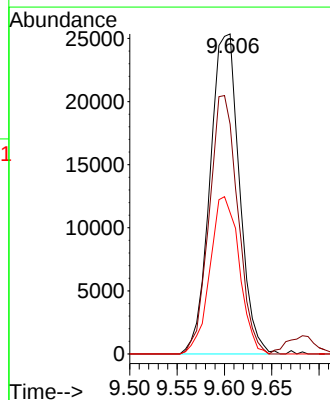
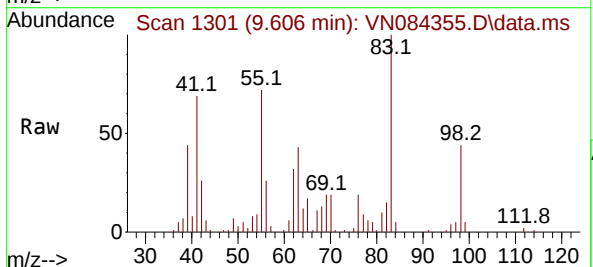
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

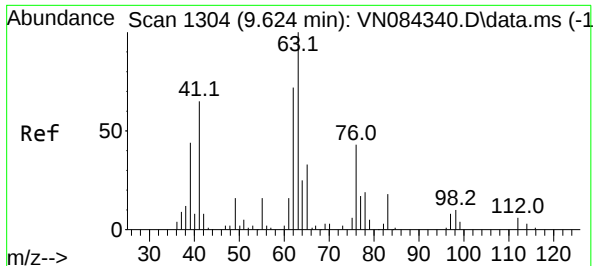
Tgt Ion:130 Resp: 36961
Ion Ratio Lower Upper
130 100
95 104.1 85.8 128.6



#38
Methylcyclohexane
Concen: 18.664 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 83 Resp: 54770
Ion Ratio Lower Upper
83 100
55 78.5 39.3 117.8
98 49.1 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.714 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

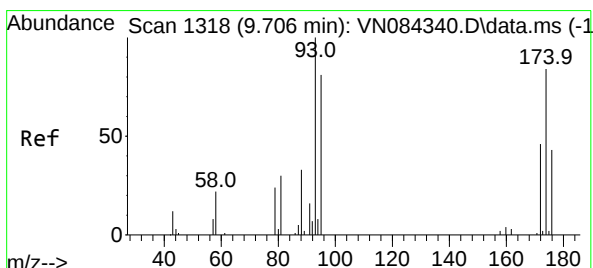
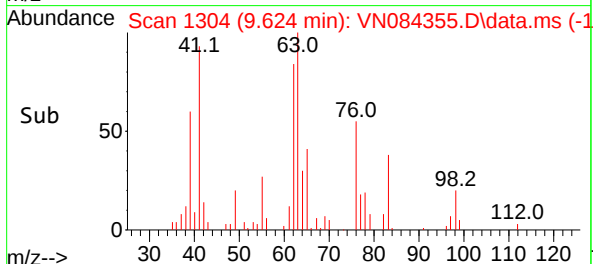
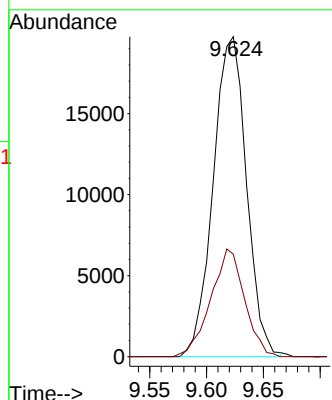
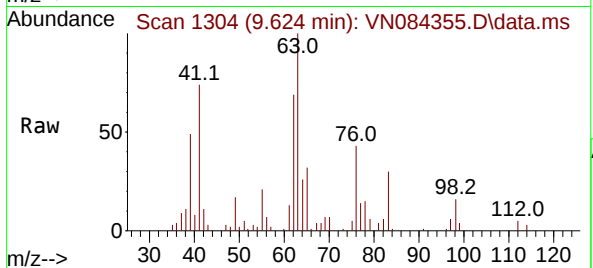
VSTDCCC020EC

Tgt Ion: 63 Resp: 40203

Ion Ratio Lower Upper

63 100

65 32.1 26.3 39.5



#40

Dibromomethane

Concen: 19.989 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

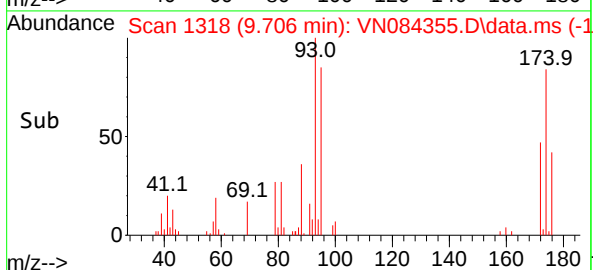
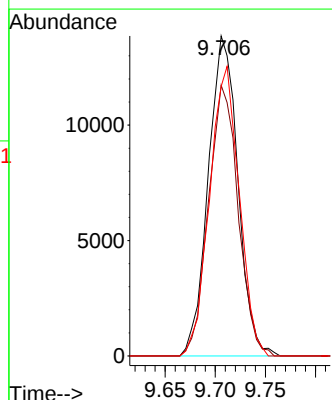
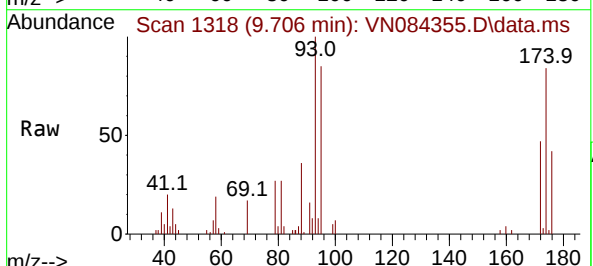
Tgt Ion: 93 Resp: 28490

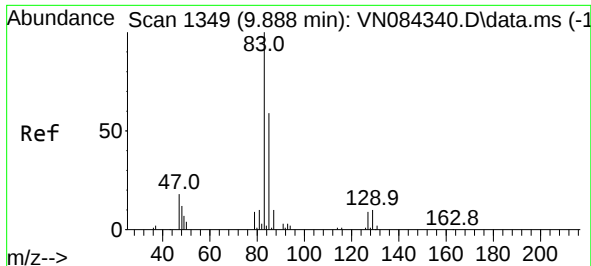
Ion Ratio Lower Upper

93 100

95 84.8 0.0 171.4

174 90.4 0.0 183.0

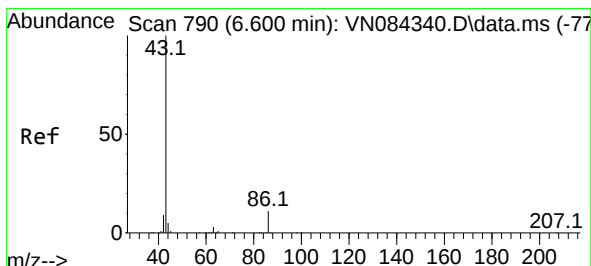
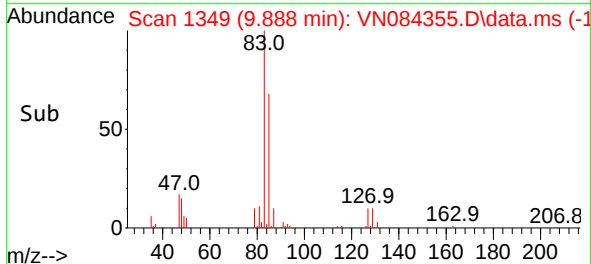
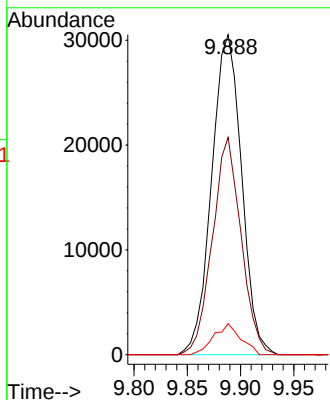
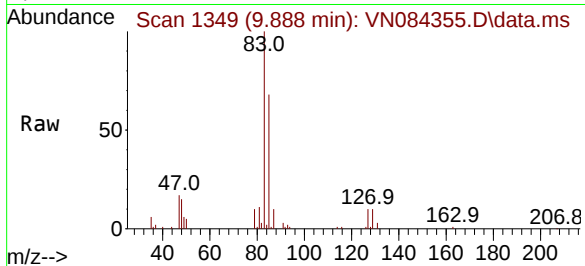




#41
Bromodichloromethane
Concen: 19.714 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

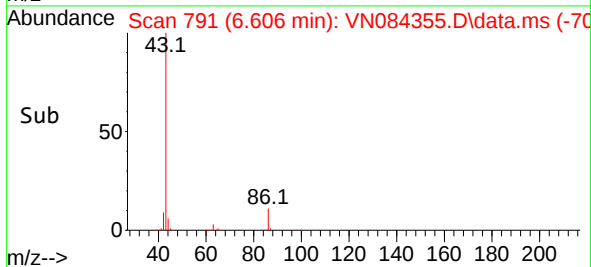
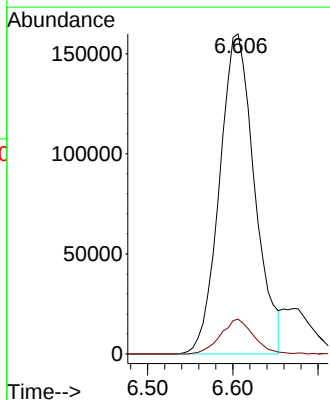
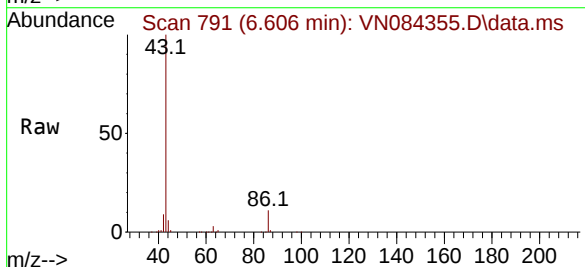
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

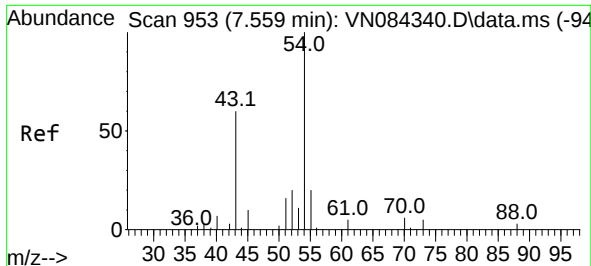
Tgt Ion: 83 Resp: 59651
Ion Ratio Lower Upper
83 100
85 67.9 47.1 70.7
127 9.7 7.1 10.7



#42
Vinyl Acetate
Concen: 92.569 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 43 Resp: 457941
Ion Ratio Lower Upper
43 100
86 10.2 8.5 12.7

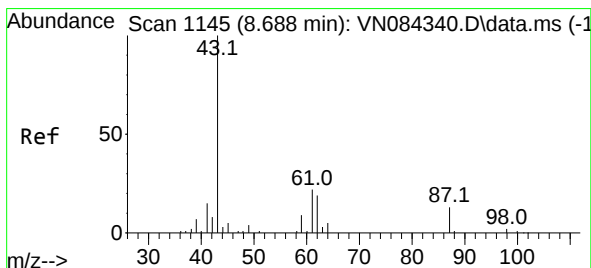
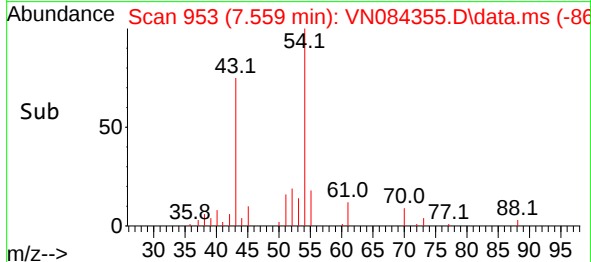
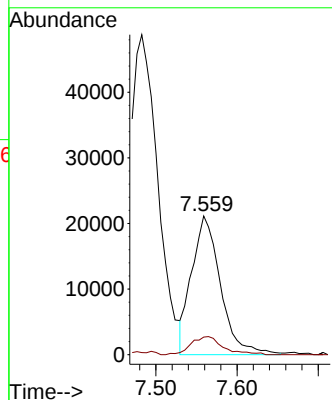
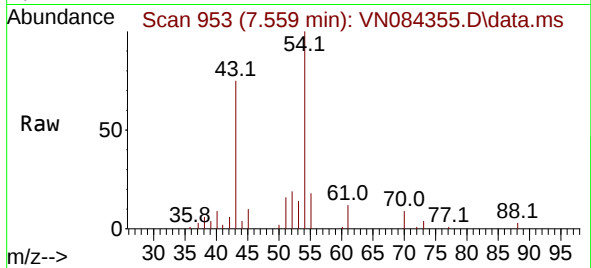




#43
Ethyl Acetate
Concen: 18.632 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

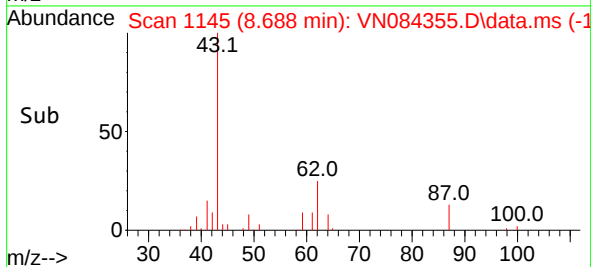
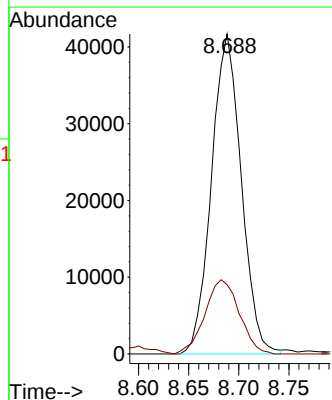
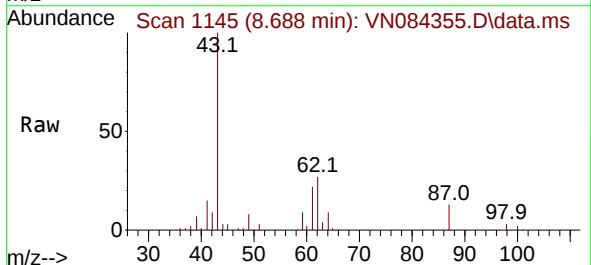
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

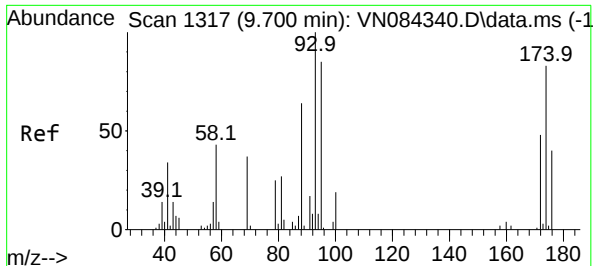
Tgt Ion: 43 Resp: 52269
Ion Ratio Lower Upper
43 100
45 14.3 10.6 16.0



#44
Isopropyl Acetate
Concen: 18.774 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 43 Resp: 86201
Ion Ratio Lower Upper
43 100
61 26.7 21.4 32.2

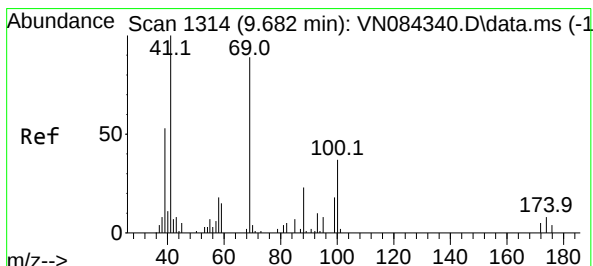
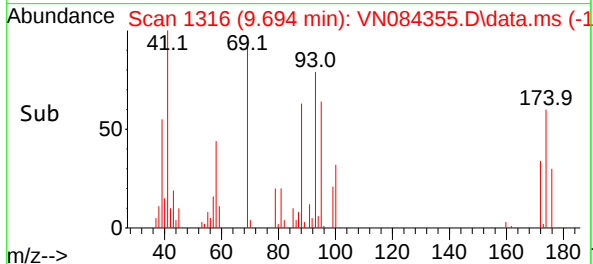
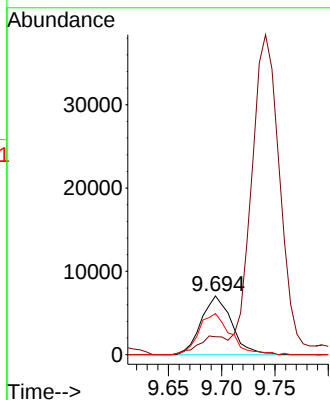
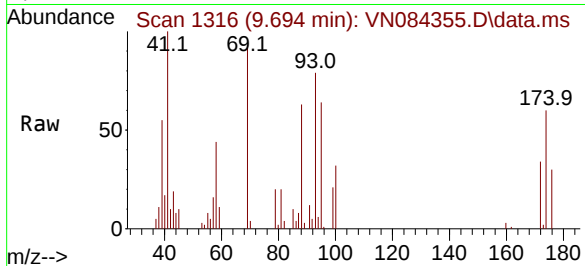




#45
1,4-Dioxane
Concen: 338.358 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

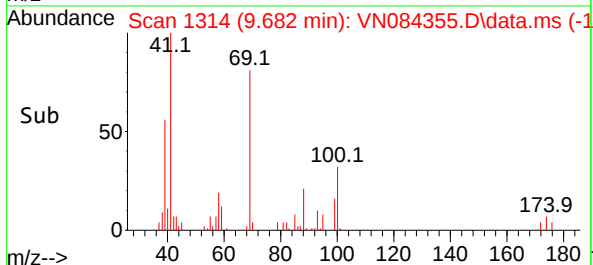
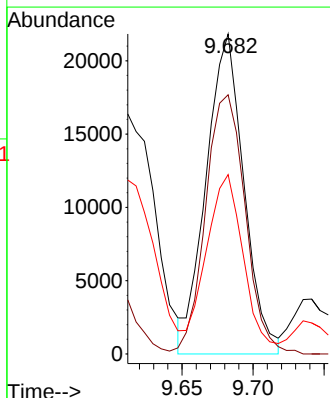
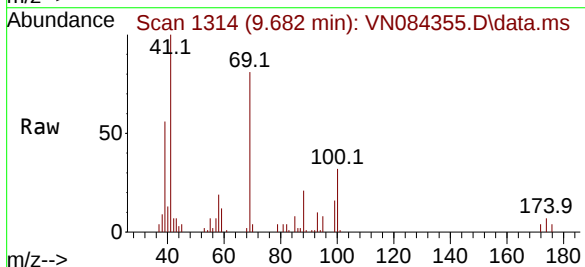
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

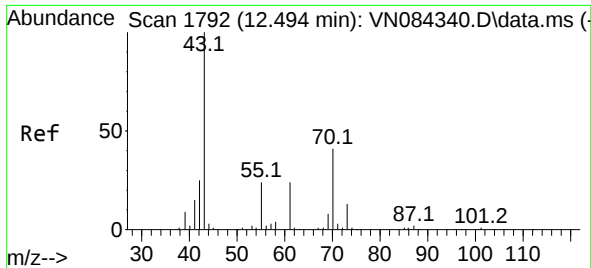
Tgt Ion: 88 Resp: 14005
Ion Ratio Lower Upper
88 100
43 30.6 22.4 33.6
58 72.9 59.7 89.5



#46
Methyl methacrylate
Concen: 18.198 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 41 Resp: 40372
Ion Ratio Lower Upper
41 100
69 83.2 42.6 128.0
39 55.5 27.5 82.4

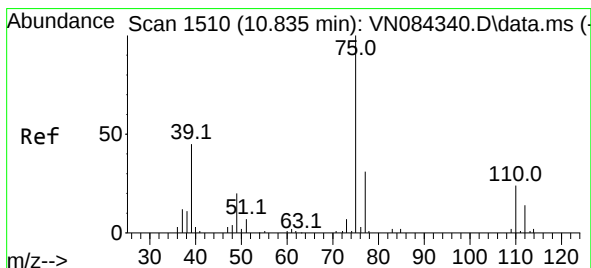
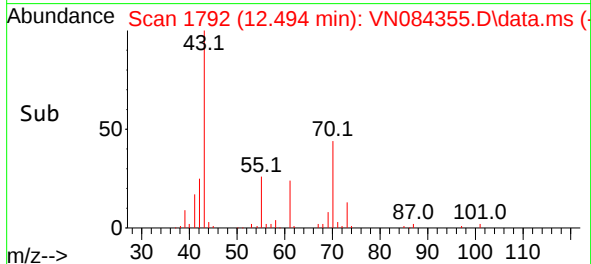
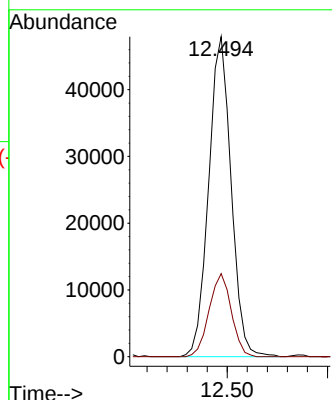
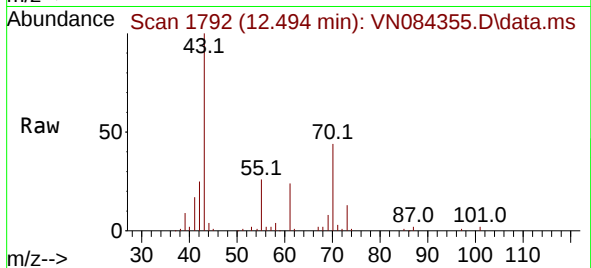




#47
n-amyl acetate
Concen: 18.292 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

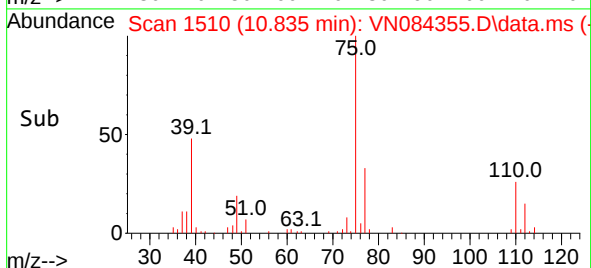
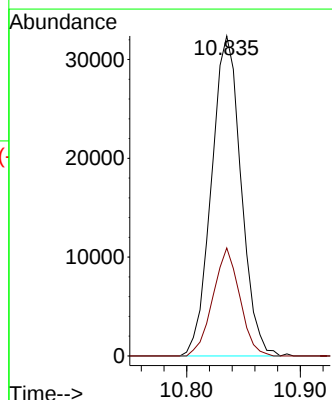
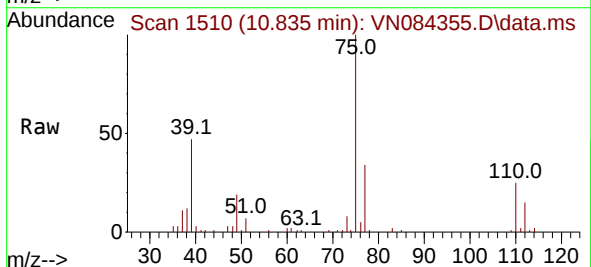
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

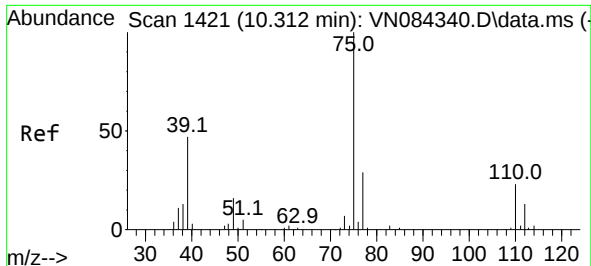
Tgt Ion: 43 Resp: 74707
Ion Ratio Lower Upper
43 100
55 25.6 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 18.771 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 75 Resp: 58691
Ion Ratio Lower Upper
75 100
77 33.8 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 19.527 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

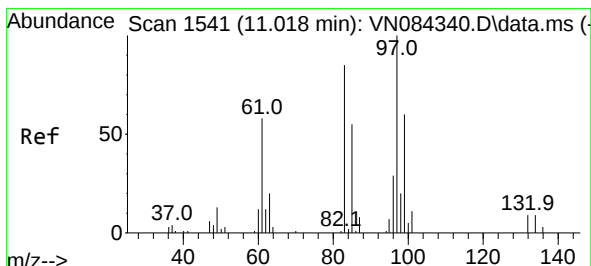
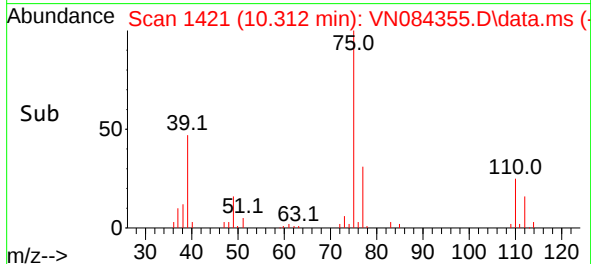
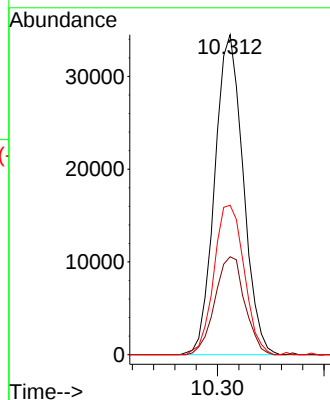
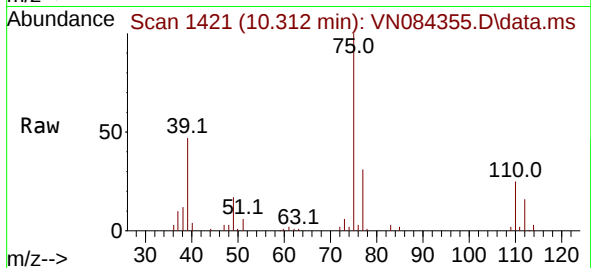
Tgt Ion: 75 Resp: 63988

Ion Ratio Lower Upper

75 100

77 30.6 22.9 34.3

39 46.7 37.4 56.2



#50

1,1,2-Trichloroethane

Concen: 19.918 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Tgt Ion: 97 Resp: 38158

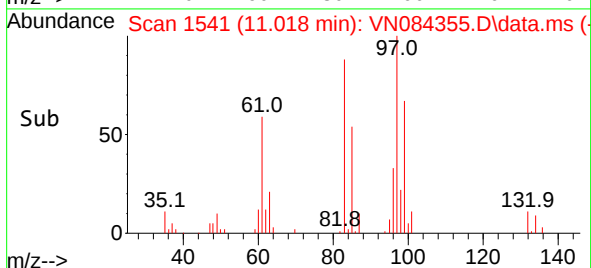
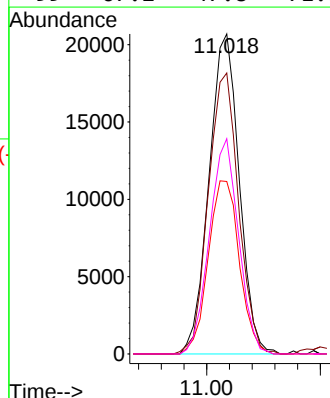
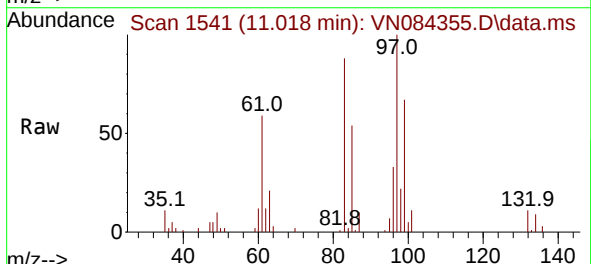
Ion Ratio Lower Upper

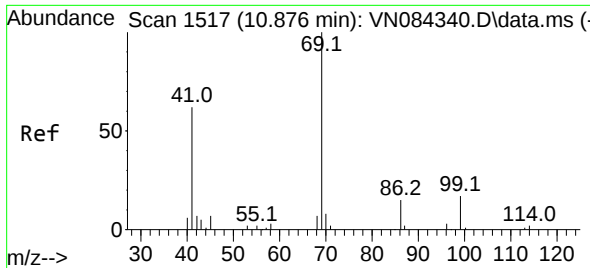
97 100

83 87.8 67.8 101.8

85 53.9 44.2 66.2

99 67.2 47.8 71.8

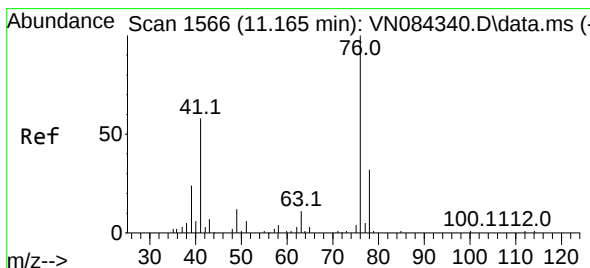
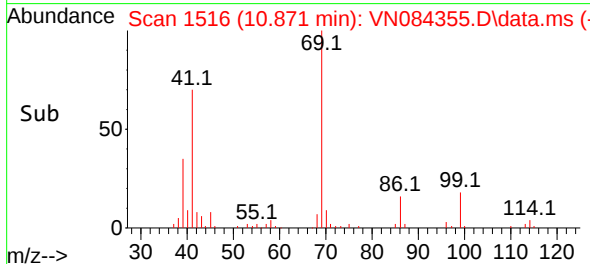
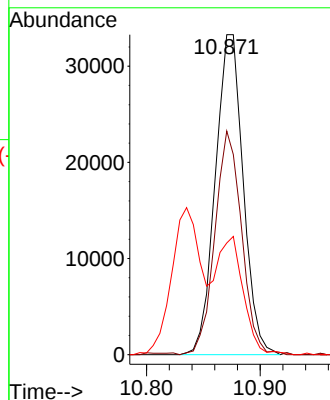
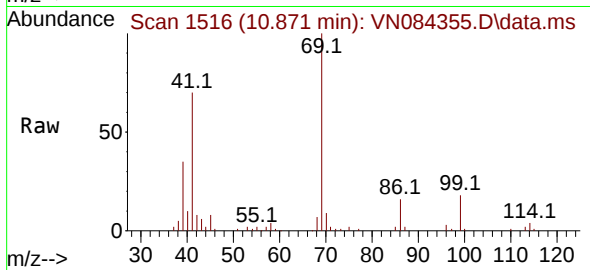




#51
Ethyl methacrylate
Concen: 17.987 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

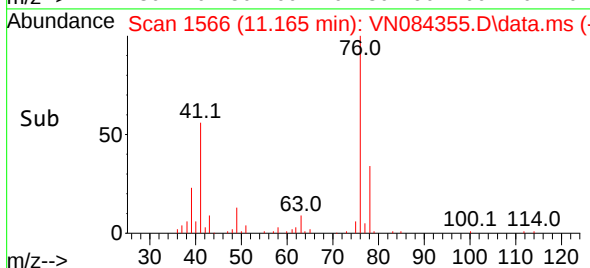
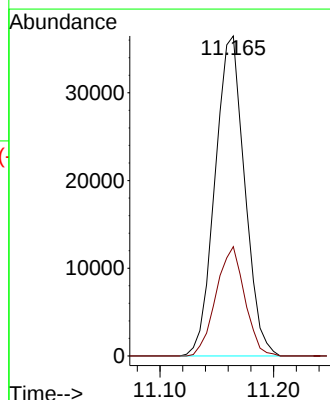
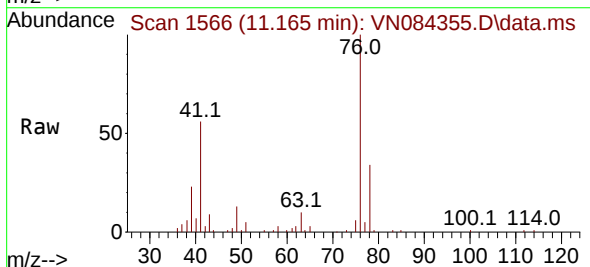
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

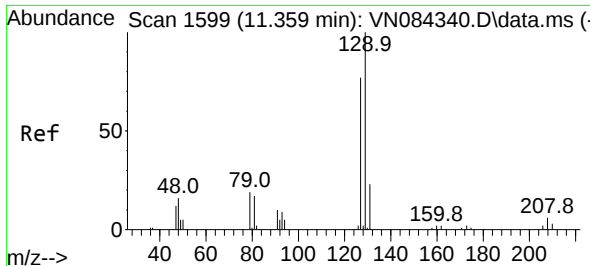
Tgt Ion: 69 Resp: 56920
Ion Ratio Lower Upper
69 100
41 69.9 30.9 92.7
39 34.2 16.6 49.7



#52
1,3-Dichloropropane
Concen: 19.703 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 76 Resp: 66001
Ion Ratio Lower Upper
76 100
78 33.0 0.0 64.2

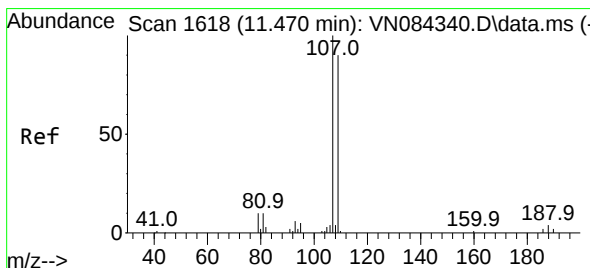
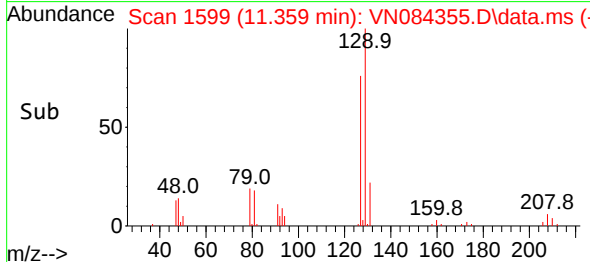
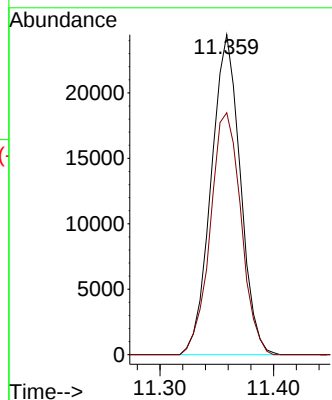
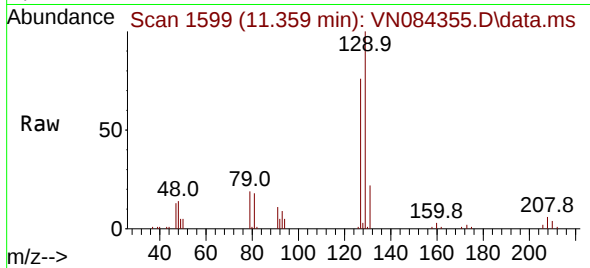




#53
Dibromochloromethane
Concen: 19.250 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

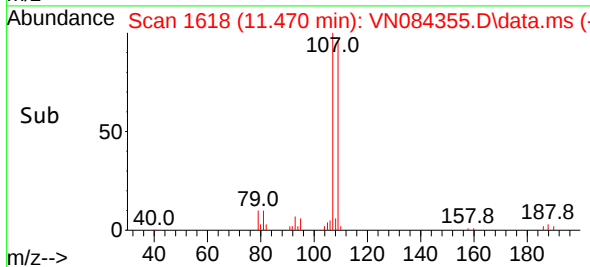
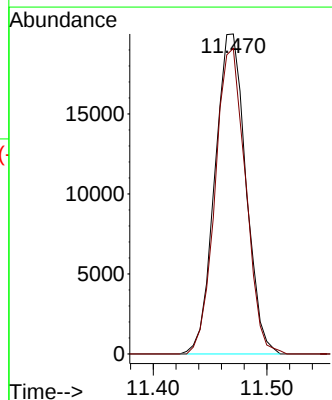
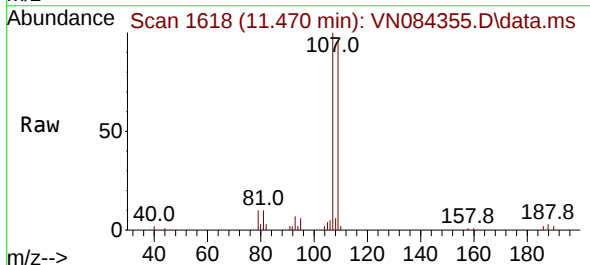
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

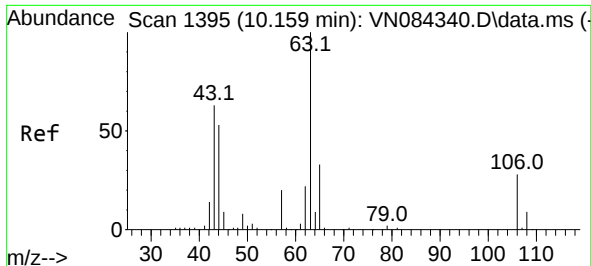
Tgt Ion:129 Resp: 43566
Ion Ratio Lower Upper
129 100
127 79.7 38.5 115.5



#54
1,2-Dibromoethane
Concen: 19.221 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:107 Resp: 37904
Ion Ratio Lower Upper
107 100
109 93.4 73.8 110.6

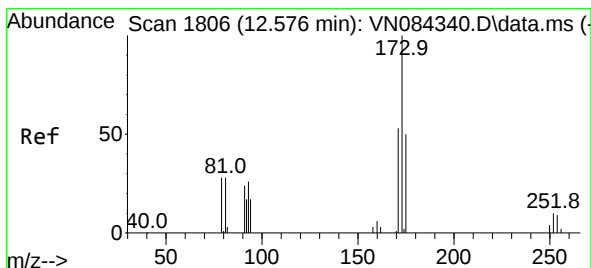
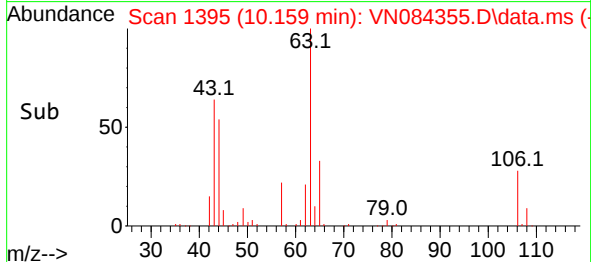
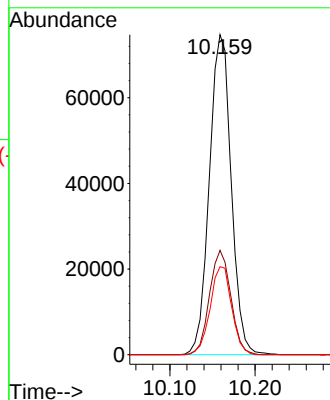
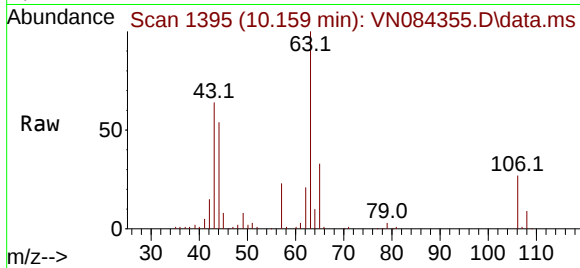




#55
2-Chloroethyl vinyl ether
Concen: 92.716 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

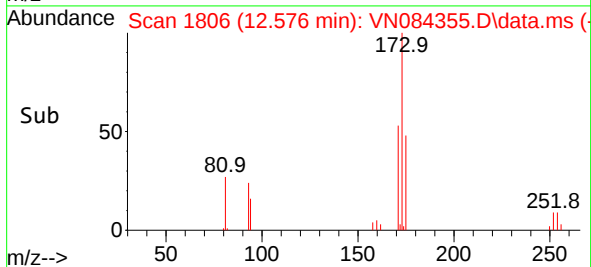
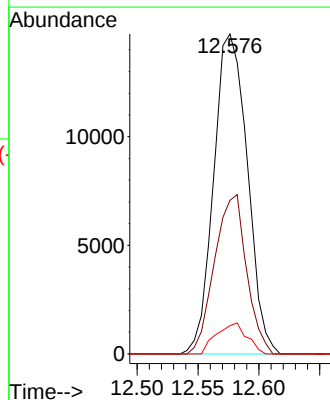
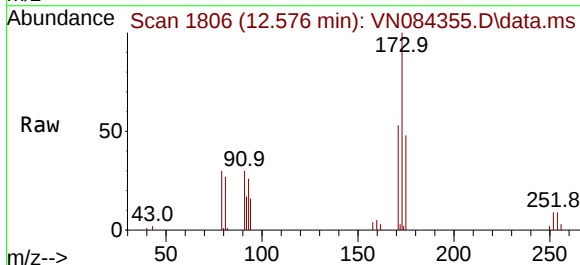
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

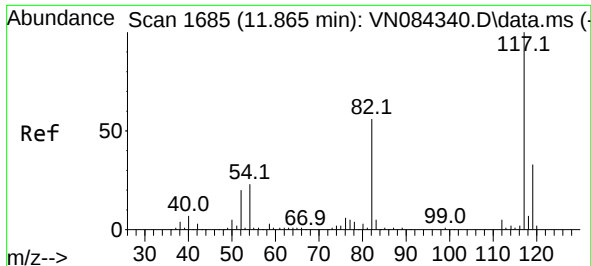
Tgt Ion: 63 Resp: 133068
Ion Ratio Lower Upper
63 100
65 31.8 25.6 38.4
106 27.1 21.6 32.4



#56
Bromoform
Concen: 18.859 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 173 Resp: 28307
Ion Ratio Lower Upper
173 100
175 47.3 39.4 59.2
254 8.8 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

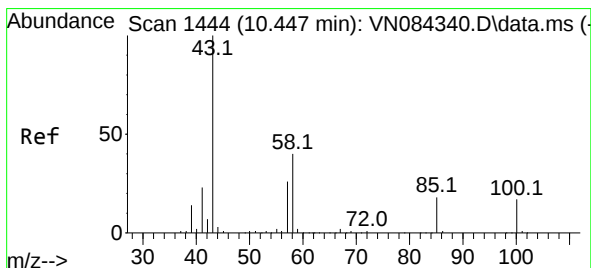
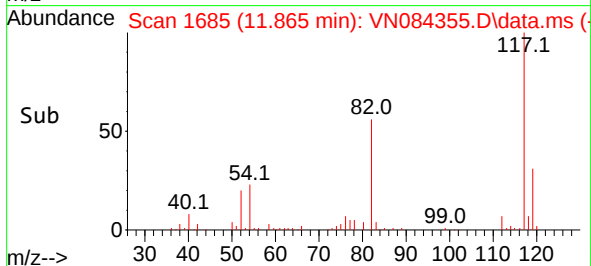
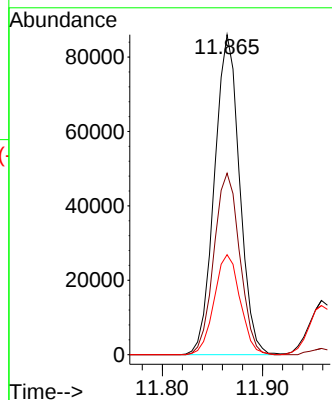
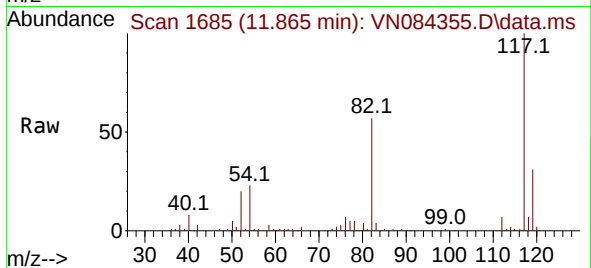
Tgt Ion:117 Resp: 149621

Ion Ratio Lower Upper

117 100

82 58.3 46.2 69.4

119 32.3 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 91.903 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

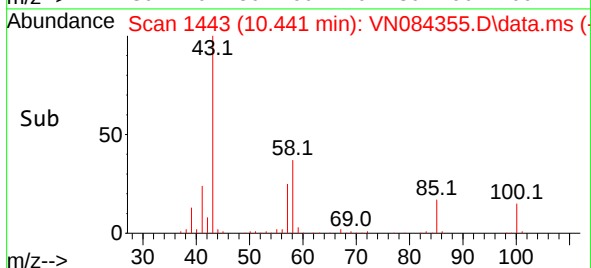
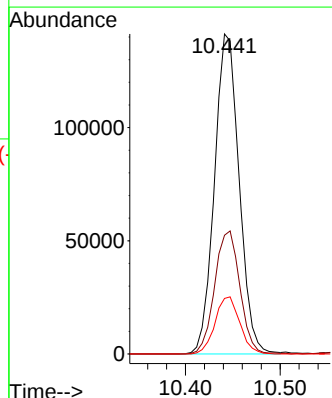
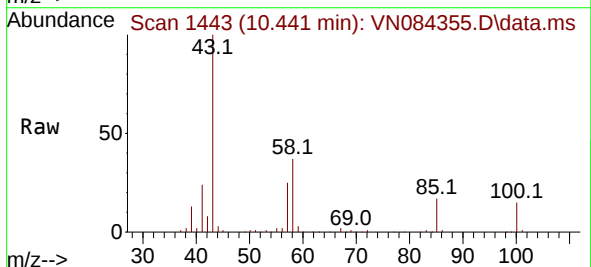
Tgt Ion: 43 Resp: 256151

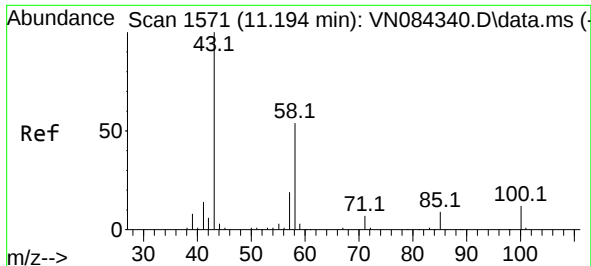
Ion Ratio Lower Upper

43 100

58 39.3 31.9 47.9

85 17.9 14.6 22.0

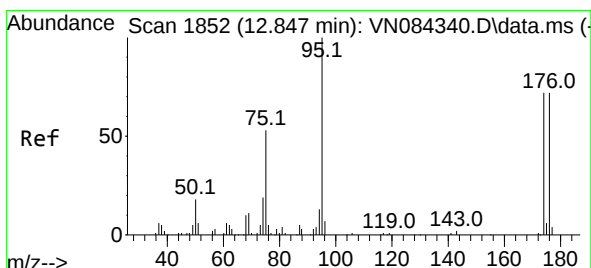
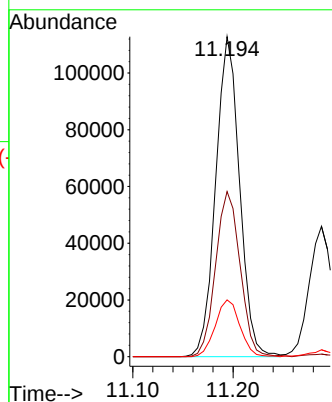
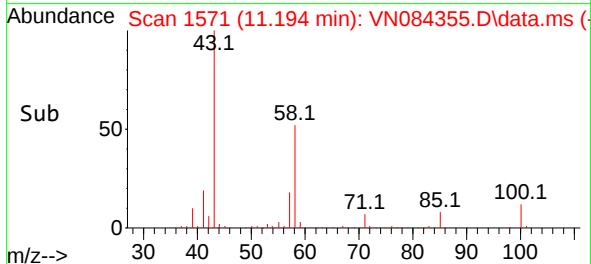
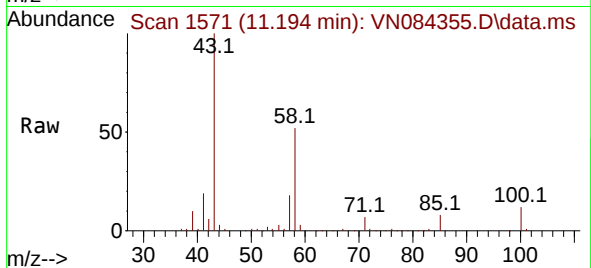




#59
2-Hexanone
Concen: 90.056 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

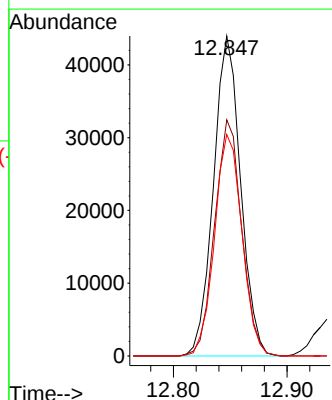
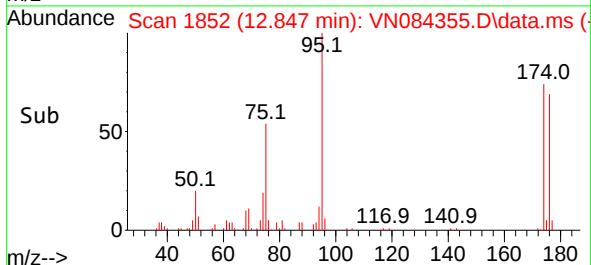
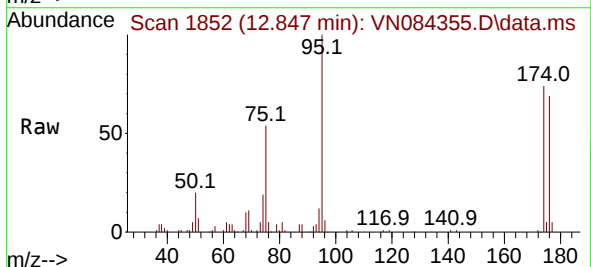
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

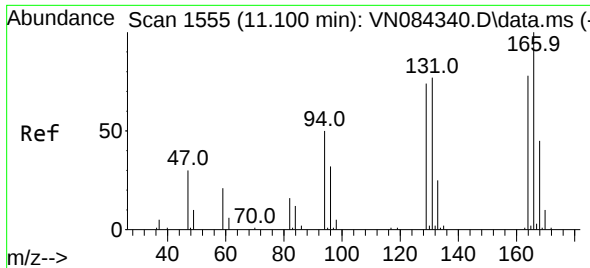
Tgt Ion: 43 Resp: 186516
Ion Ratio Lower Upper
43 100
58 52.9 44.0 66.0
57 18.3 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 29.600 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 95 Resp: 73092
Ion Ratio Lower Upper
95 100
174 73.4 58.2 87.2
176 70.0 56.4 84.6



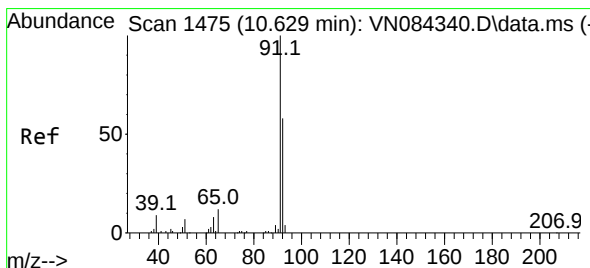
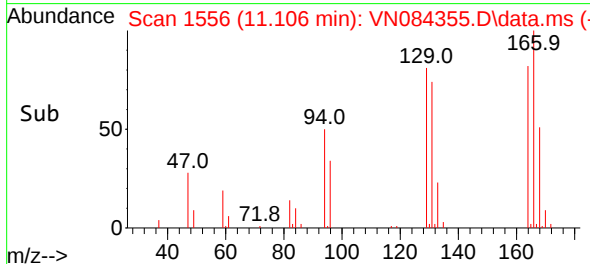
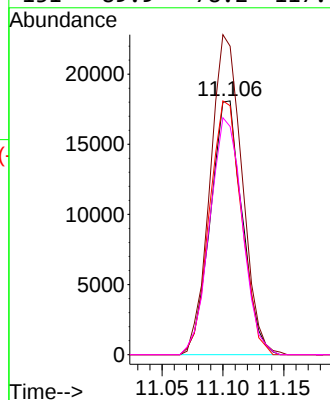
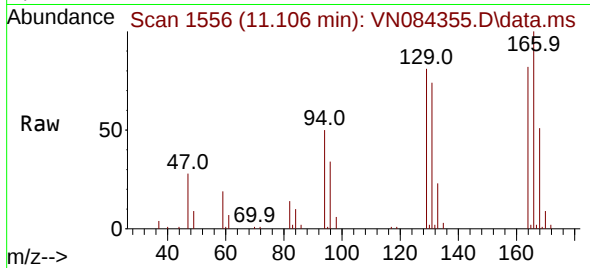


#61
Tetrachloroethene
Concen: 19.450 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:164 Resp: 32918

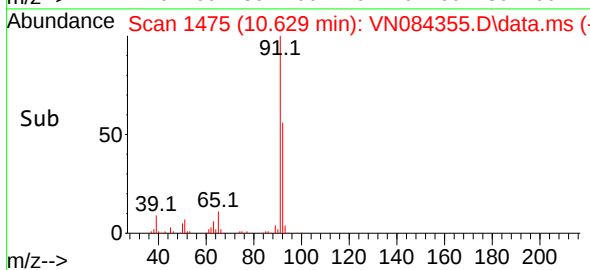
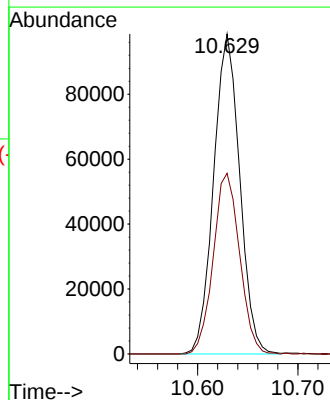
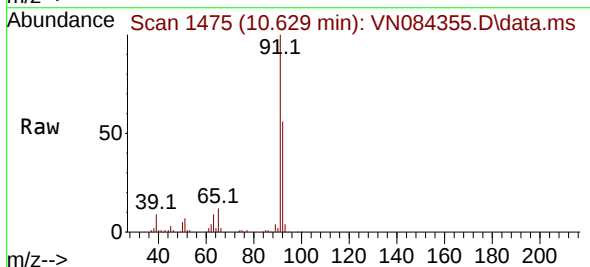
Ion	Ratio	Lower	Upper
164	100		
166	121.6	102.5	153.7
129	98.1	75.7	113.5
131	89.9	78.2	117.4

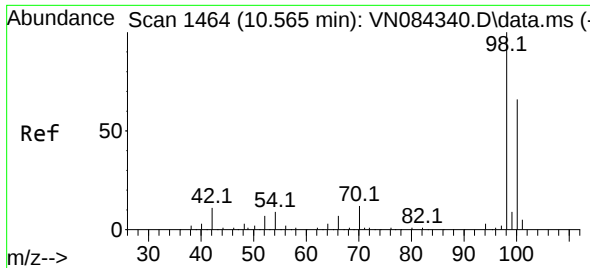


#62
Toluene
Concen: 20.335 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 91 Resp: 178118

Ion	Ratio	Lower	Upper
91	100		
92	57.0	47.2	70.8

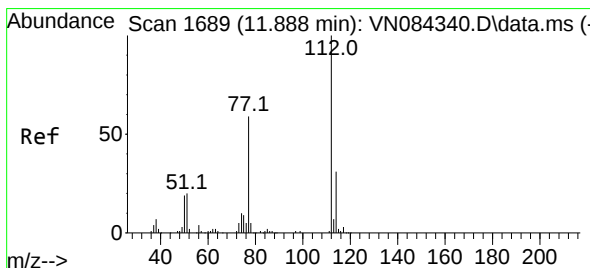
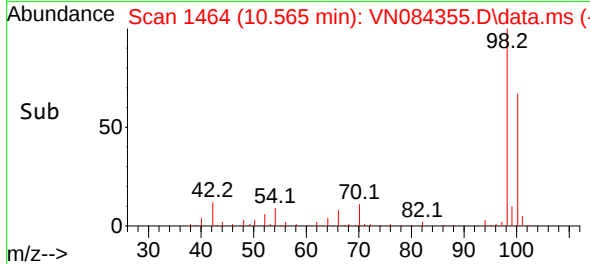
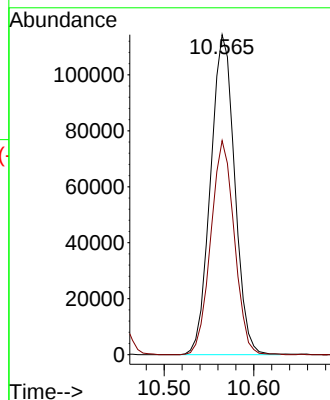
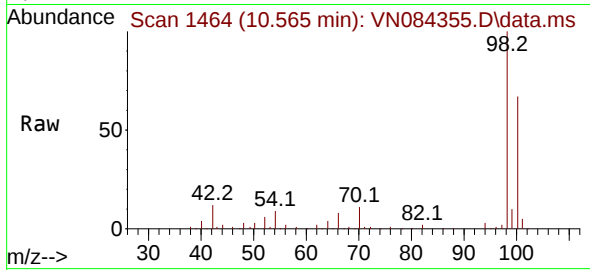




#63
Toluene-d8
Concen: 30.742 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

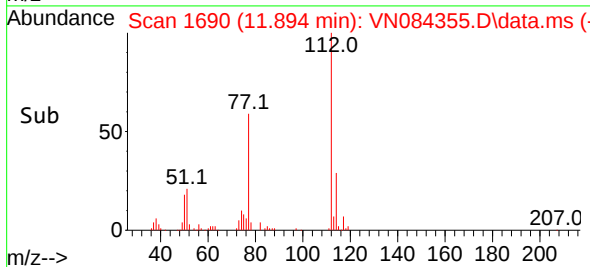
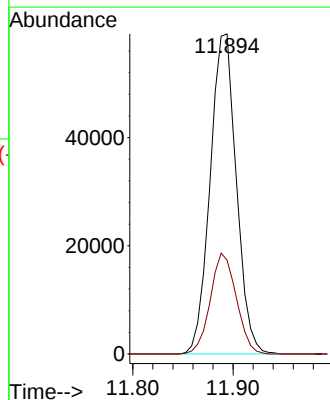
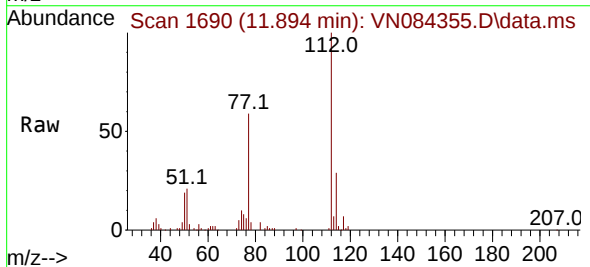
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

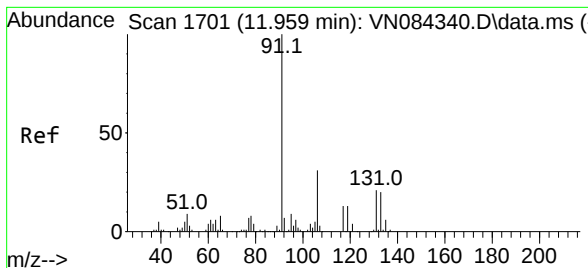
Tgt Ion: 98 Resp: 213083
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#64
Chlorobenzene
Concen: 19.687 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:112 Resp: 107308
Ion Ratio Lower Upper
112 100
114 29.3 25.1 37.7

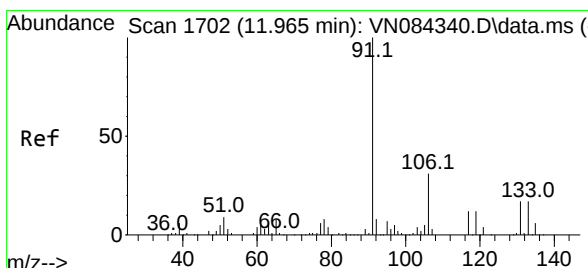
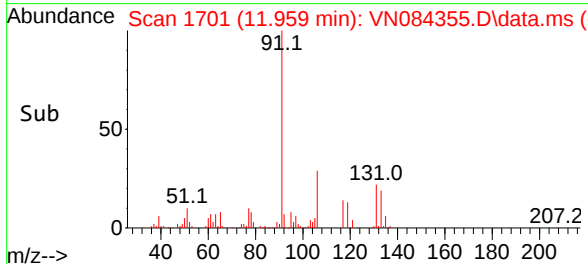
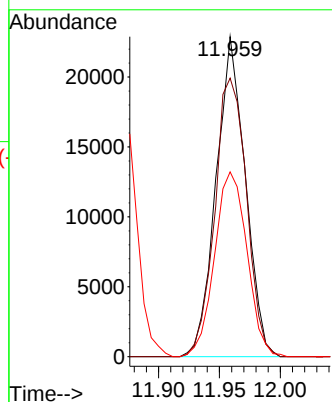
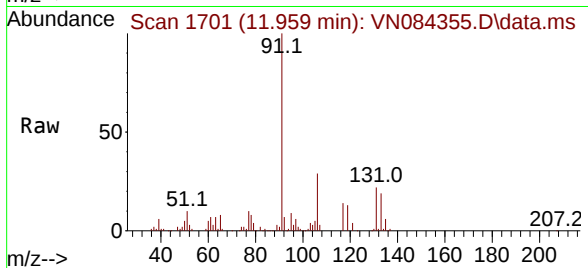




#65
1,1,1,2-Tetrachloroethane
Concen: 20.212 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

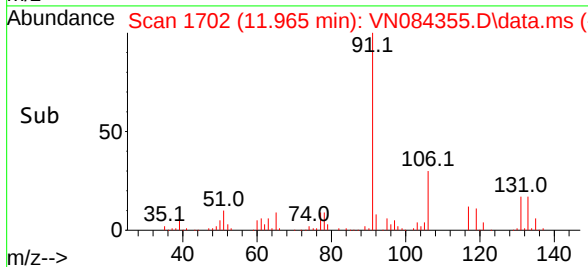
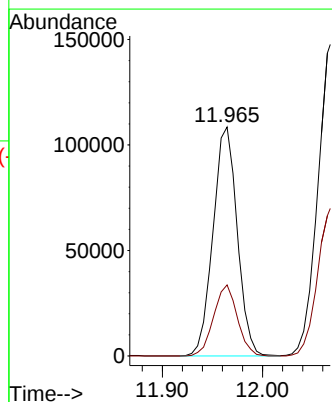
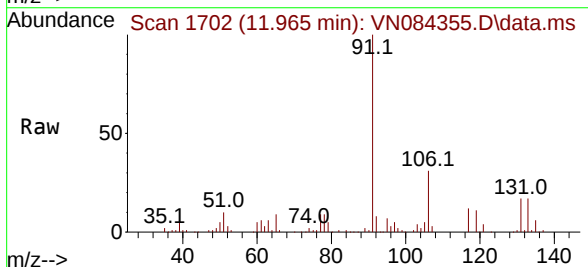
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

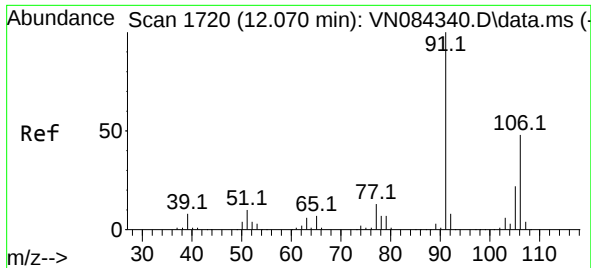
Tgt Ion:131 Resp: 38273
Ion Ratio Lower Upper
131 100
133 94.4 0.0 190.4
119 64.0 0.0 130.0



#66
Ethyl Benzene
Concen: 19.106 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 91 Resp: 181819
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

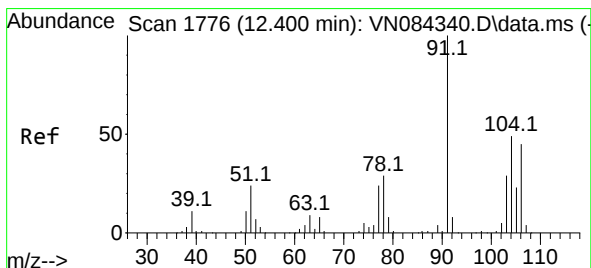
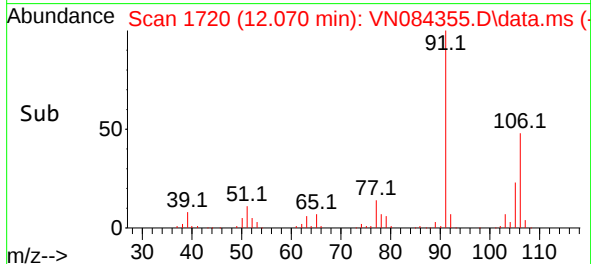
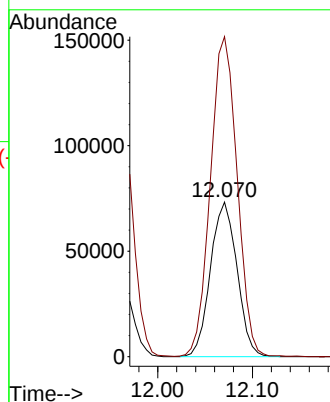
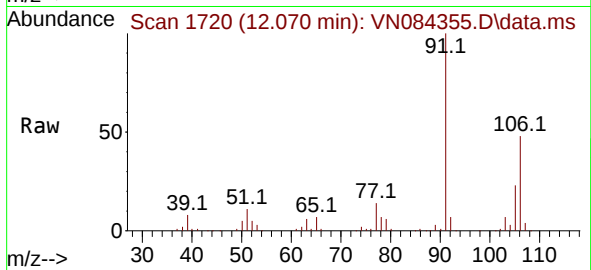




#67
m/p-Xylenes
Concen: 39.605 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

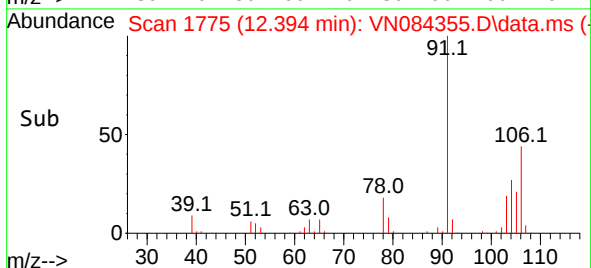
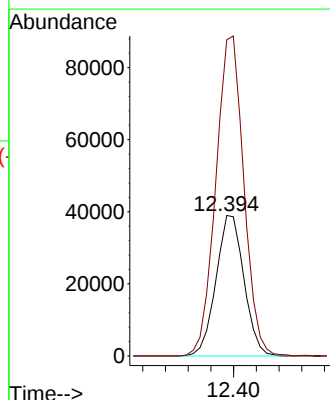
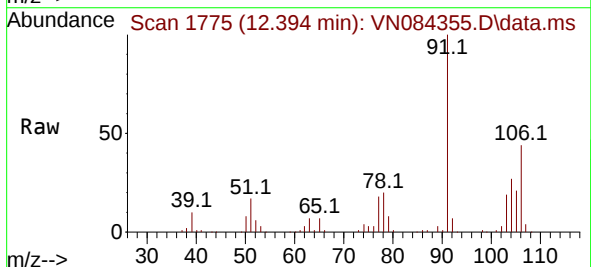
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

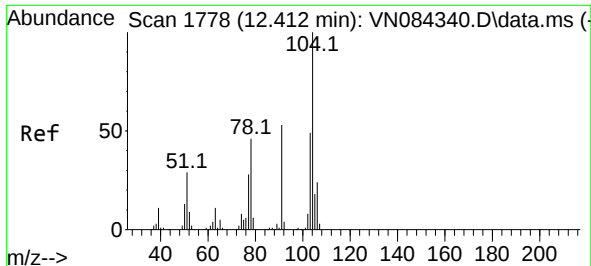
Tgt Ion:106 Resp: 142977
Ion Ratio Lower Upper
106 100
91 208.5 166.7 250.1



#68
o-Xylene
Concen: 19.150 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:106 Resp: 66635
Ion Ratio Lower Upper
106 100
91 227.9 110.9 332.9

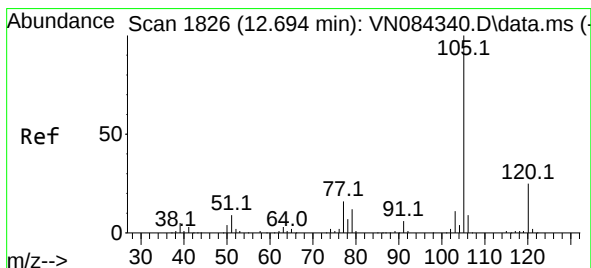
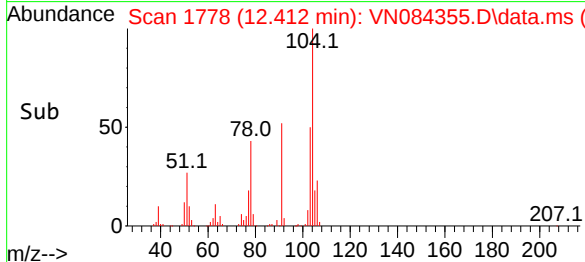
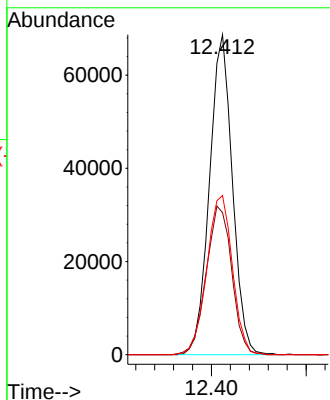
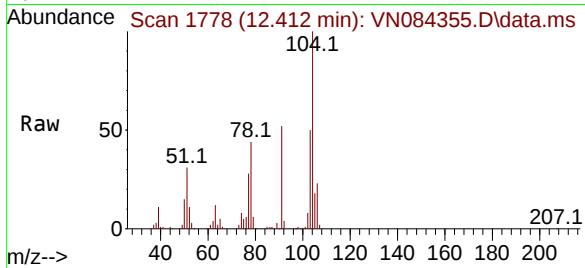




#69
Styrene
Concen: 19.314 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

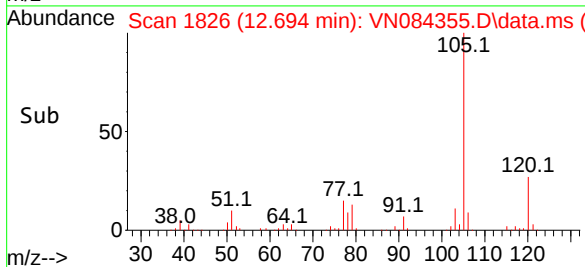
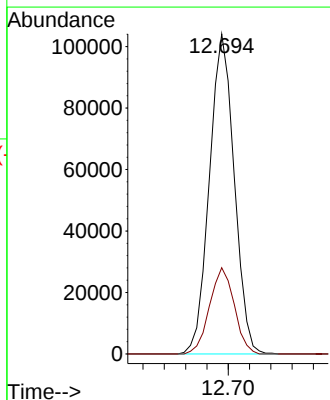
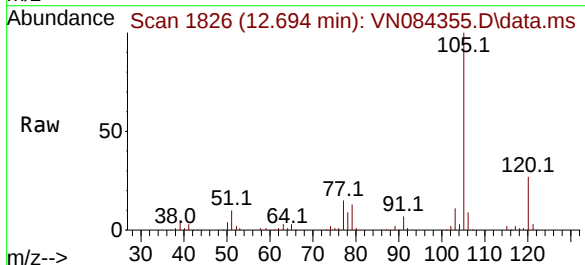
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

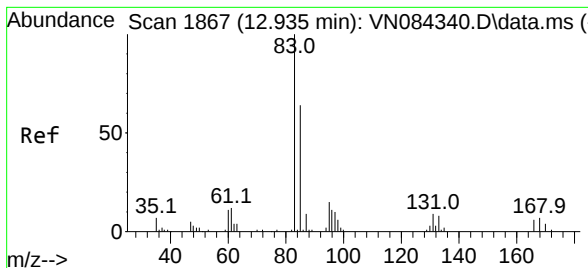
Tgt Ion:104 Resp: 115373
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 55.3 44.4 66.6



#70
Isopropylbenzene
Concen: 18.927 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:105 Resp: 168131
Ion Ratio Lower Upper
105 100
120 26.7 17.4 32.4

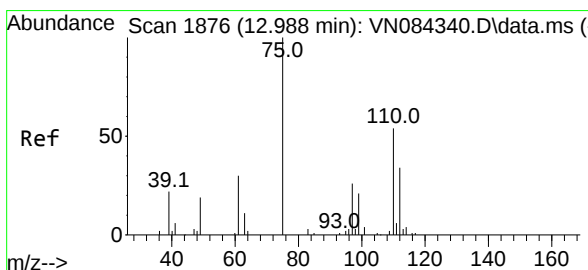
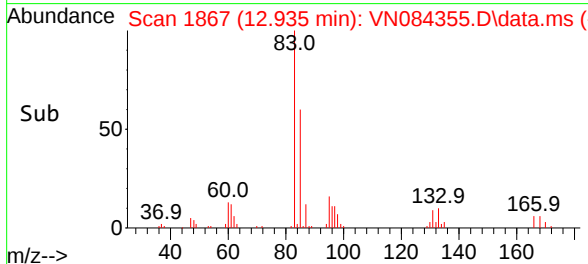
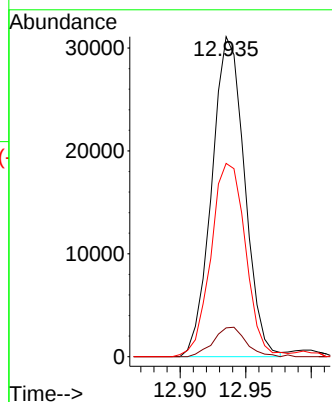
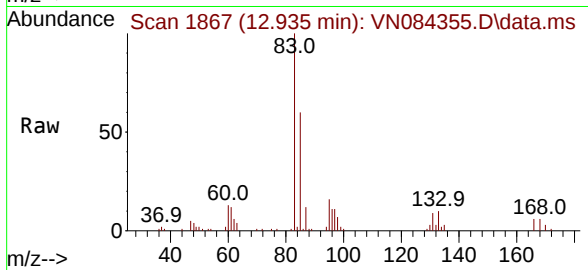




#71
1,1,2,2-Tetrachloroethane
Concen: 19.704 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

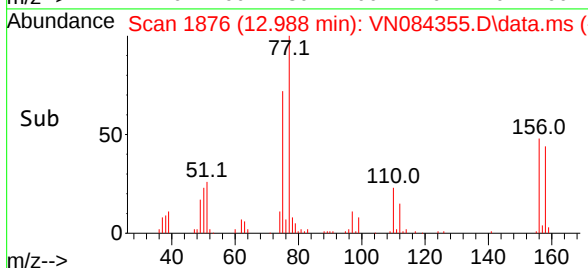
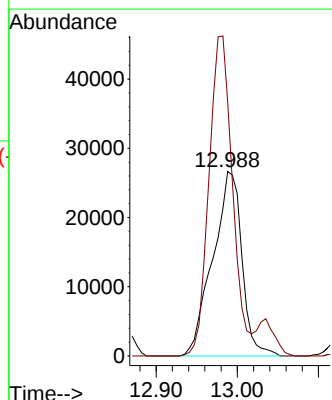
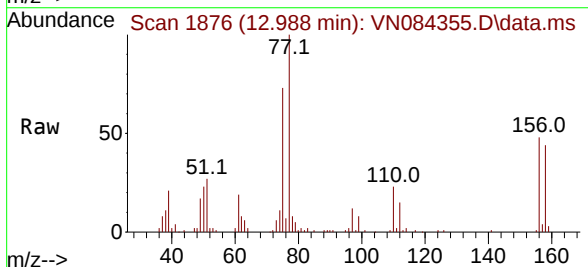
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

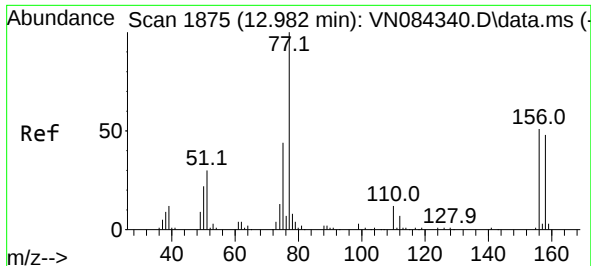
Tgt Ion: 83 Resp: 54147
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.3
85 63.3 32.0 96.2



#72
1,2,3-Trichloropropane
Concen: 28.249 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 75 Resp: 66484
Ion Ratio Lower Upper
75 100
77 140.1 0.0 414.0

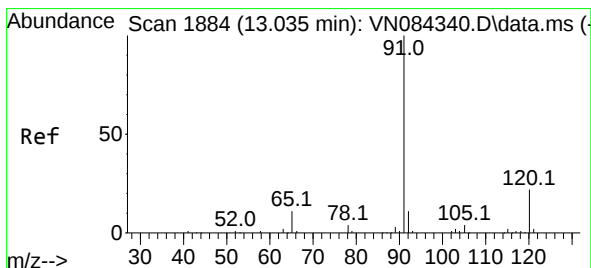
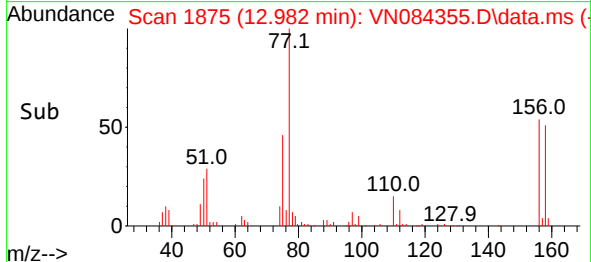
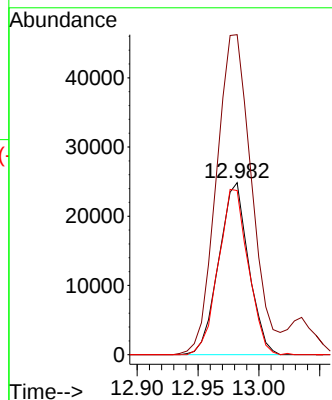
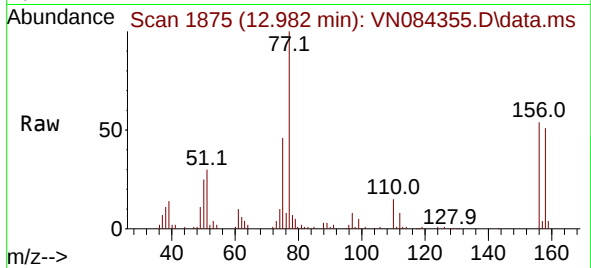




#73
Bromobenzene
Concen: 19.655 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

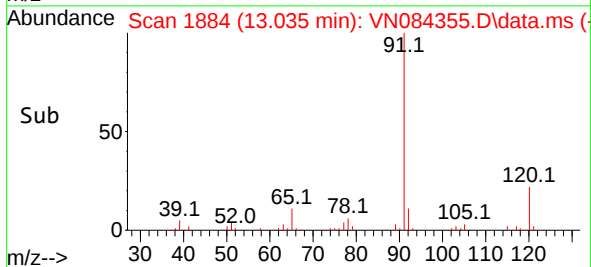
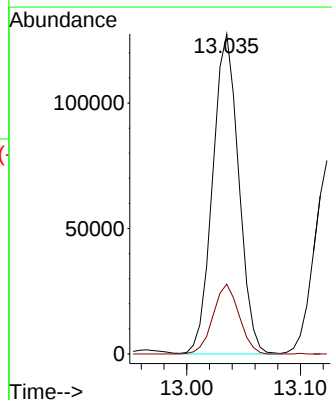
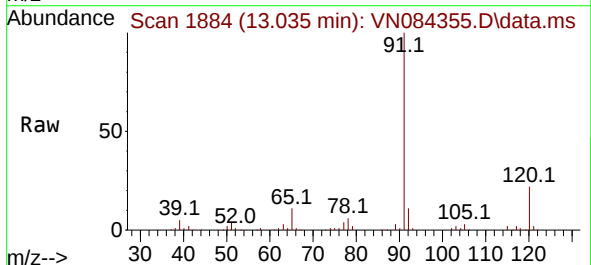
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

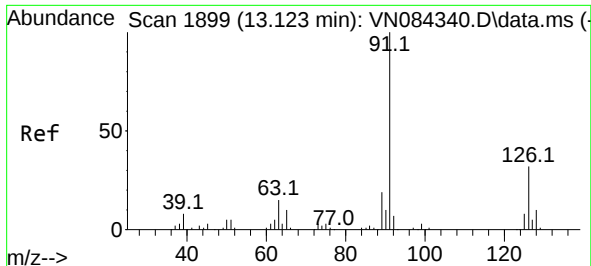
Tgt Ion:156 Resp: 42285
Ion Ratio Lower Upper
156 100
77 220.2 0.0 451.0
158 96.5 0.0 194.6



#74
n-propylbenzene
Concen: 19.202 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 91 Resp: 203271
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.2

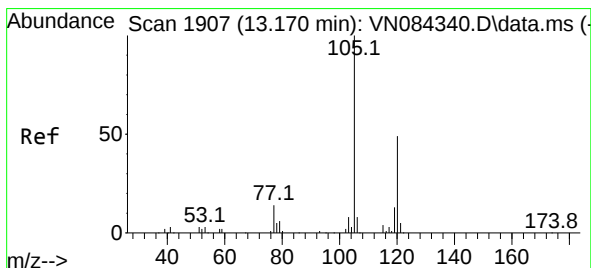
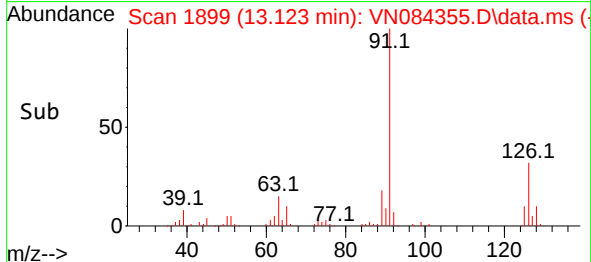
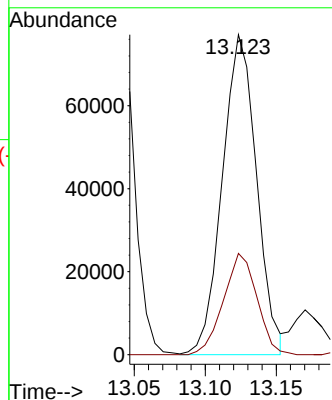
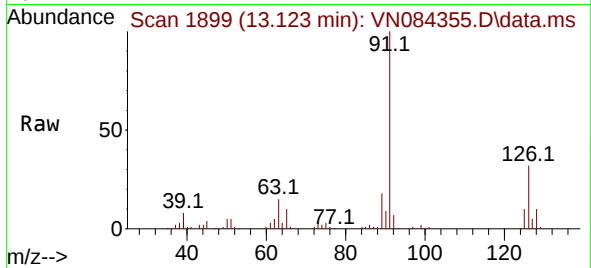




#75
2-Chlorotoluene
Concen: 19.641 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

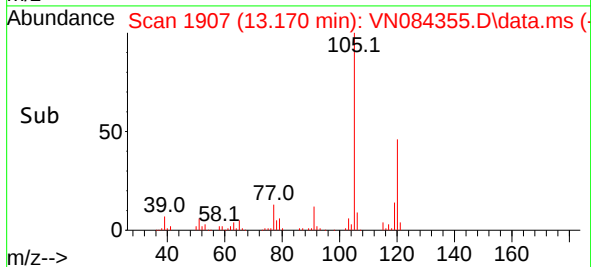
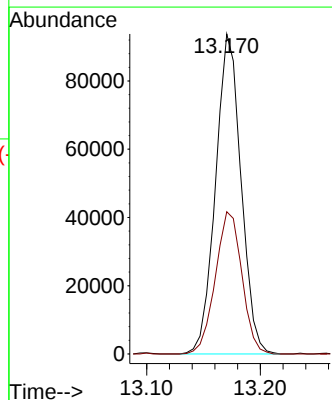
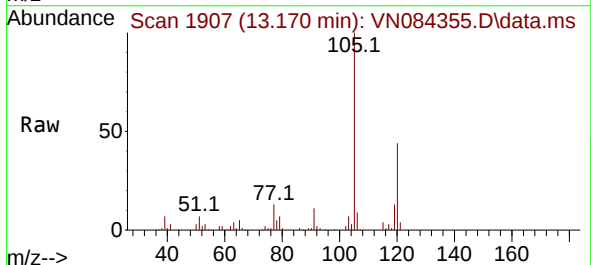
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

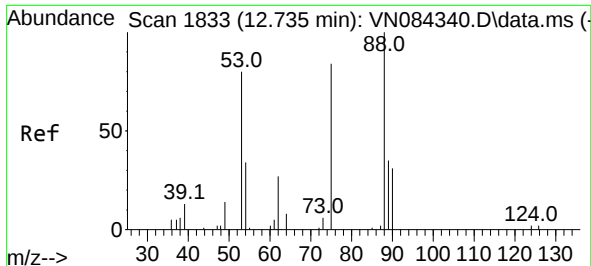
Tgt Ion: 91 Resp: 129200
Ion Ratio Lower Upper
91 100
126 30.9 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 19.514 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 105 Resp: 145959
Ion Ratio Lower Upper
105 100
120 46.4 0.0 94.4

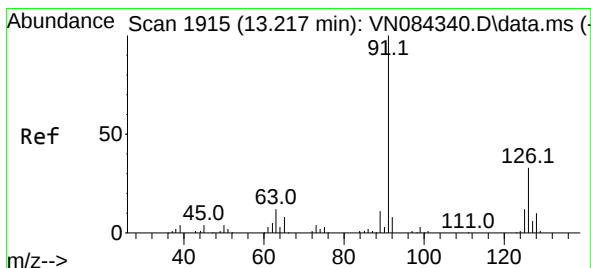
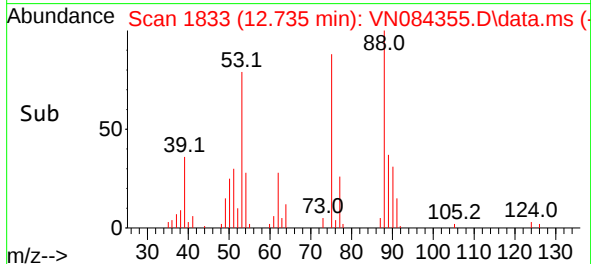
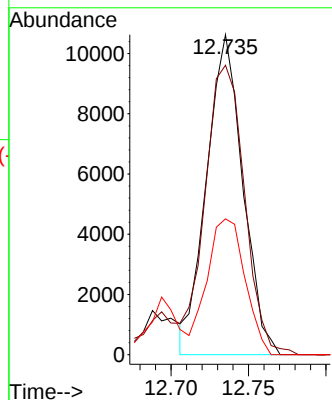
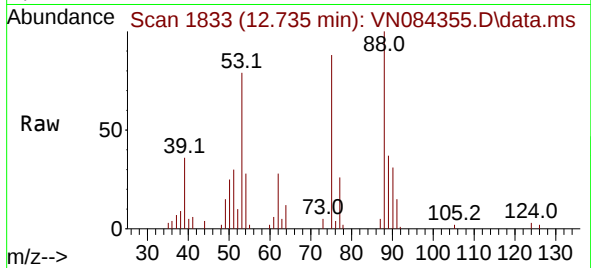




#77
t-1,4-Dichloro-2-butene
Concen: 17.164 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

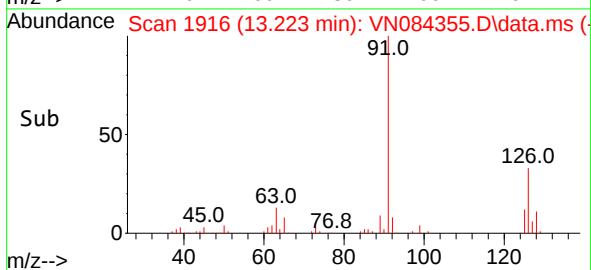
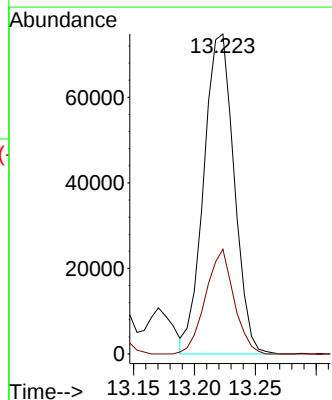
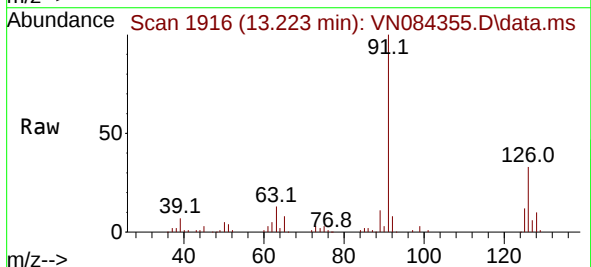
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

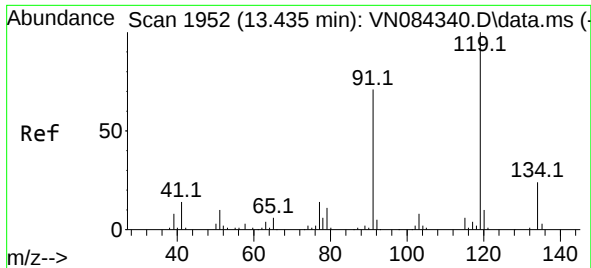
Tgt Ion: 75 Resp: 17262
Ion Ratio Lower Upper
75 100
53 88.5 47.3 142.0
89 42.5 22.9 68.8



#78
4-Chlorotoluene
Concen: 19.450 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 91 Resp: 130078
Ion Ratio Lower Upper
91 100
126 30.5 0.0 62.4

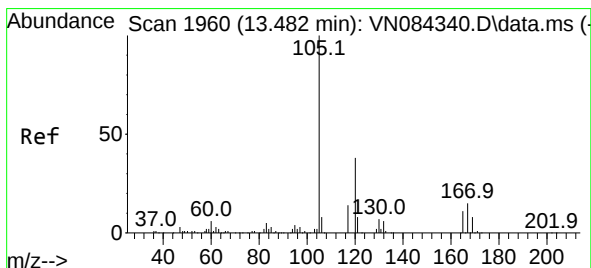
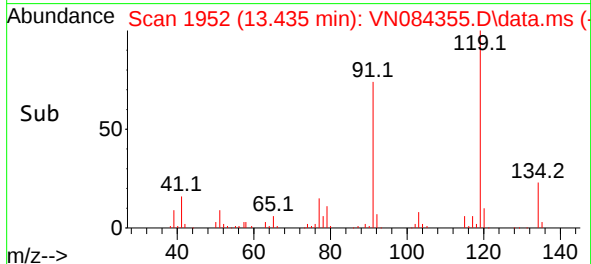
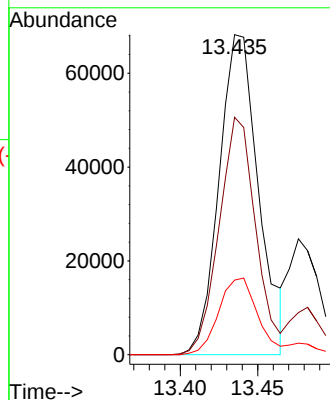
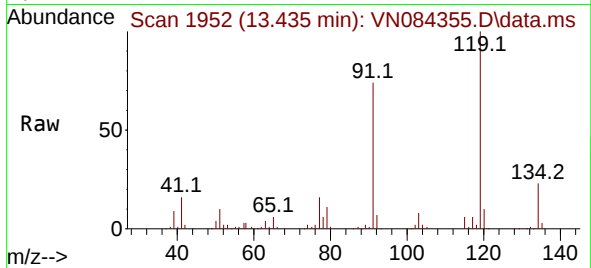




#79
tert-butylbenzene
Concen: 18.951 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

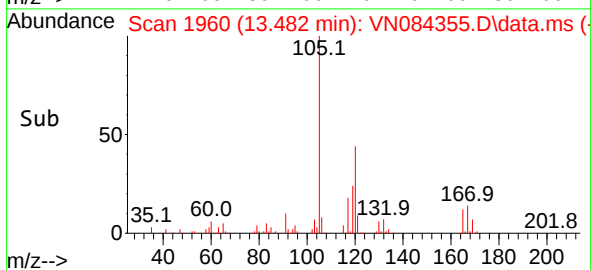
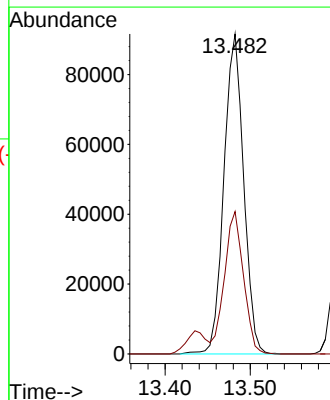
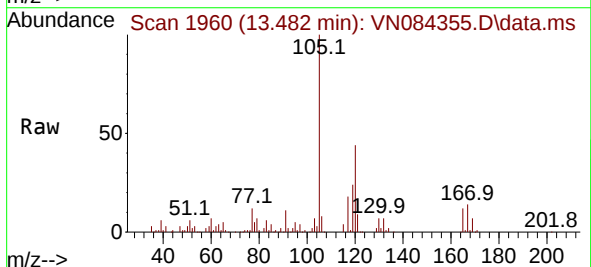
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

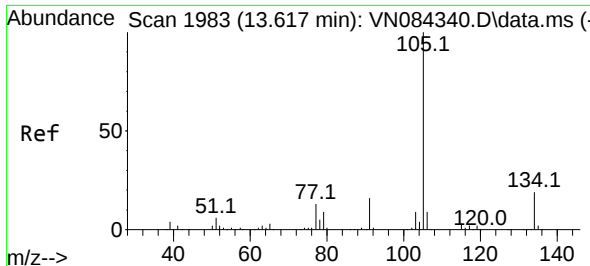
Tgt Ion:119 Resp: 120931
Ion Ratio Lower Upper
119 100
91 68.8 0.0 138.0
134 23.4 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 19.408 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:105 Resp: 147293
Ion Ratio Lower Upper
105 100
120 43.1 0.0 88.8

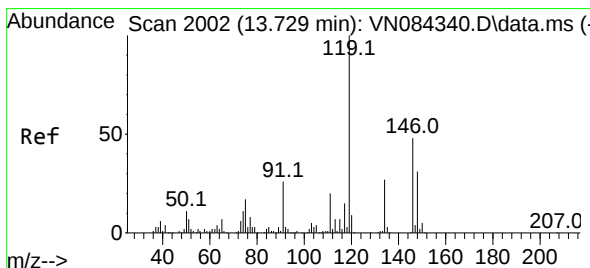
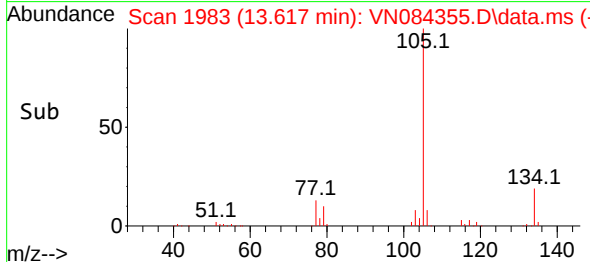
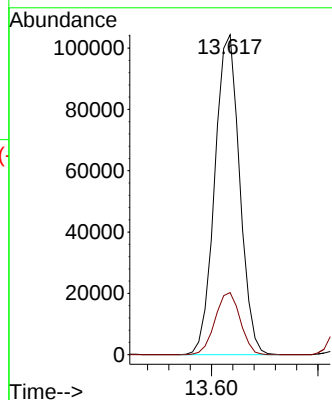
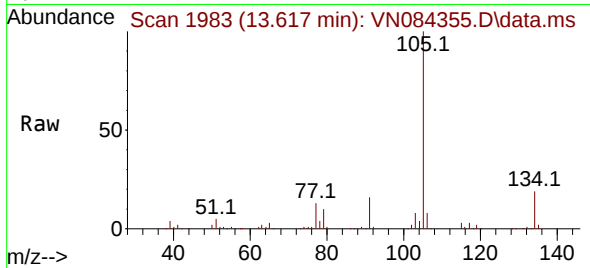




#81
 sec-Butylbenzene
 Concen: 19.234 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

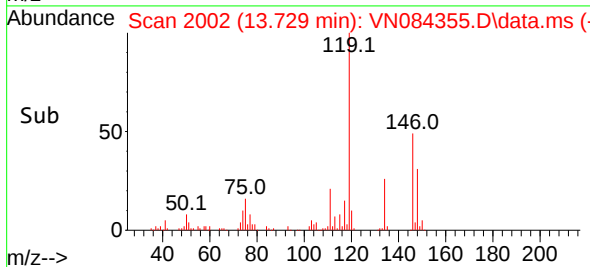
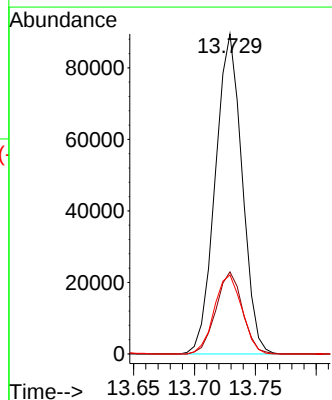
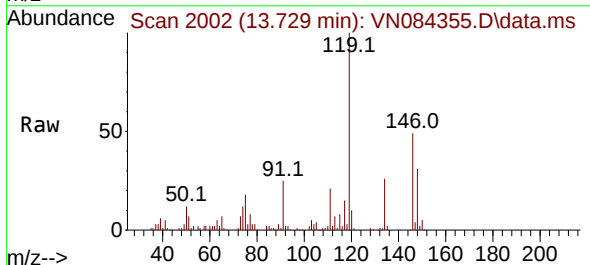
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

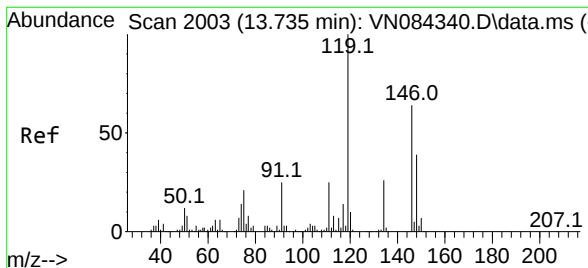
Tgt Ion:105 Resp: 168977
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 18.560 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

Tgt Ion:119 Resp: 137240
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.2
 91 25.5 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 19.297 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

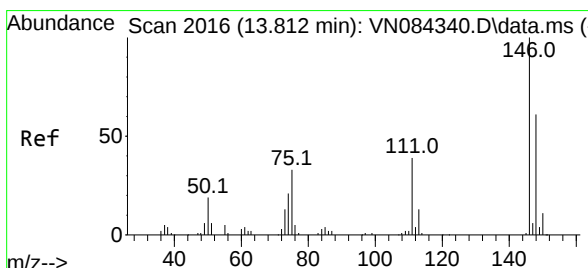
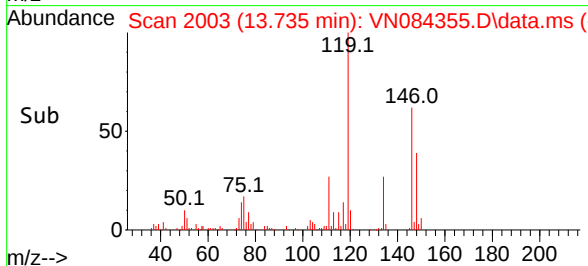
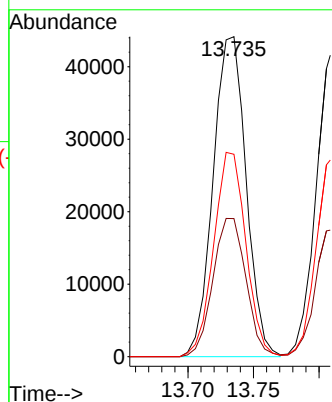
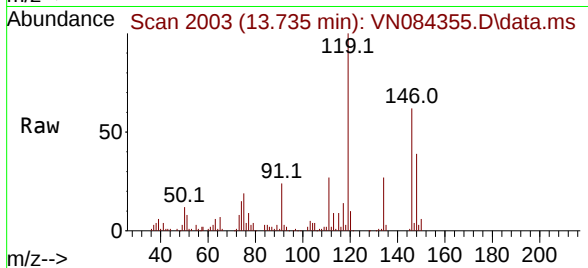
Tgt Ion:146 Resp: 77193

Ion Ratio Lower Upper

146 100

111 43.3 20.6 61.9

148 62.2 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 18.542 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

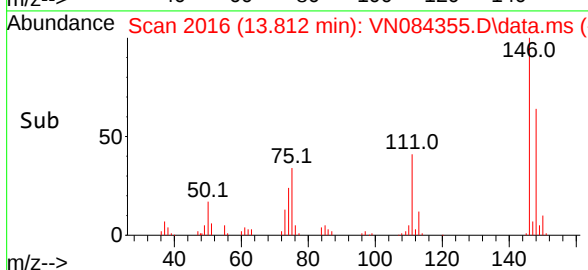
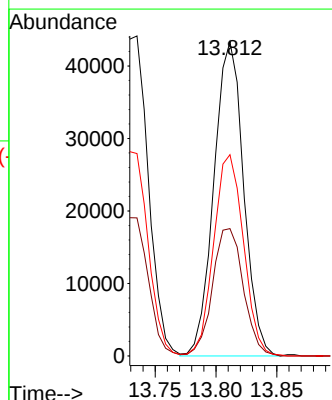
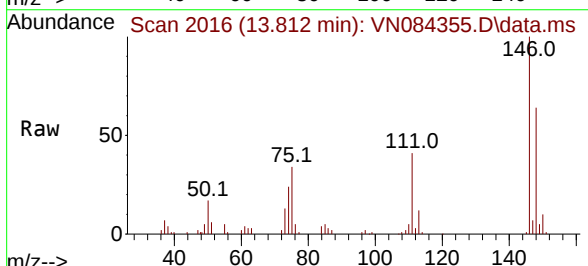
Tgt Ion:146 Resp: 73656

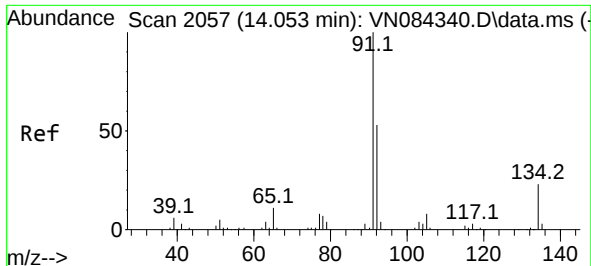
Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.5

148 64.4 32.5 97.4

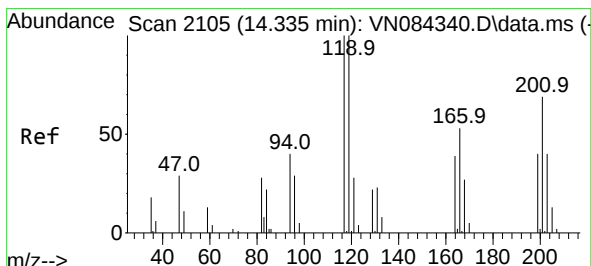
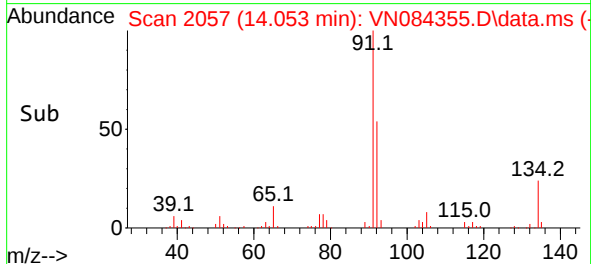
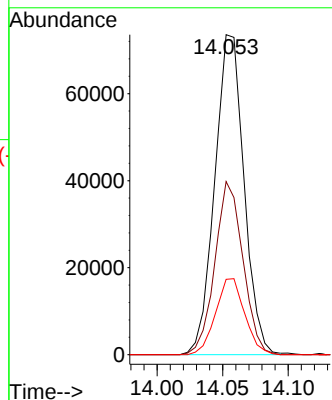
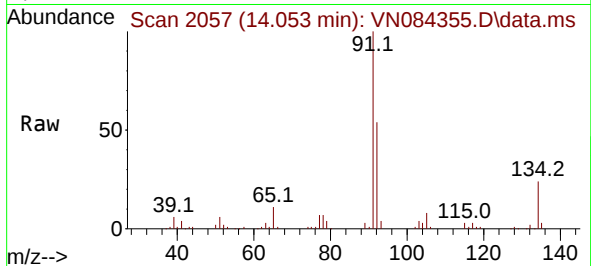




#85
n-Butylbenzene
Concen: 17.816 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

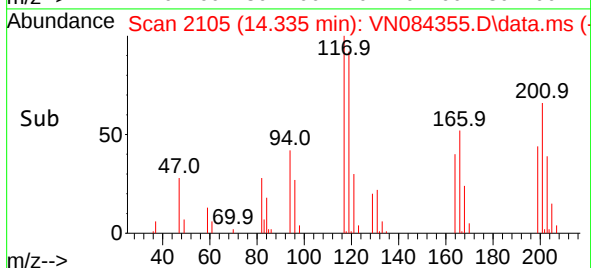
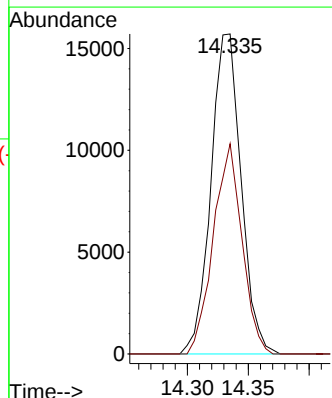
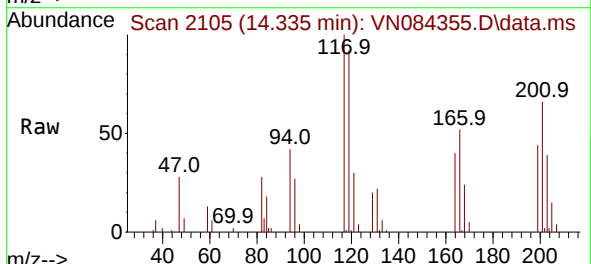
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

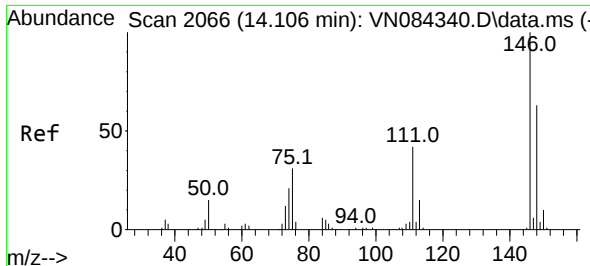
Tgt Ion: 91 Resp: 114099
Ion Ratio Lower Upper
91 100
92 51.8 0.0 103.4
134 23.7 0.0 48.0



#86
Hexachloroethane
Concen: 19.002 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 117 Resp: 27070
Ion Ratio Lower Upper
117 100
201 62.4 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 19.082 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

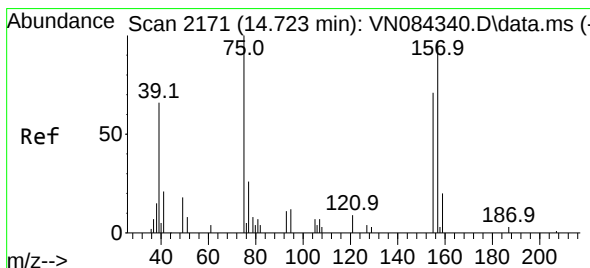
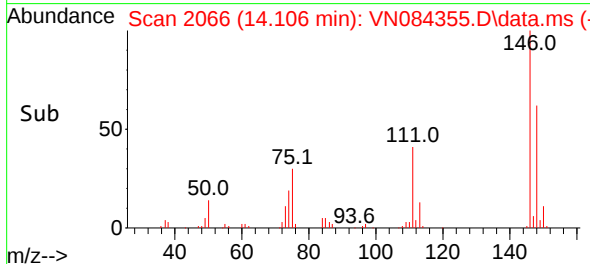
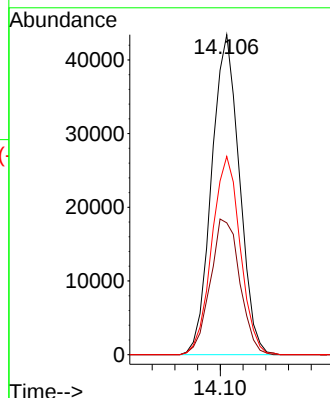
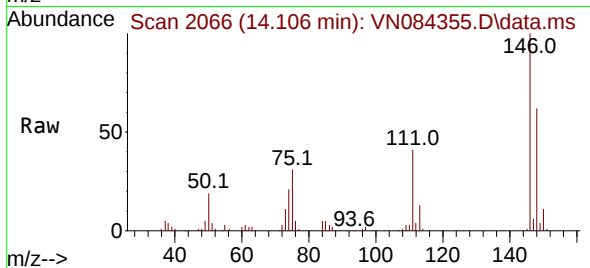
Tgt Ion:146 Resp: 73802

Ion Ratio Lower Upper

146 100

111 45.0 21.9 65.5

148 63.2 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.430 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

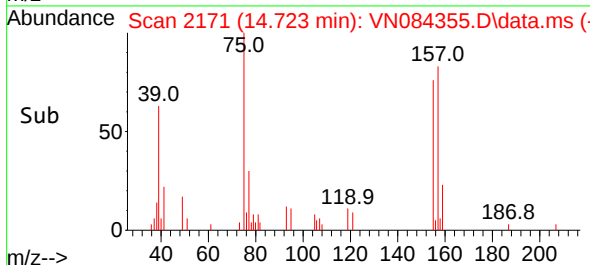
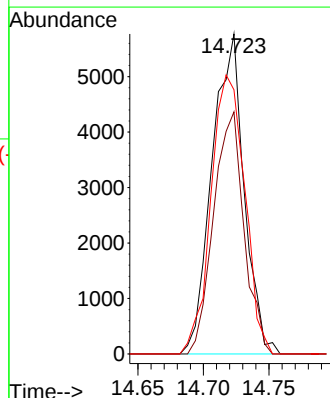
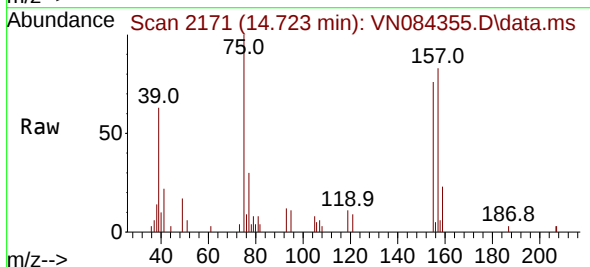
Tgt Ion: 75 Resp: 9795

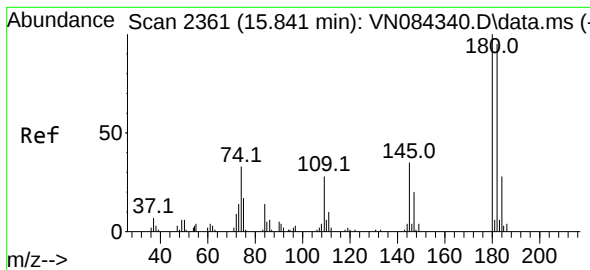
Ion Ratio Lower Upper

75 100

155 71.9 61.8 92.8

157 92.1 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 16.461 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

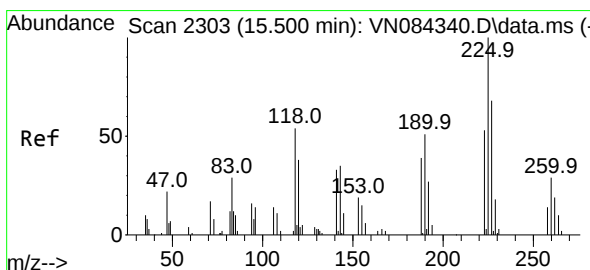
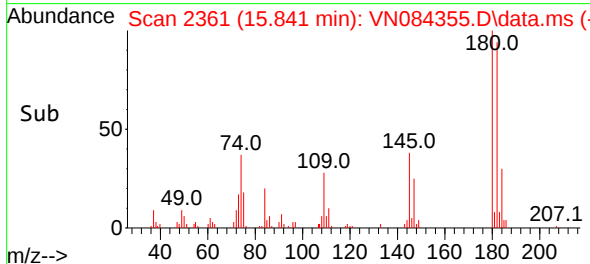
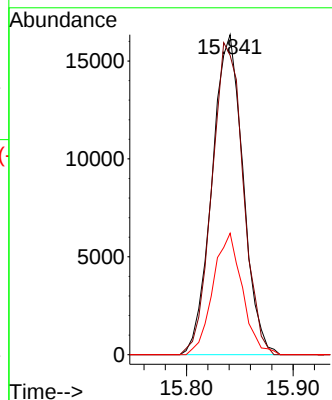
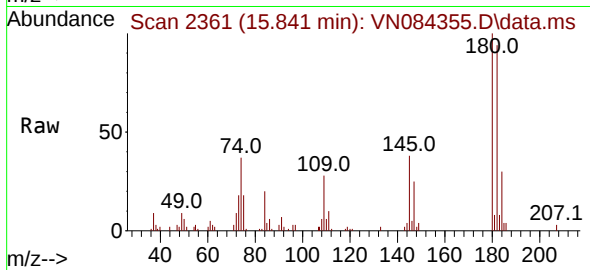
Tgt Ion:180 Resp: 33101

Ion Ratio Lower Upper

180 100

182 97.8 77.8 116.6

145 35.9 28.9 43.3



#90

Hexachlorobutadiene

Concen: 16.938 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

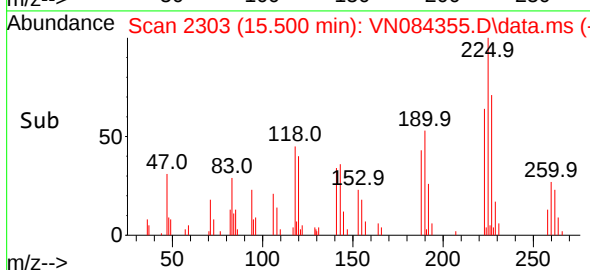
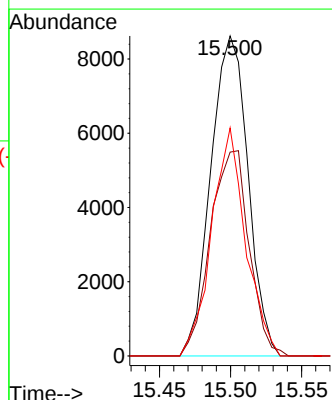
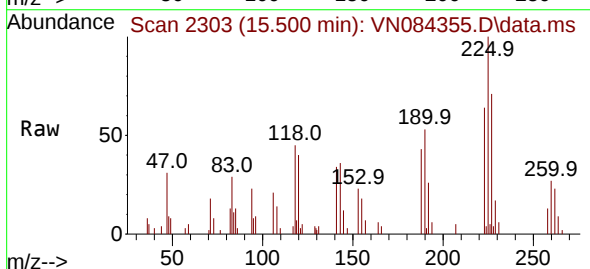
Tgt Ion:225 Resp: 15757

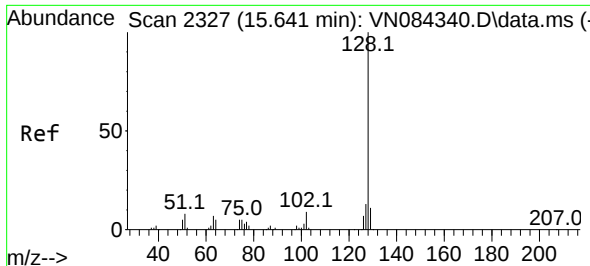
Ion Ratio Lower Upper

225 100

223 66.7 0.0 124.0

227 64.9 0.0 130.8

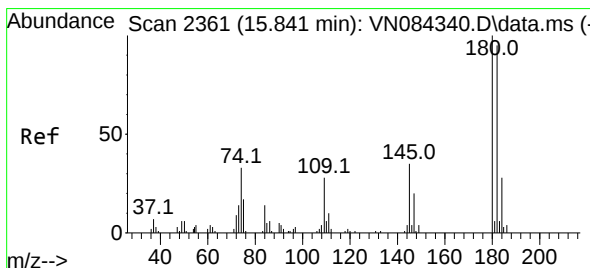
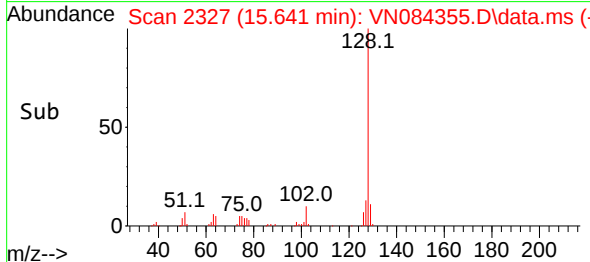
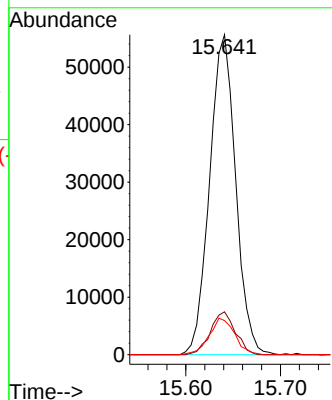
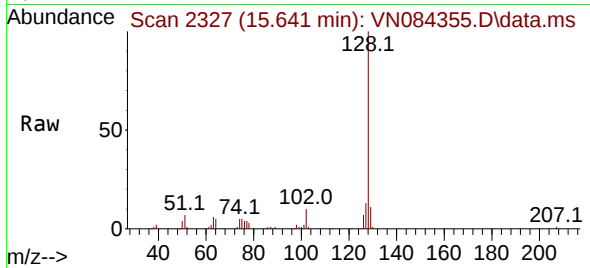




#91
Naphthalene
Concen: 15.612 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 106388
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 16.461 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:180 Resp: 33101
Ion Ratio Lower Upper
180 100
182 97.8 0.0 194.4
145 35.9 0.0 72.2

