

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084031.D
 Acq On : 19 Sep 2024 13:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 20 01:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	146863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111540	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	110389	49.849	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.700%
35) Dibromofluoromethane	8.165	113	80184	48.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	10.565	98	282134	49.572	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.847	95	112242	47.800	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	77154	45.236	ug/l	99
3) Chloromethane	2.359	50	82021	46.981	ug/l	99
4) Vinyl Chloride	2.512	62	82677	44.225	ug/l	96
5) Bromomethane	2.942	94	54390	50.672	ug/l	98
6) Chloroethane	3.112	64	54331	41.431	ug/l #	87
7) Trichlorofluoromethane	3.489	101	149743	47.188	ug/l	96
8) Diethyl Ether	3.959	74	52375	49.237	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	82200	48.871	ug/l	99
10) Methyl Iodide	4.589	142	103432	48.351	ug/l	100
11) Tert butyl alcohol	5.518	59	95940	323.531	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	75887	47.774	ug/l	100
13) Acrolein	4.177	56	71170	243.244	ug/l	99
14) Allyl chloride	5.018	41	134831	47.636	ug/l	94
15) Acrylonitrile	5.718	53	227627	282.260	ug/l	99
16) Acetone	4.430	43	236455	266.358	ug/l	97
17) Carbon Disulfide	4.706	76	182169	40.997	ug/l	99
18) Methyl Acetate	5.030	43	110852	60.315	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	300751	52.322	ug/l	99
20) Methylene Chloride	5.277	84	88818	48.892	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	78428	46.070	ug/l	87
22) Diisopropyl ether	6.671	45	308562	52.958	ug/l	96
23) Vinyl Acetate	6.600	43	1189772	278.838	ug/l	98
24) 1,1-Dichloroethane	6.571	63	166856	49.707	ug/l	98
25) 2-Butanone	7.483	43	331287	283.931	ug/l	99
26) 2,2-Dichloropropane	7.488	77	158873	51.392	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	99962	49.465	ug/l	97
28) Bromochloromethane	7.812	49	69121	48.896	ug/l	94
29) Tetrahydrofuran	7.841	42	204809	296.863	ug/l	98
30) Chloroform	7.965	83	180075	50.530	ug/l	97
31) Cyclohexane	8.253	56	134433	42.003	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	164790	50.289	ug/l	97
36) 1,1-Dichloropropene	8.371	75	118861	47.967	ug/l	99
37) Ethyl Acetate	7.559	43	131100	58.286	ug/l	97
38) Carbon Tetrachloride	8.359	117	141615	50.375	ug/l	98
39) Methylcyclohexane	9.600	83	131398	46.586	ug/l	97
40) Benzene	8.606	78	365462	49.000	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74545	56.035	ug/l	98
42) 1,2-Dichloroethane	8.671	62	146183	52.453	ug/l	99
43) Isopropyl Acetate	8.688	43	241430	59.233	ug/l	100
44) Trichloroethene	9.353	130	84181	48.740	ug/l	87
45) 1,2-Dichloropropane	9.618	63	92432	51.276	ug/l	95
46) Dibromomethane	9.706	93	66945	53.020	ug/l	97
47) Bromodichloromethane	9.888	83	146453	53.595	ug/l	98
48) Methyl methacrylate	9.682	41	111855	57.842	ug/l	98
49) 1,4-Dioxane	9.694	88	36404	1144.348	ug/l #	99
51) 4-Methyl-2-Pentanone	10.441	43	682642	307.671	ug/l	97
52) Toluene	10.629	92	231815	50.814	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	150215	54.233	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	153373	52.715	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	87494	51.372	ug/l	96
56) Ethyl methacrylate	10.871	69	155498	59.342	ug/l	96
57) 1,3-Dichloropropane	11.165	76	154376	52.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	312267	330.730	ug/l	96
59) 2-Hexanone	11.194	43	506840	308.812	ug/l	97
60) Dibromochloromethane	11.359	129	105895	55.557	ug/l	100
61) 1,2-Dibromoethane	11.471	107	89542	52.716	ug/l	100
64) Tetrachloroethene	11.106	164	71743	47.461	ug/l	96
65) Chlorobenzene	11.888	112	244231	48.344	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	89827	51.290	ug/l	99
67) Ethyl Benzene	11.965	91	460936	51.361	ug/l	99
68) m/p-Xylenes	12.070	106	341731	102.565	ug/l	100
69) o-Xylene	12.400	106	167920	52.060	ug/l	97
70) Styrene	12.412	104	285676	53.967	ug/l	99
71) Bromoform	12.576	173	68288	57.863	ug/l #	99
73) Isopropylbenzene	12.694	105	437576	50.707	ug/l	99
74) N-amyl acetate	12.494	43	214428	58.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	131192	51.742	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	178555	79.335	ug/l	59
77) Bromobenzene	12.982	156	98829	47.578	ug/l	97
78) n-propylbenzene	13.035	91	513272	51.120	ug/l	100
79) 2-Chlorotoluene	13.123	91	317980	49.659	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	368827	50.695	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	47616	55.410	ug/l	86
82) 4-Chlorotoluene	13.217	91	324822	50.550	ug/l	99
83) tert-Butylbenzene	13.435	119	321593	50.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	374997	51.311	ug/l	99
85) sec-Butylbenzene	13.617	105	439317	52.041	ug/l	99
86) p-Isopropyltoluene	13.729	119	367438	51.924	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	188799	48.161	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	187649	47.273	ug/l	99
89) n-Butylbenzene	14.053	91	325146	51.176	ug/l	99
90) Hexachloroethane	14.335	117	69663	48.973	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	188073	49.711	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28603	56.591	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	93010	45.813	ug/l	99
94) Hexachlorobutadiene	15.500	225	39704	46.050	ug/l	99
95) Naphthalene	15.641	128	322475	52.208	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	90554	46.670	ug/l	99

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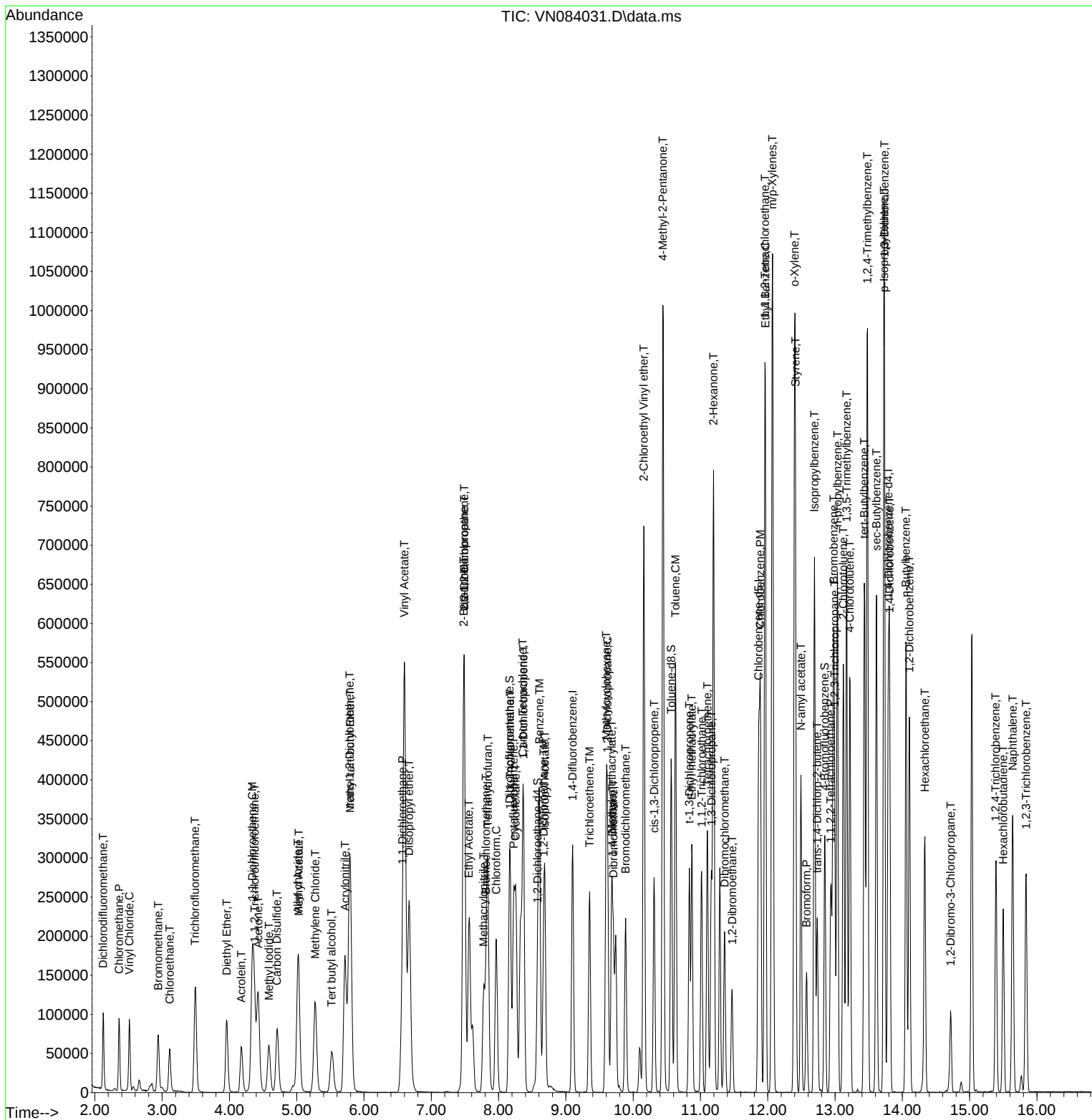
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

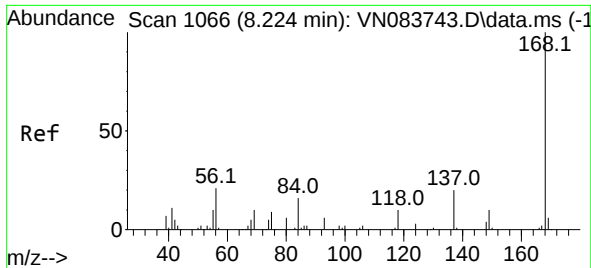
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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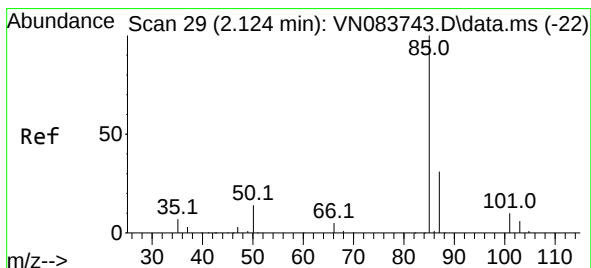
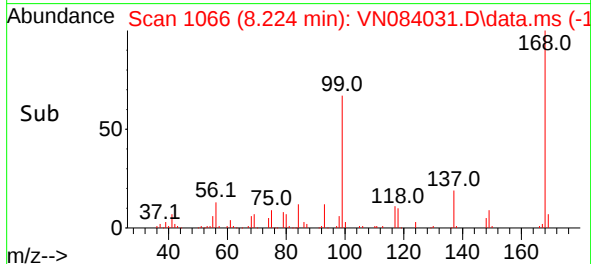
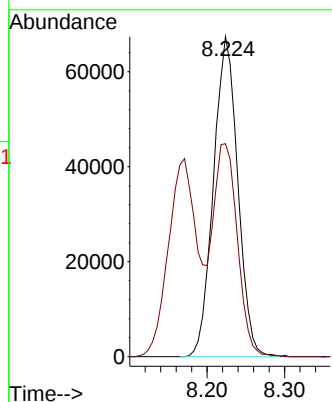
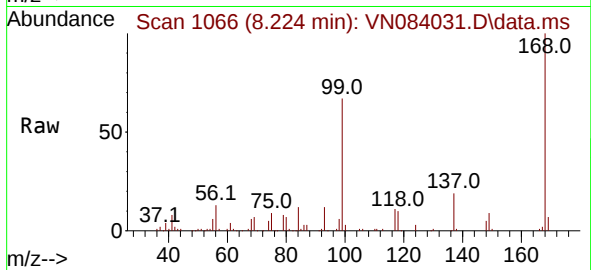




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084031.D
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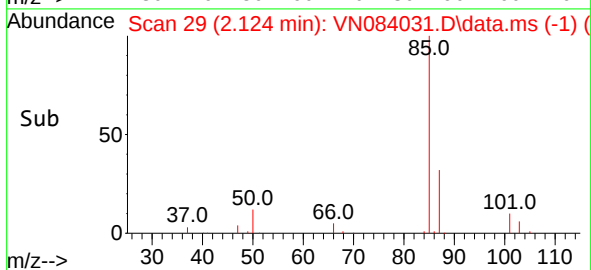
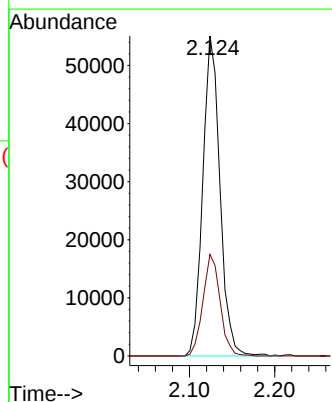
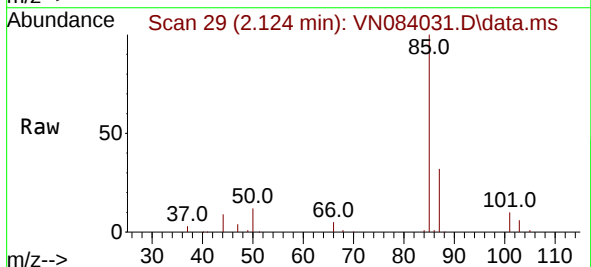
Instrument :
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ClientSampleId :
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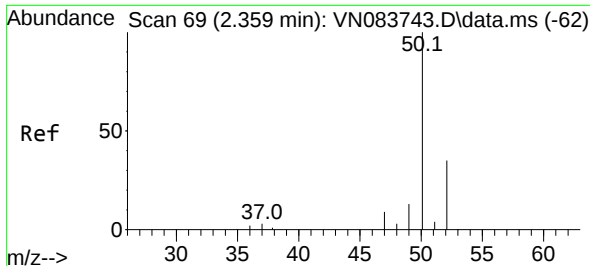
Tgt Ion:168 Resp: 146863
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 45.236 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 85 Resp: 77154
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0

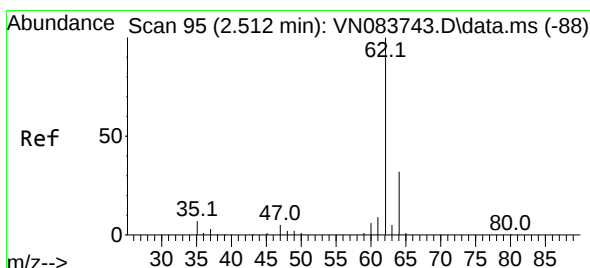
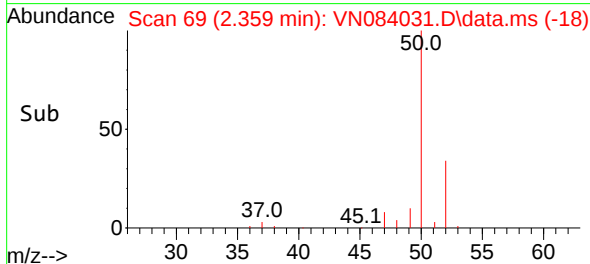
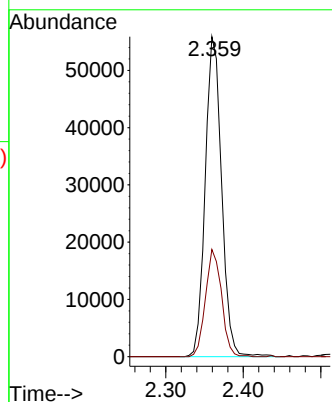
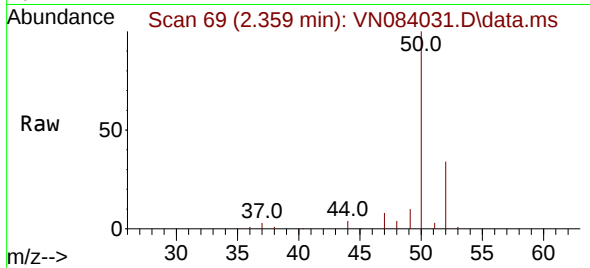




#3
Chloromethane
Concen: 46.981 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

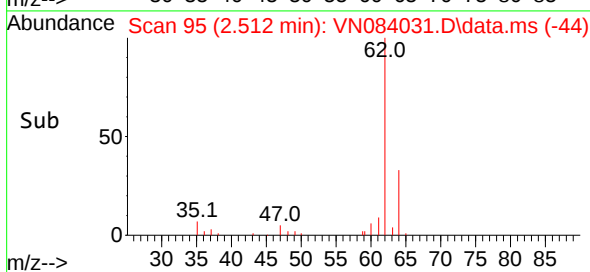
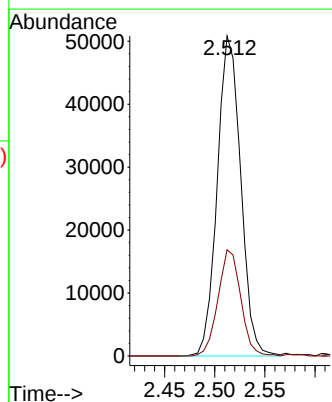
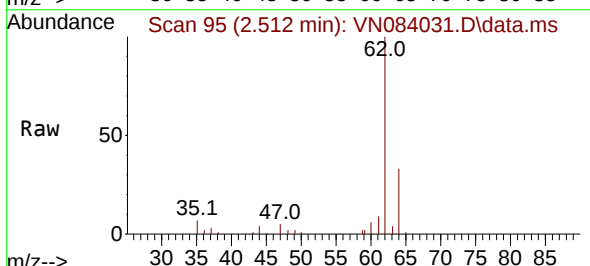
Instrument :
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ClientSampleId :
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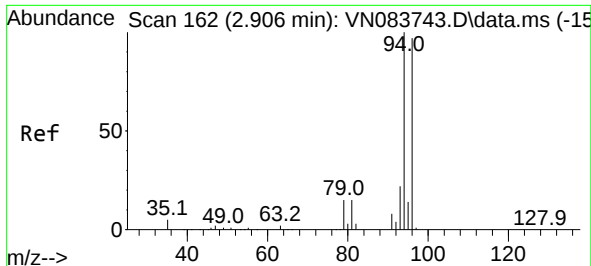
Tgt Ion: 50 Resp: 82021
Ion Ratio Lower Upper
50 100
52 33.5 27.2 40.8



#4
Vinyl Chloride
Concen: 44.225 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 62 Resp: 82677
Ion Ratio Lower Upper
62 100
64 33.2 24.7 37.1

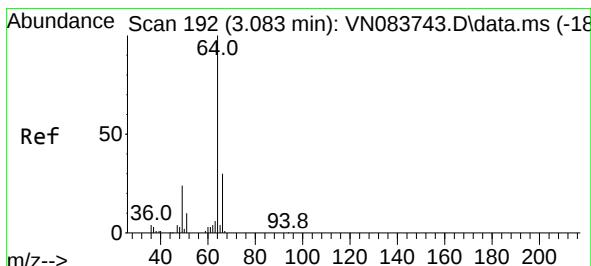
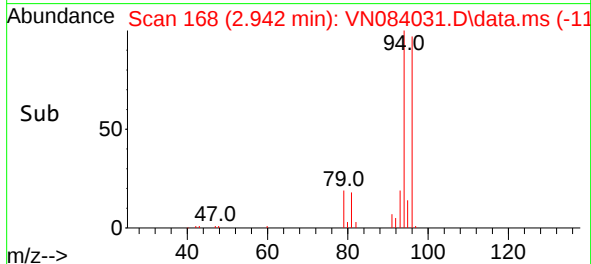
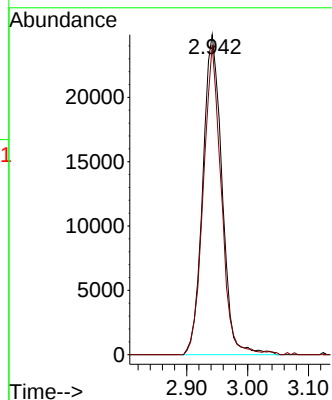
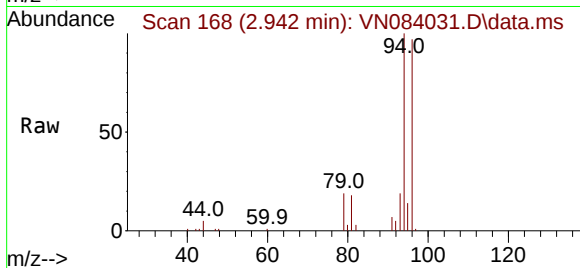




#5
Bromomethane
Concen: 50.672 ug/l
RT: 2.942 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

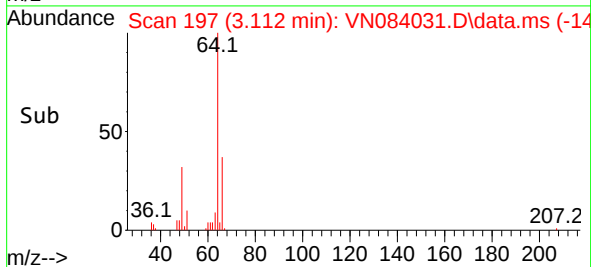
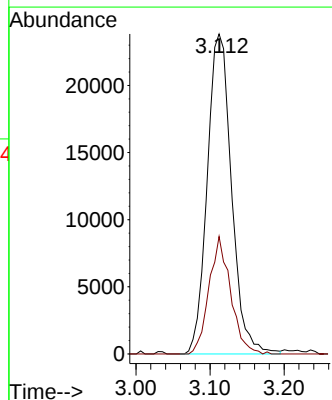
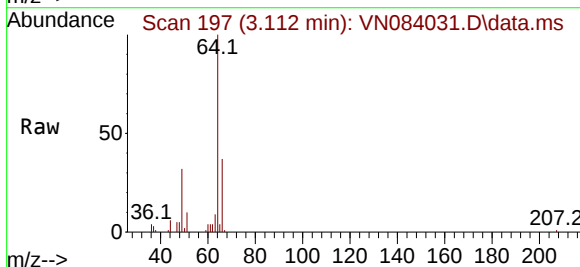
Instrument :
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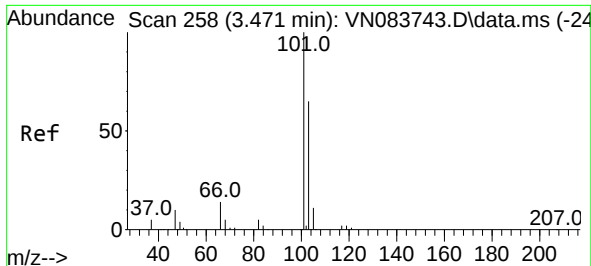
Tgt Ion: 94 Resp: 54390
Ion Ratio Lower Upper
94 100
96 96.8 76.0 114.0



#6
Chloroethane
Concen: 41.431 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.029 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 64 Resp: 54331
Ion Ratio Lower Upper
64 100
66 36.7 23.9 35.9#

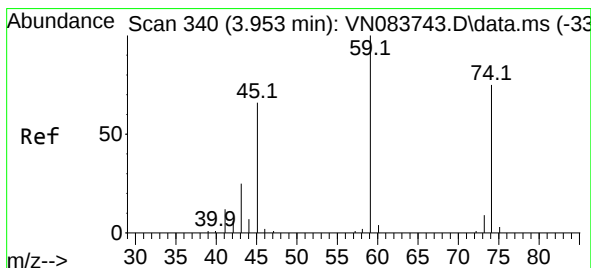
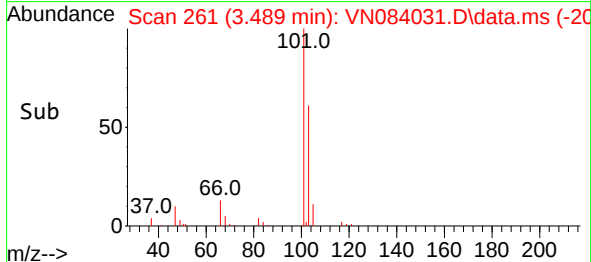
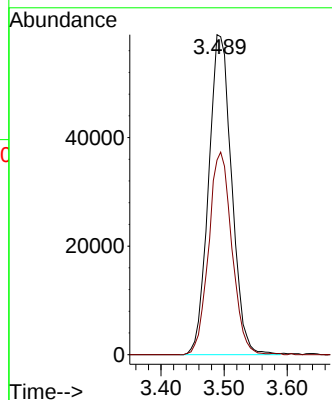
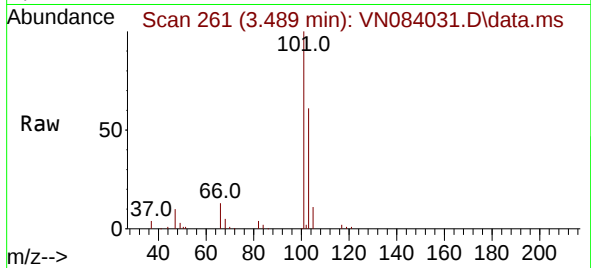




#7
Trichlorofluoromethane
Concen: 47.188 ug/l
RT: 3.489 min Scan# 20
Delta R.T. 0.018 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

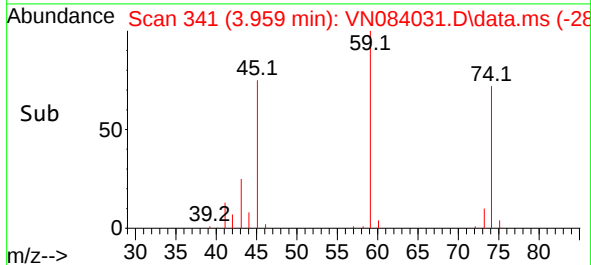
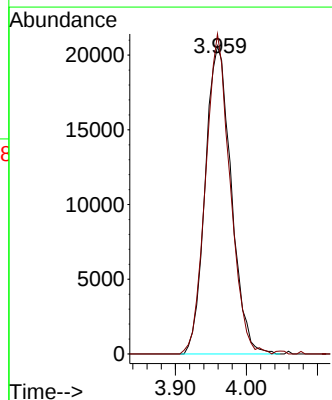
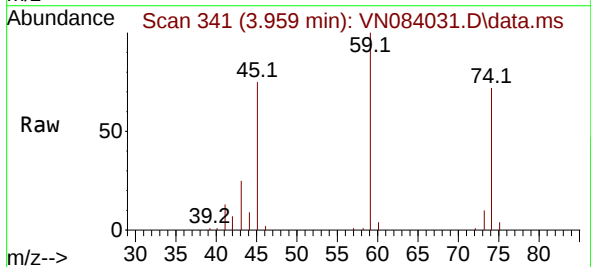
Instrument :
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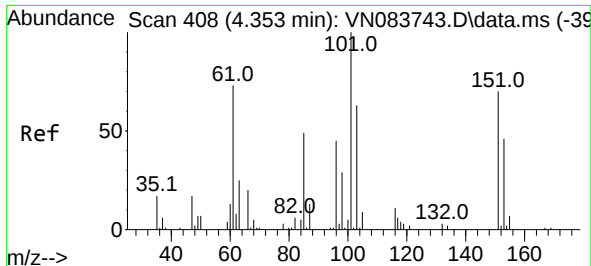
Tgt Ion:101 Resp: 149743
Ion Ratio Lower Upper
101 100
103 60.8 51.4 77.0



#8
Diethyl Ether
Concen: 49.237 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 74 Resp: 52375
Ion Ratio Lower Upper
74 100
45 98.1 46.7 140.1

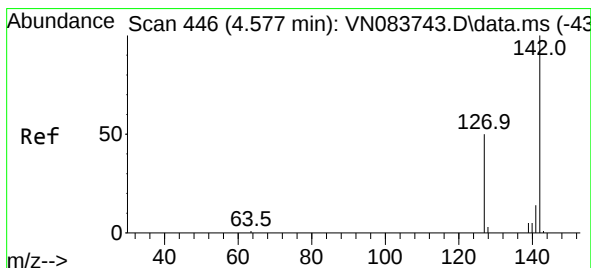
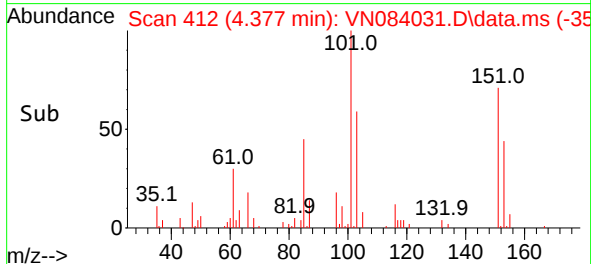
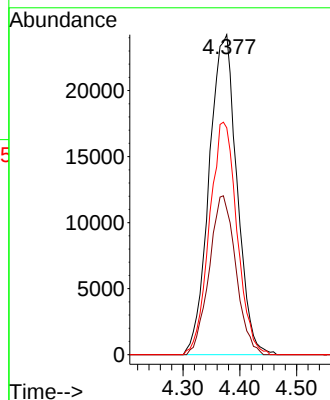
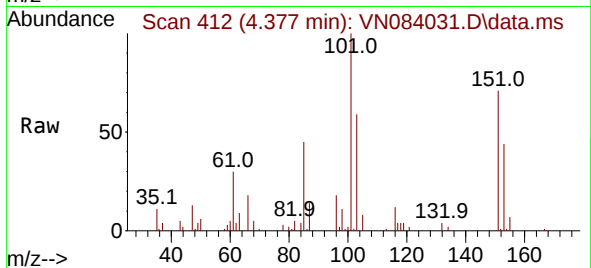




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.871 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

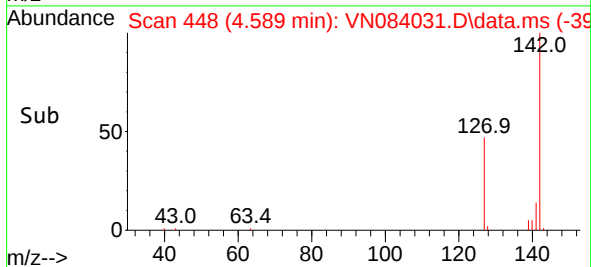
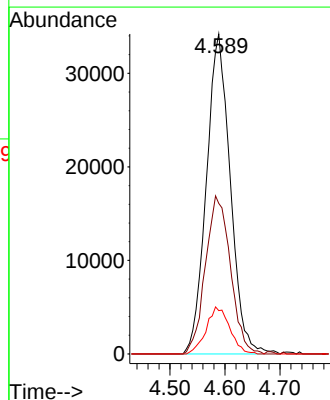
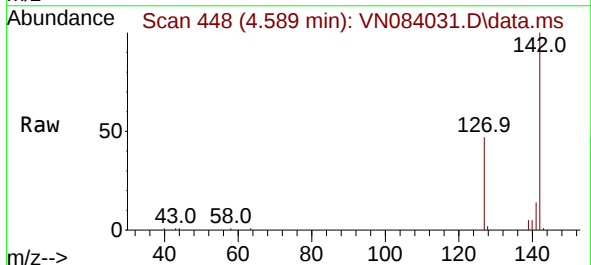
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

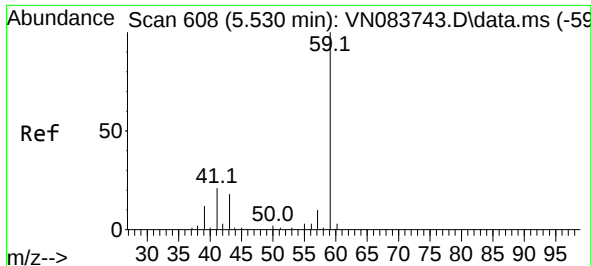
Tgt Ion:101 Resp: 82200
Ion Ratio Lower Upper
101 100
85 47.6 36.2 54.4
151 71.9 57.7 86.5



#10
Methyl Iodide
Concen: 48.351 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:142 Resp: 103432
Ion Ratio Lower Upper
142 100
127 47.1 37.5 56.3
141 13.5 11.0 16.4

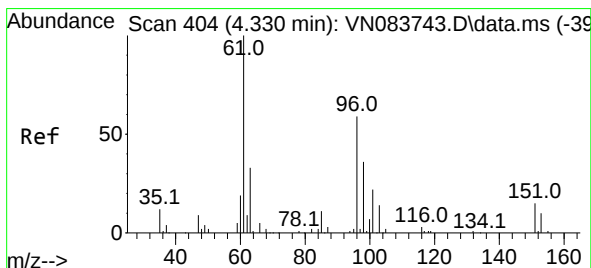
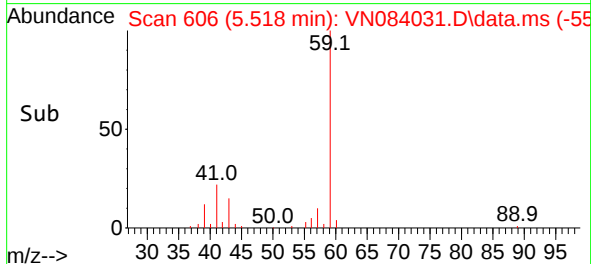
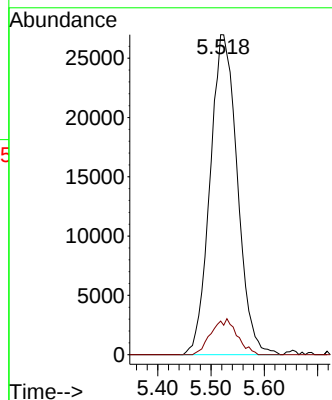
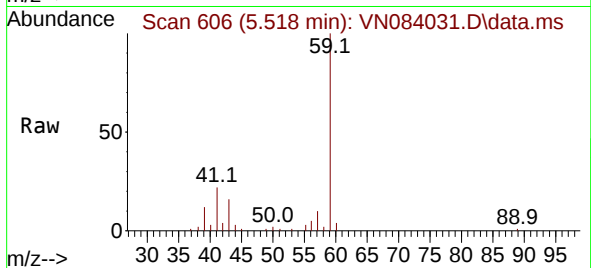




#11
Tert butyl alcohol
Concen: 323.531 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

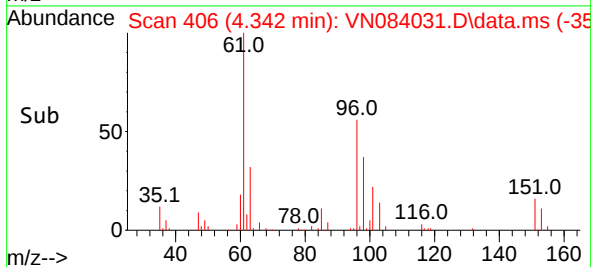
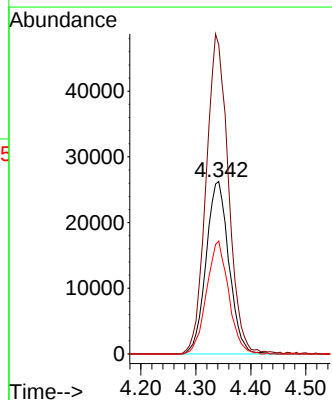
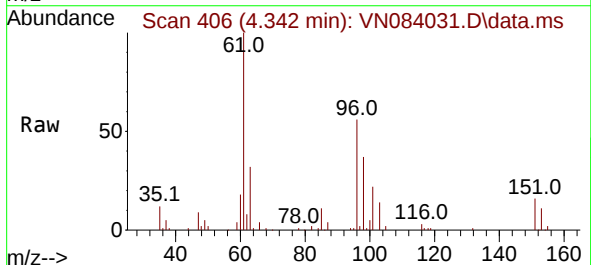
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

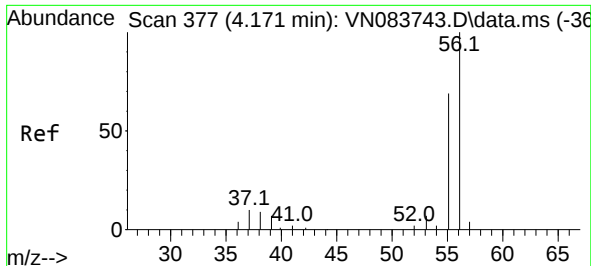
Tgt Ion: 59 Resp: 95940
Ion Ratio Lower Upper
59 100
57 5.7 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 47.774 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 96 Resp: 75887
Ion Ratio Lower Upper
96 100
61 179.2 143.4 215.0
98 65.5 52.7 79.1

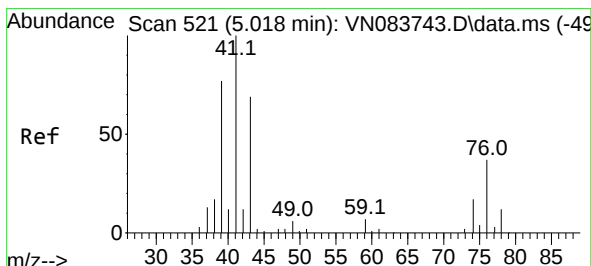
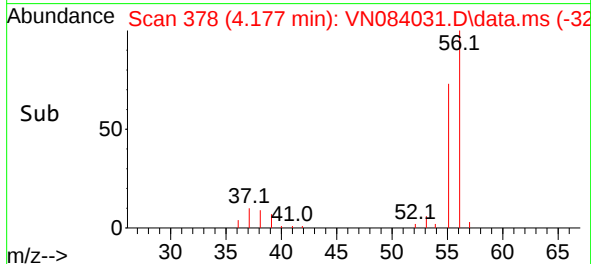
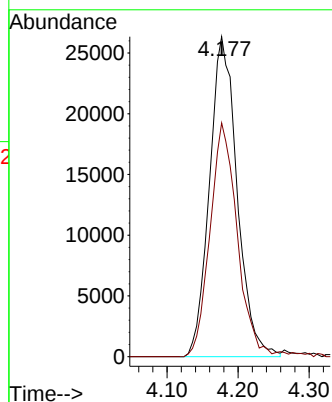
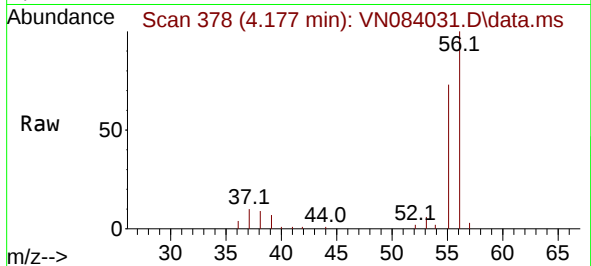




#13
Acrolein
Concen: 243.244 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

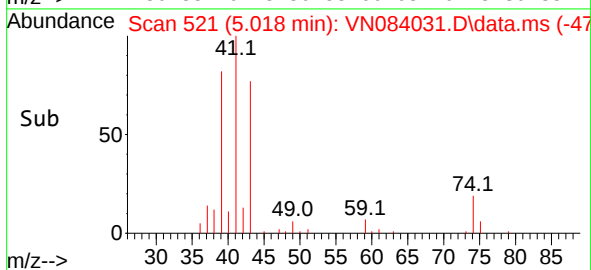
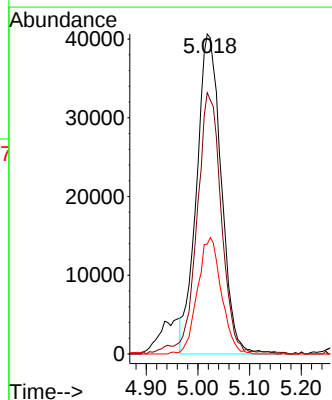
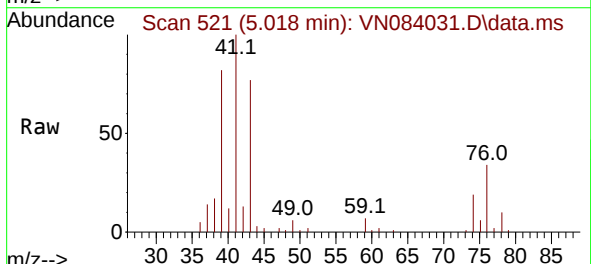
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

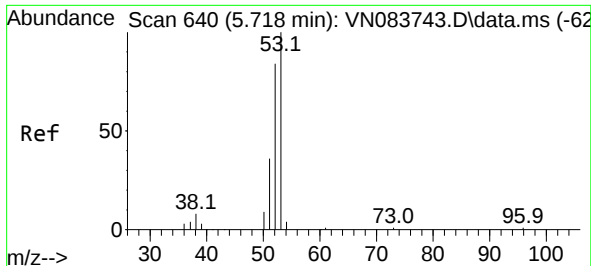
Tgt Ion: 56 Resp: 71170
Ion Ratio Lower Upper
56 100
55 71.5 58.2 87.2



#14
Allyl chloride
Concen: 47.636 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 41 Resp: 134831
Ion Ratio Lower Upper
41 100
39 80.8 59.3 88.9
76 35.1 27.7 41.5

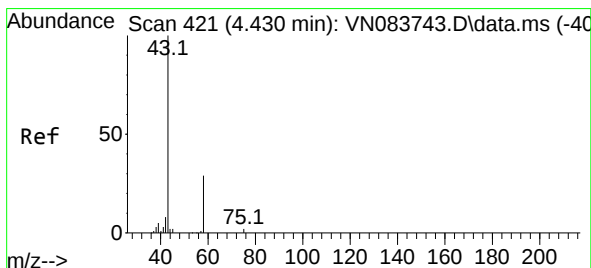
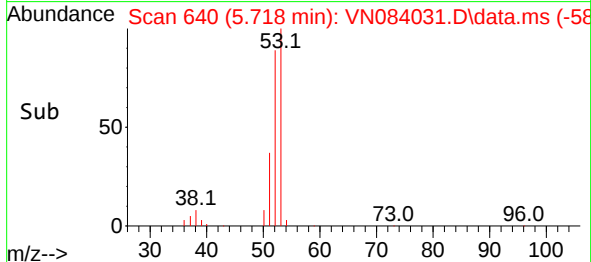
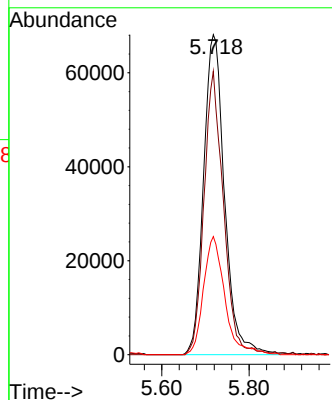
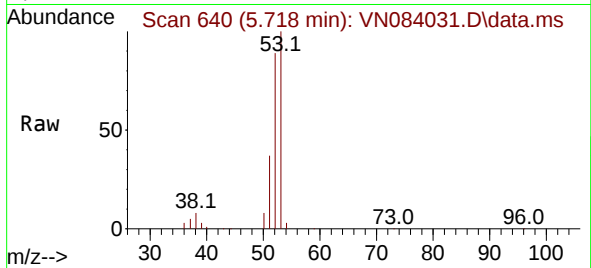




#15
Acrylonitrile
Concen: 282.260 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

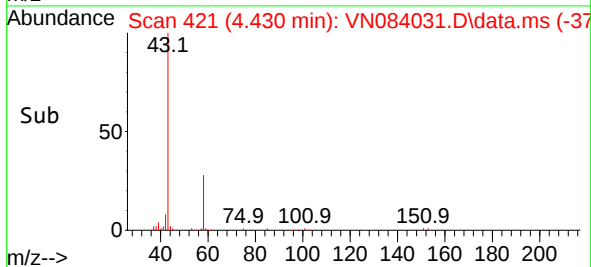
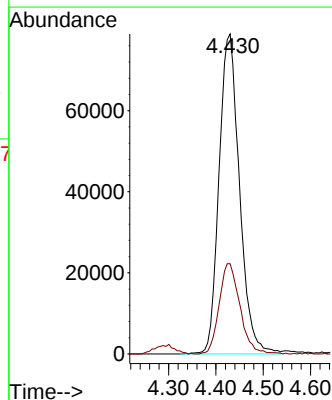
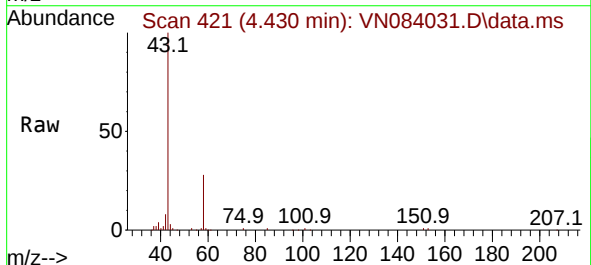
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

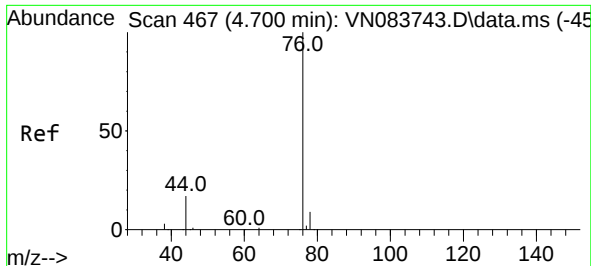
Tgt Ion: 53 Resp: 227627
Ion Ratio Lower Upper
53 100
52 81.8 66.1 99.1
51 37.5 29.6 44.4



#16
Acetone
Concen: 266.358 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 43 Resp: 236455
Ion Ratio Lower Upper
43 100
58 27.9 23.7 35.5

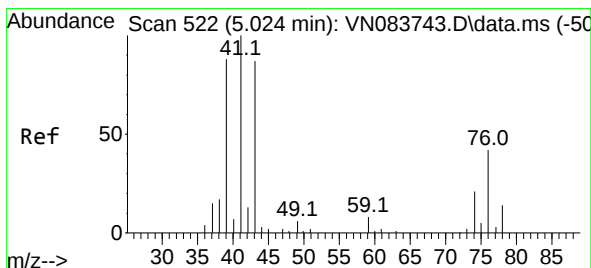
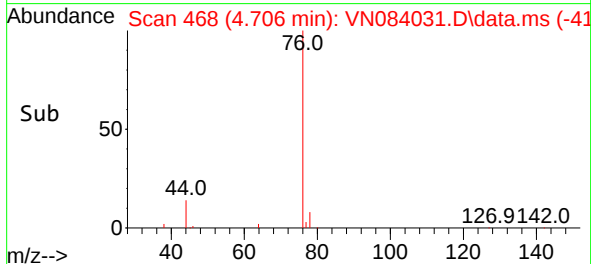
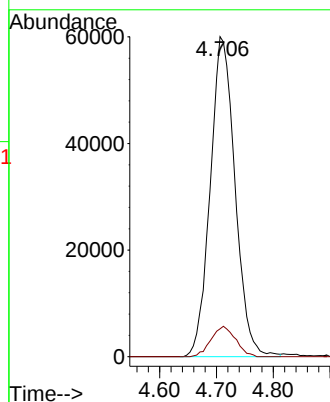
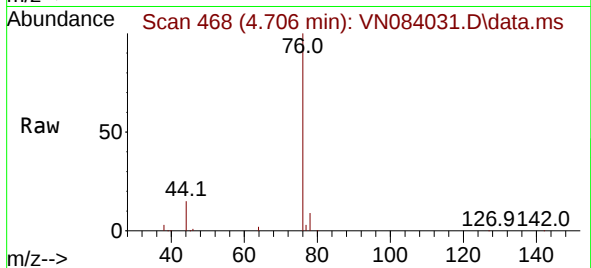




#17
Carbon Disulfide
Concen: 40.997 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

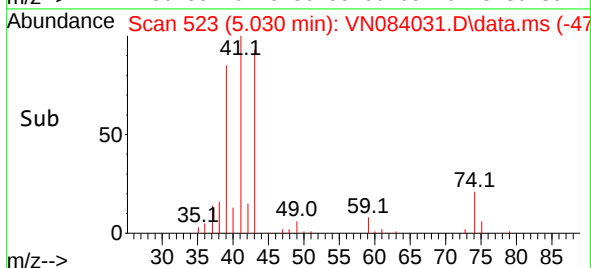
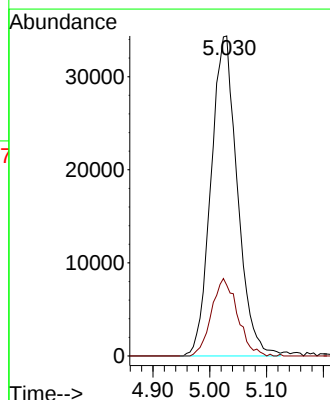
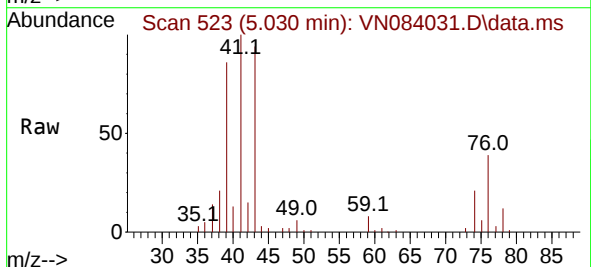
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

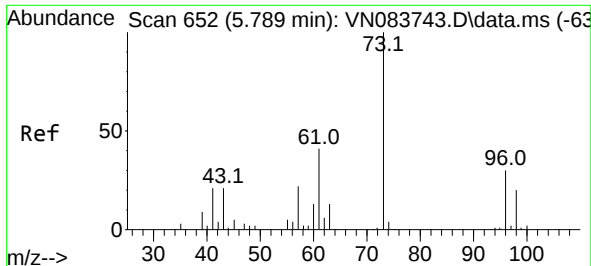
Tgt Ion: 76 Resp: 182169
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 60.315 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 43 Resp: 110852
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.4

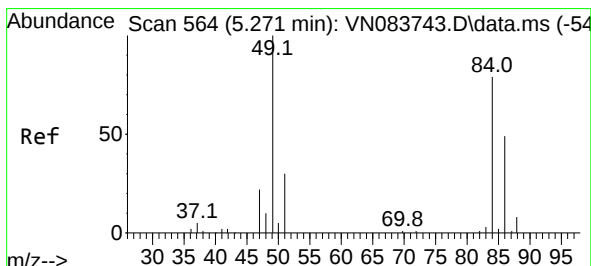
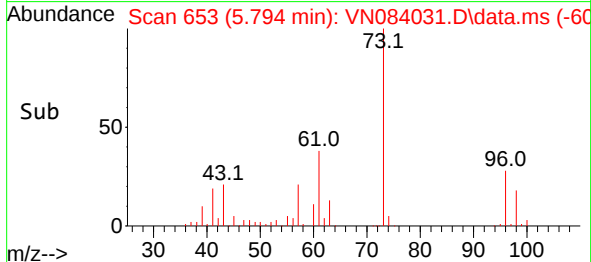
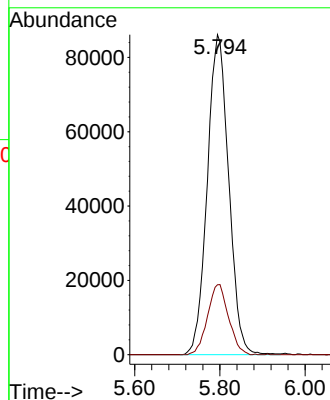
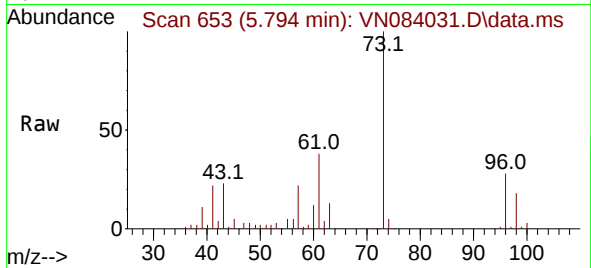




#19
Methyl tert-butyl Ether
Concen: 52.322 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

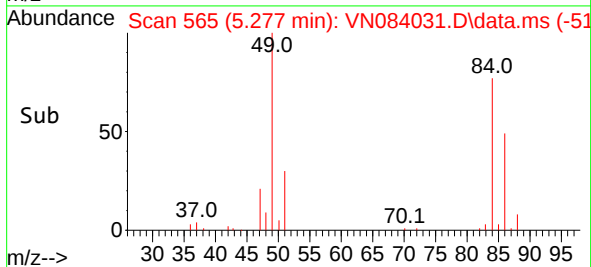
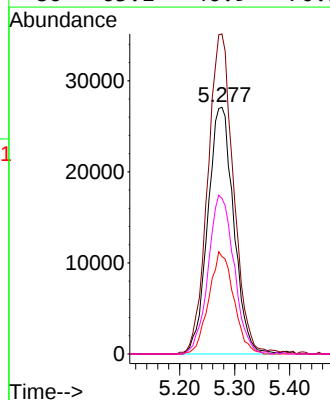
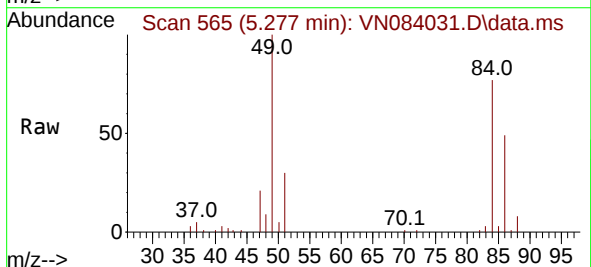
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

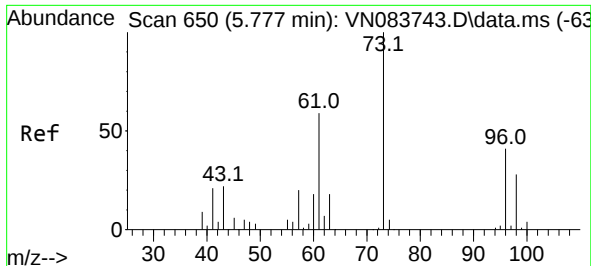
Tgt Ion: 73 Resp: 300751
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#20
Methylene Chloride
Concen: 48.892 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 84 Resp: 88818
Ion Ratio Lower Upper
84 100
49 129.0 93.4 140.0
51 39.5 29.2 43.8
86 63.1 46.9 70.3

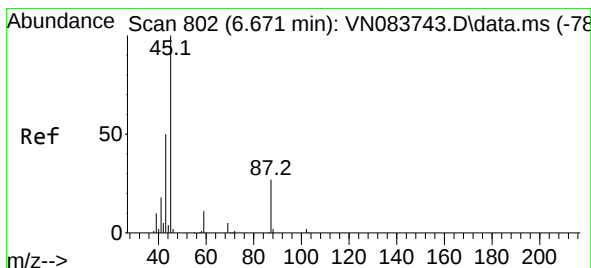
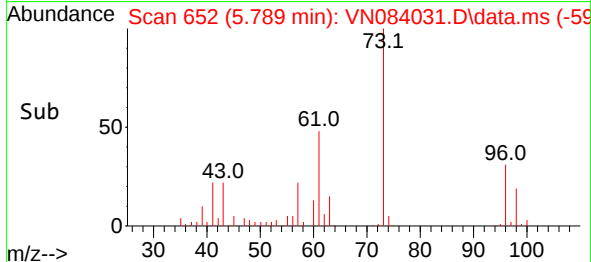
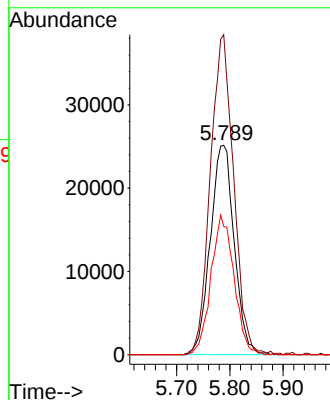
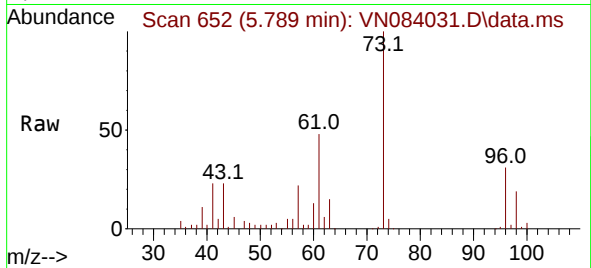




#21
trans-1,2-Dichloroethene
Concen: 46.070 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

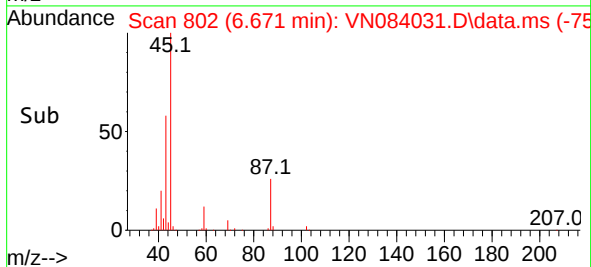
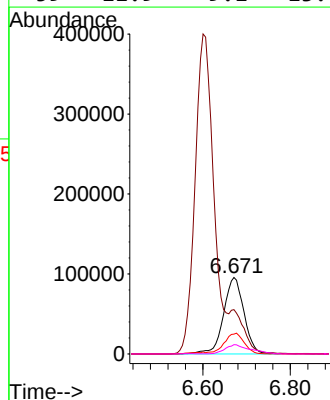
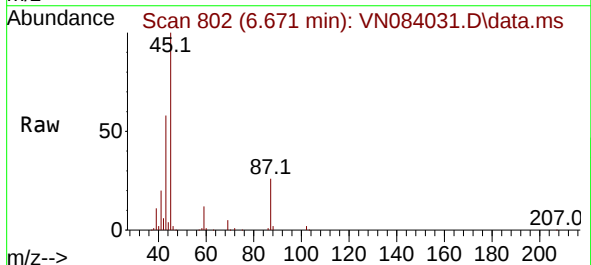
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

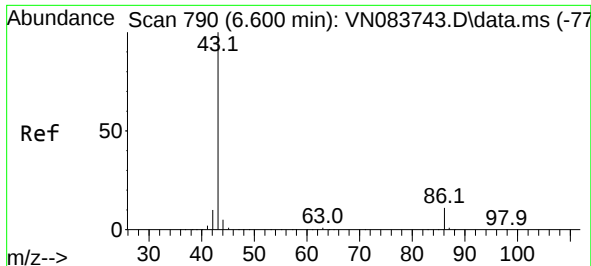
Tgt Ion: 96 Resp: 78428
Ion Ratio Lower Upper
96 100
61 152.8 106.0 159.0
98 61.3 52.2 78.2



#22
Diisopropyl ether
Concen: 52.958 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 45 Resp: 308562
Ion Ratio Lower Upper
45 100
43 57.1 43.4 65.0
87 25.7 22.6 33.8
59 11.9 9.1 13.7

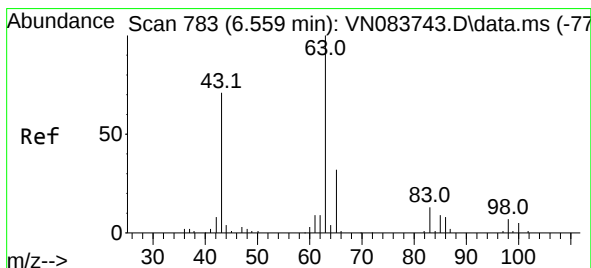
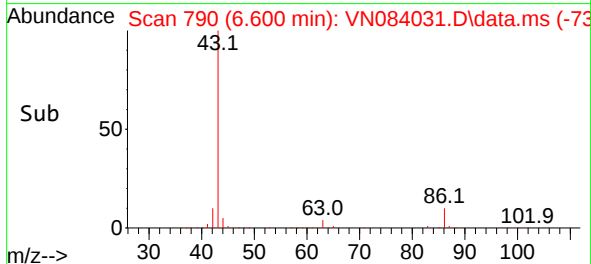
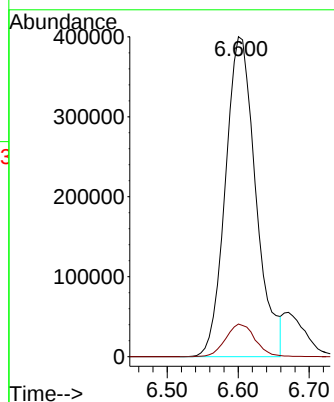
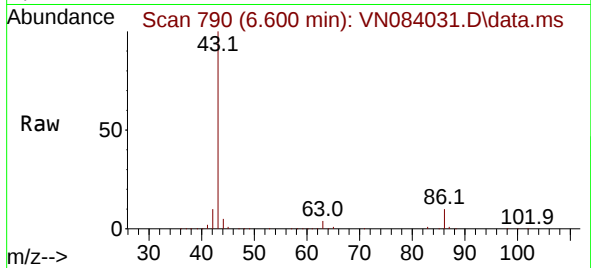




#23
 Vinyl Acetate
 Concen: 278.838 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084031.D
 Acq: 19 Sep 2024 13:44

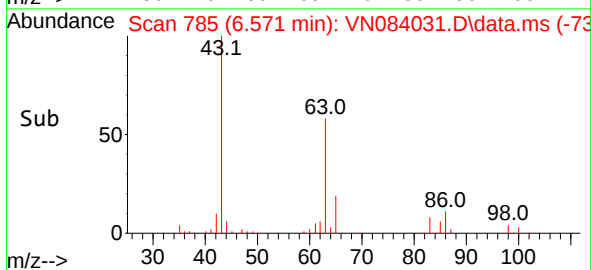
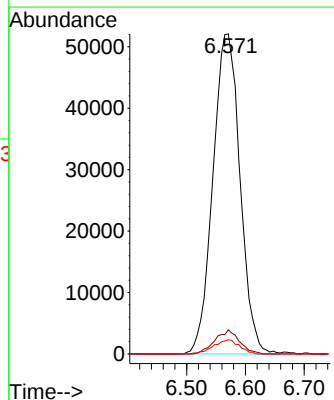
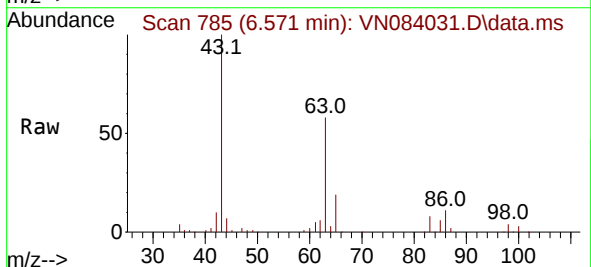
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

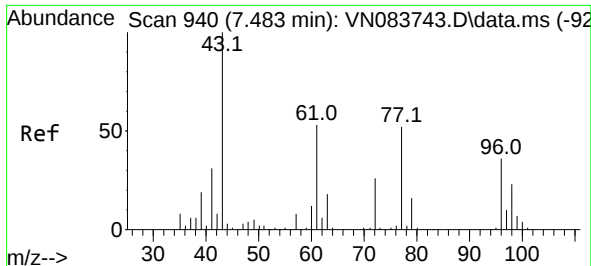
Tgt Ion: 43 Resp: 1189772
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 49.707 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN084031.D
 Acq: 19 Sep 2024 13:44

Tgt Ion: 63 Resp: 166856
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 283.931 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

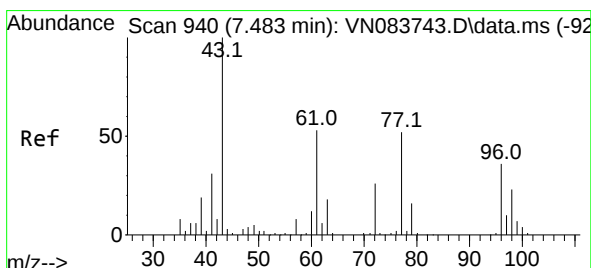
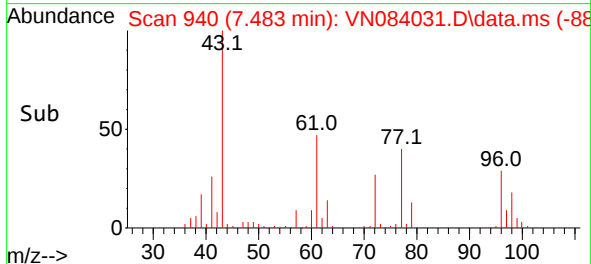
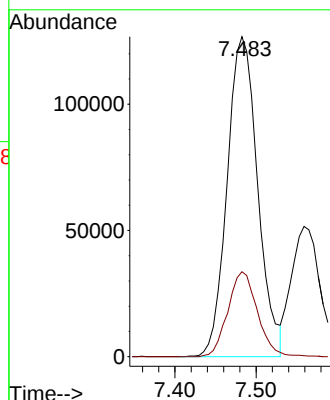
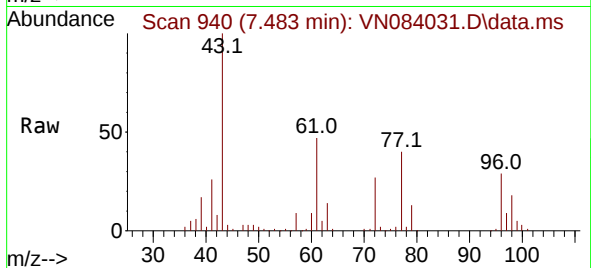
VSTDCCC050

Tgt Ion: 43 Resp: 331287

Ion Ratio Lower Upper

43 100

72 26.6 20.8 31.2



#26

2,2-Dichloropropane

Concen: 51.392 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN084031.D

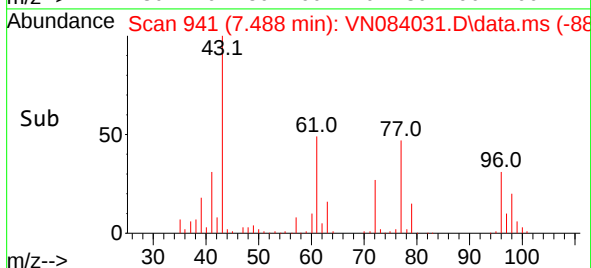
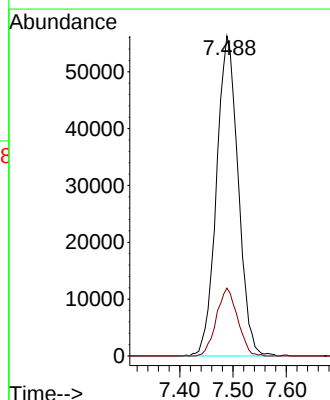
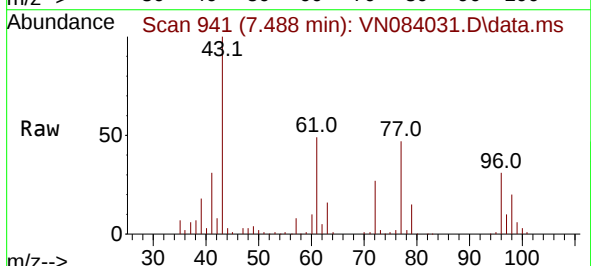
Acq: 19 Sep 2024 13:44

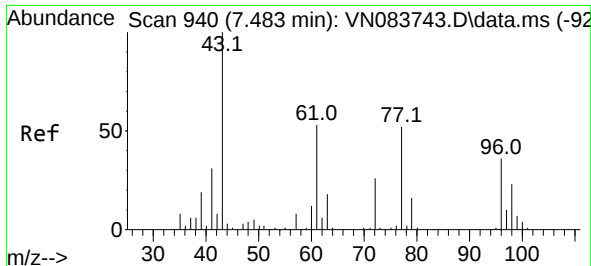
Tgt Ion: 77 Resp: 158873

Ion Ratio Lower Upper

77 100

97 20.8 10.2 30.4

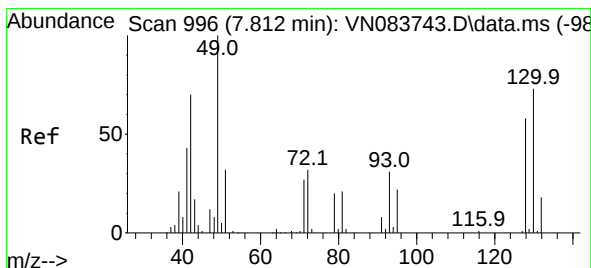
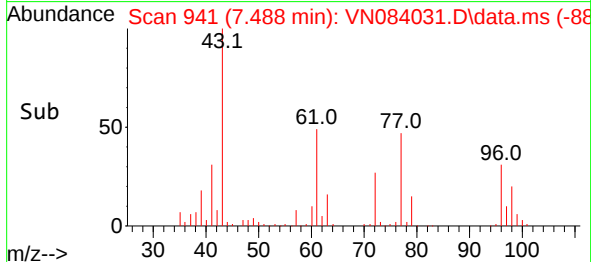
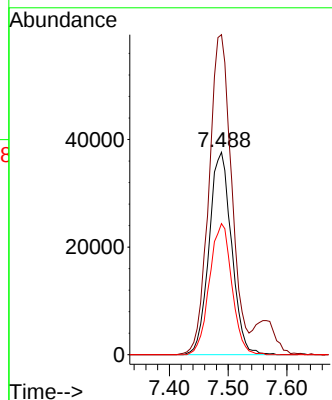
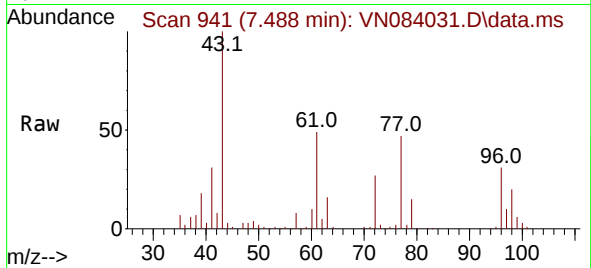




#27
 cis-1,2-Dichloroethene
 Concen: 49.465 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN084031.D
 Acq: 19 Sep 2024 13:44

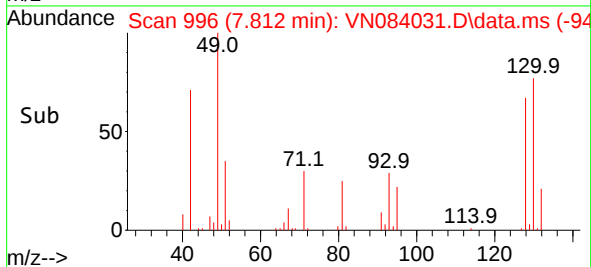
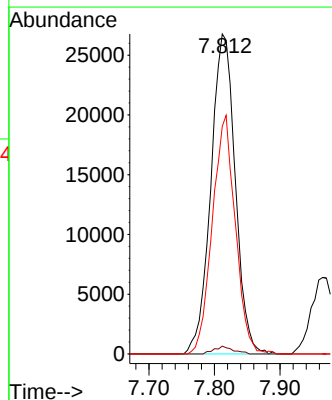
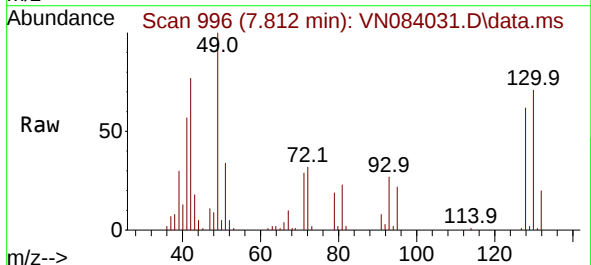
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

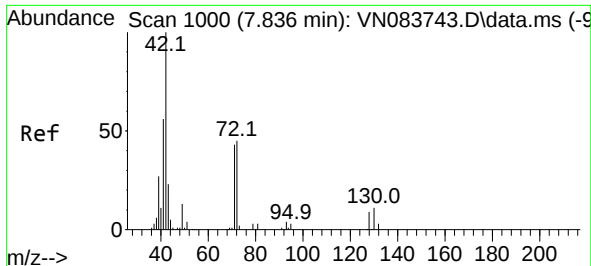
Tgt Ion: 96 Resp: 99962
 Ion Ratio Lower Upper
 96 100
 61 159.2 0.0 306.2
 98 64.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 48.896 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084031.D
 Acq: 19 Sep 2024 13:44

Tgt Ion: 49 Resp: 69121
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 70.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 296.863 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

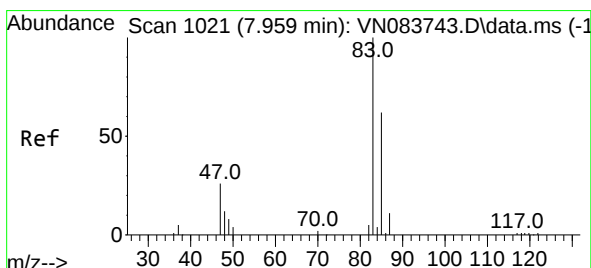
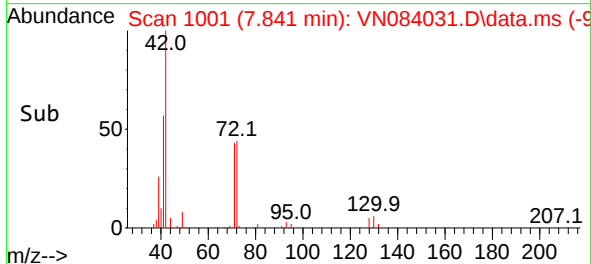
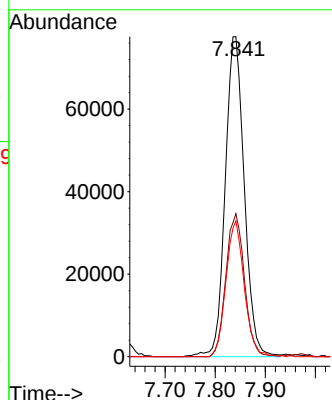
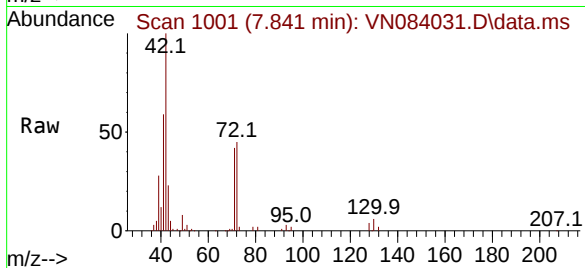
Tgt Ion: 42 Resp: 204809

Ion Ratio Lower Upper

42 100

72 43.5 35.9 53.9

71 40.7 33.9 50.9



#30

Chloroform

Concen: 50.530 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN084031.D

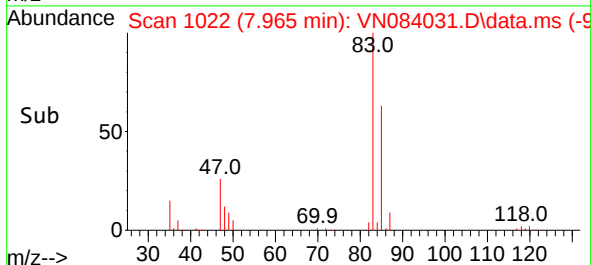
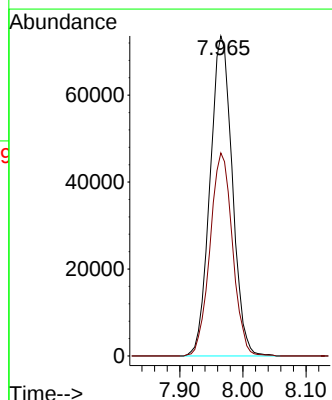
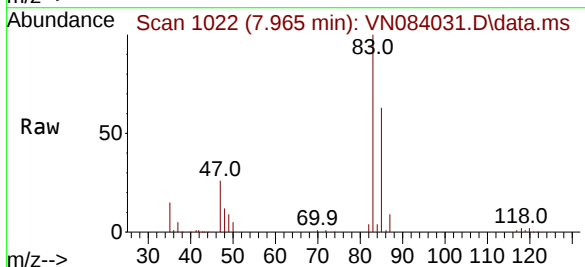
Acq: 19 Sep 2024 13:44

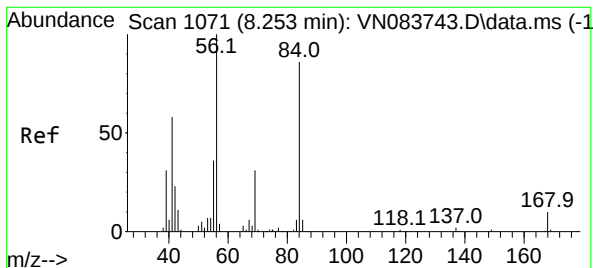
Tgt Ion: 83 Resp: 180075

Ion Ratio Lower Upper

83 100

85 63.5 52.8 79.2





#31

Cyclohexane

Concen: 42.003 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

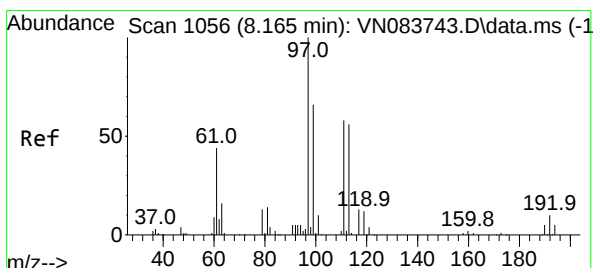
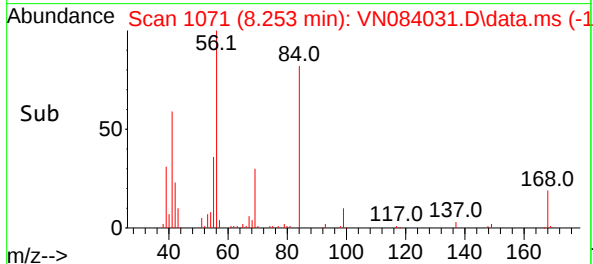
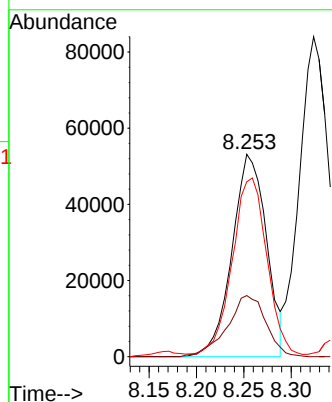
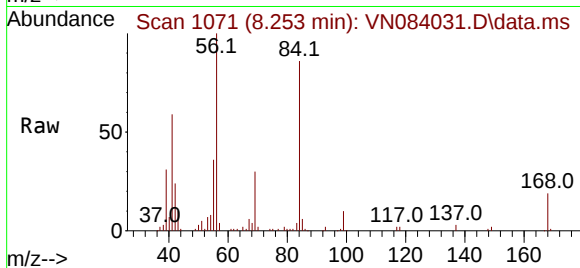
Tgt Ion: 56 Resp: 134433

Ion Ratio Lower Upper

56 100

69 30.2 26.9 40.3

84 84.8 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 50.289 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

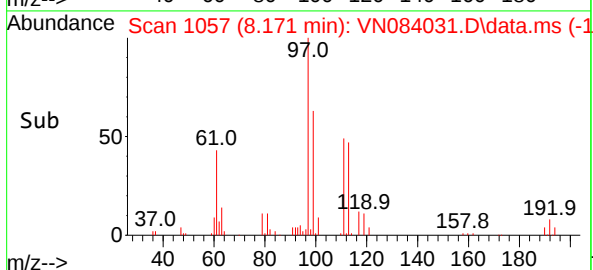
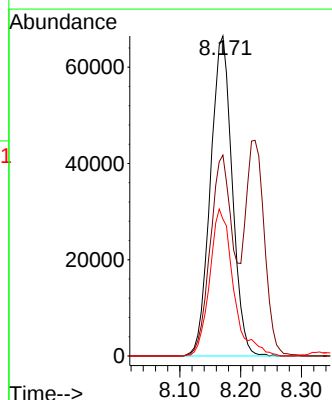
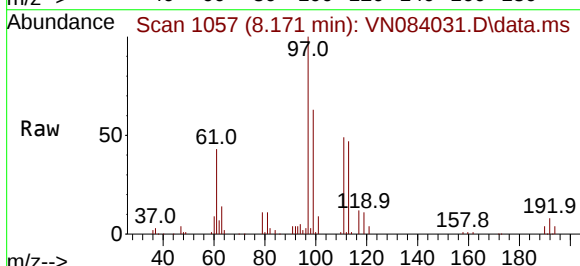
Tgt Ion: 97 Resp: 164790

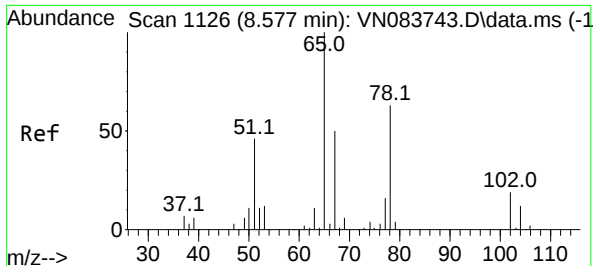
Ion Ratio Lower Upper

97 100

99 67.3 52.3 78.5

61 50.0 38.2 57.2

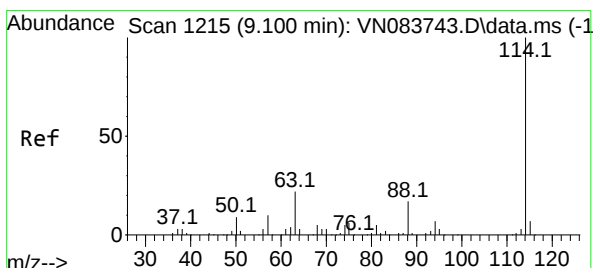
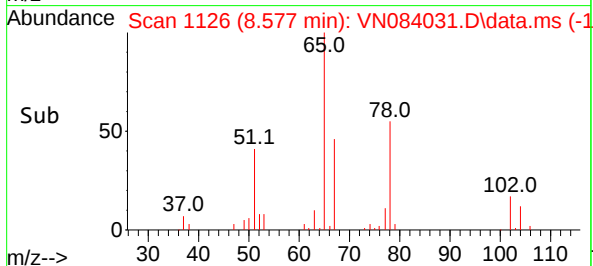
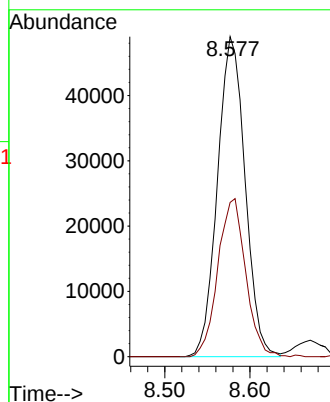
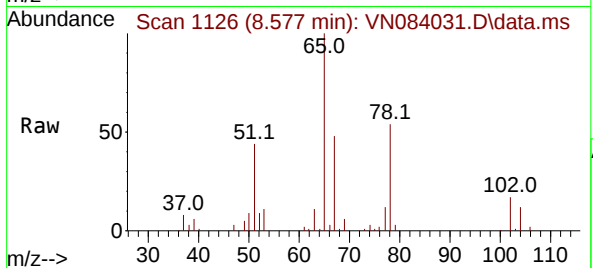




#33
 1,2-Dichloroethane-d4
 Concen: 49.849 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084031.D
 Acq: 19 Sep 2024 13:44

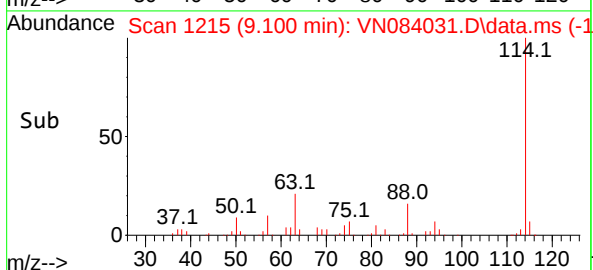
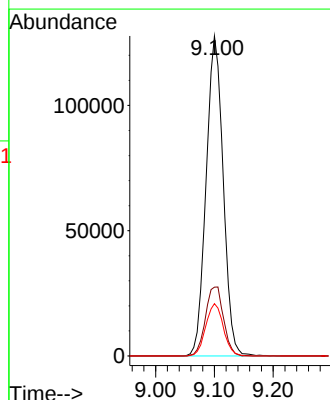
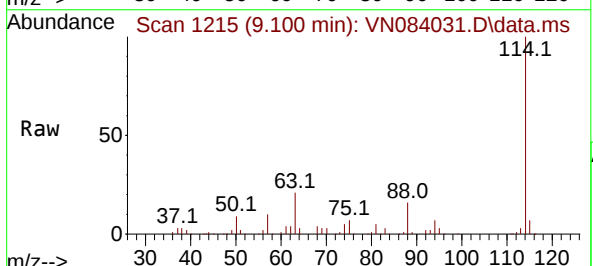
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

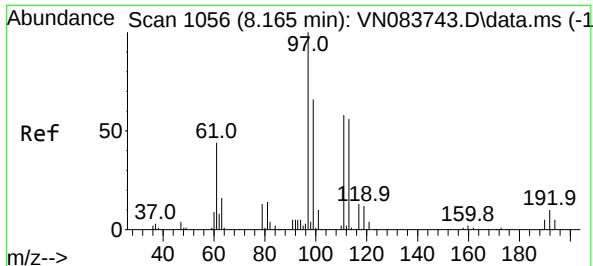
Tgt Ion: 65 Resp: 110389
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084031.D
 Acq: 19 Sep 2024 13:44

Tgt Ion: 114 Resp: 257163
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.705 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

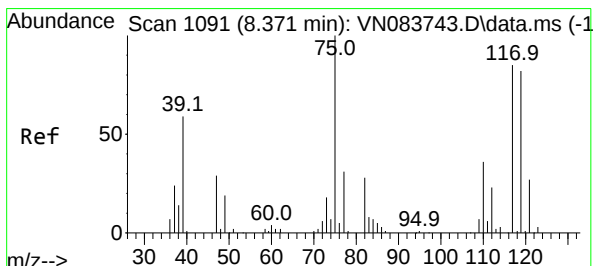
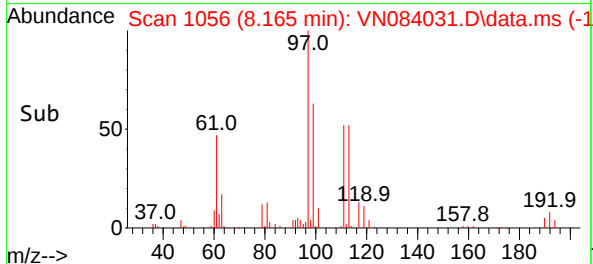
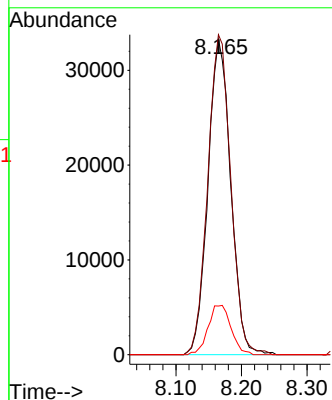
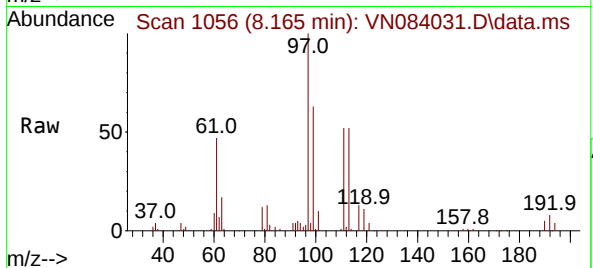
Tgt Ion:113 Resp: 80184

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 15.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 47.967 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

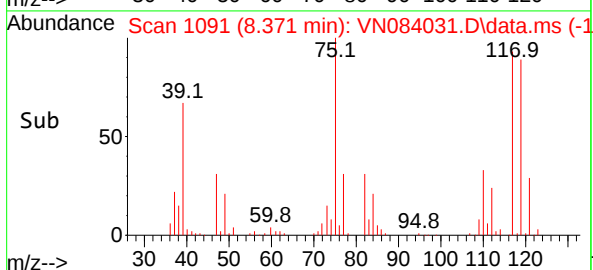
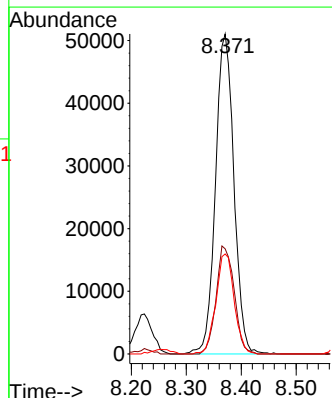
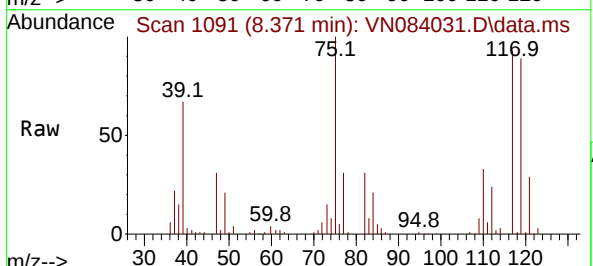
Tgt Ion: 75 Resp: 118861

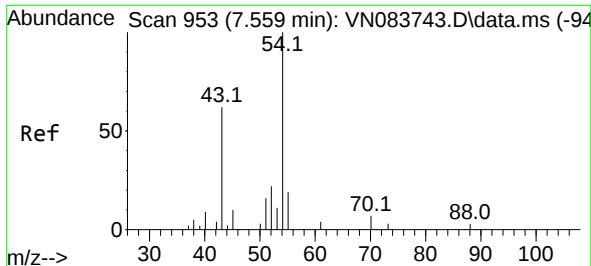
Ion Ratio Lower Upper

75 100

110 33.1 16.7 50.1

77 31.1 25.2 37.8

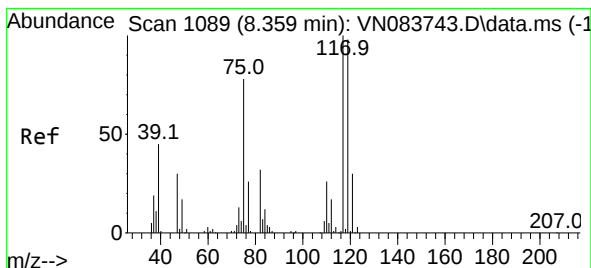
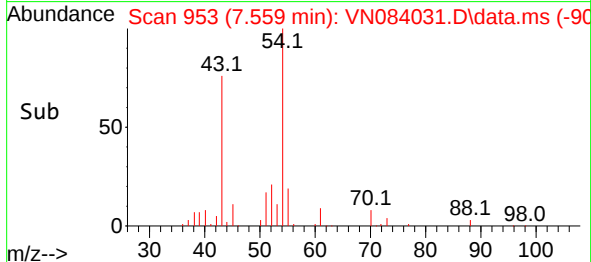
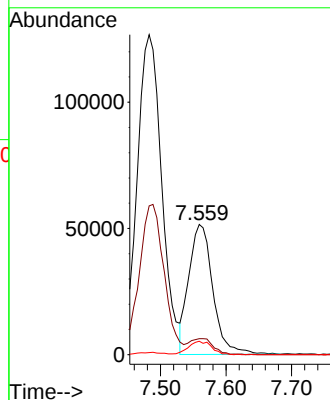
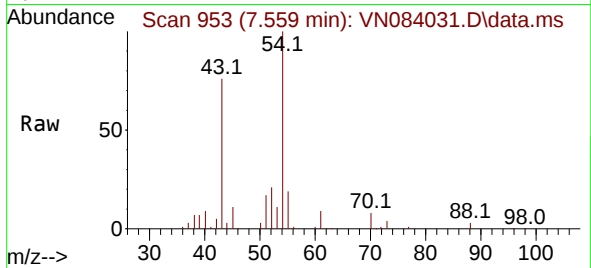




#37
Ethyl Acetate
Concen: 58.286 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

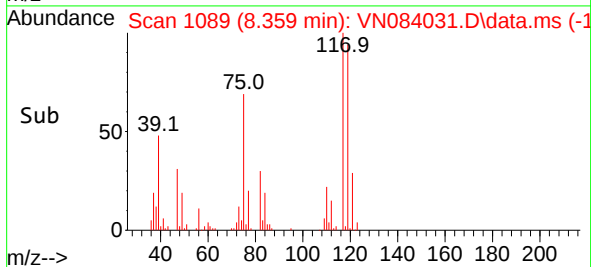
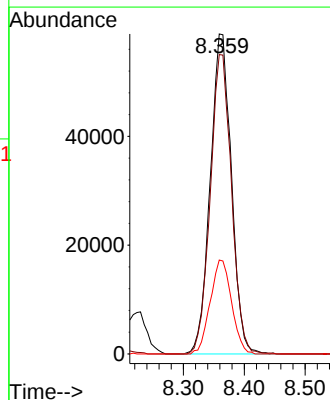
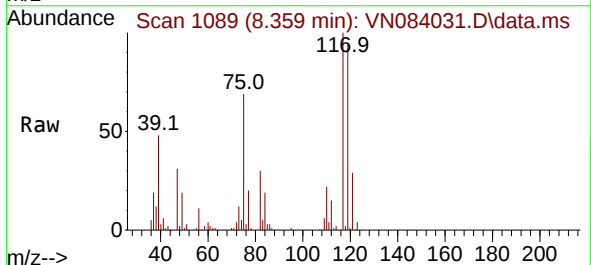
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

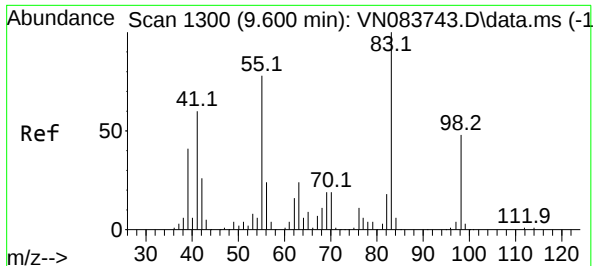
Tgt Ion: 43 Resp: 131100
Ion Ratio Lower Upper
43 100
61 12.5 11.1 16.7
70 10.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.375 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 117 Resp: 141615
Ion Ratio Lower Upper
117 100
119 93.5 76.1 114.1
121 29.3 24.1 36.1





#39

Methylcyclohexane

Concen: 46.586 ug/l

RT: 9.600 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

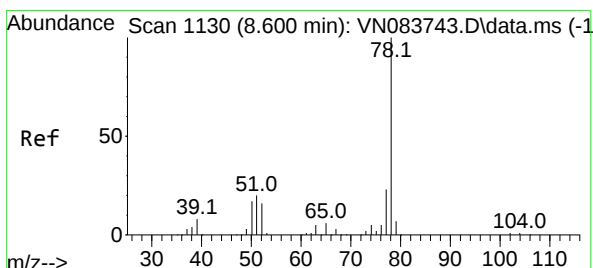
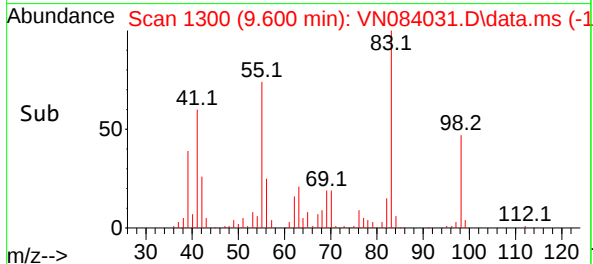
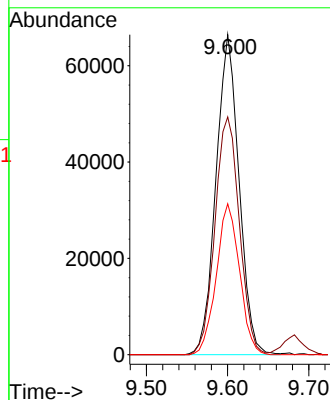
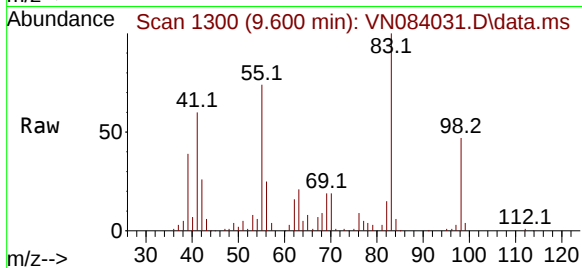
Tgt Ion: 83 Resp: 131398

Ion Ratio Lower Upper

83 100

55 74.3 62.2 93.4

98 47.2 37.6 56.4



#40

Benzene

Concen: 49.000 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084031.D

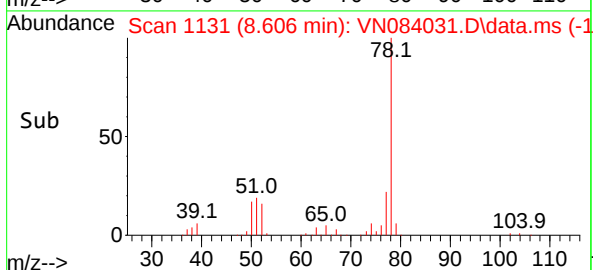
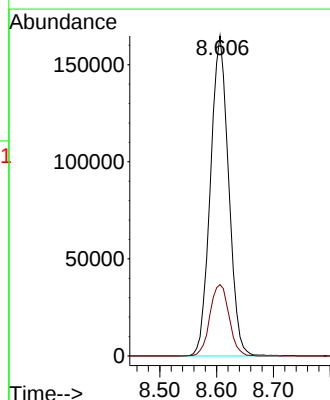
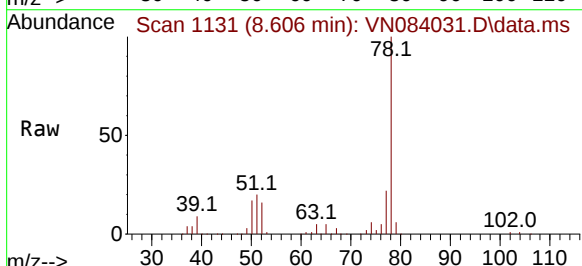
Acq: 19 Sep 2024 13:44

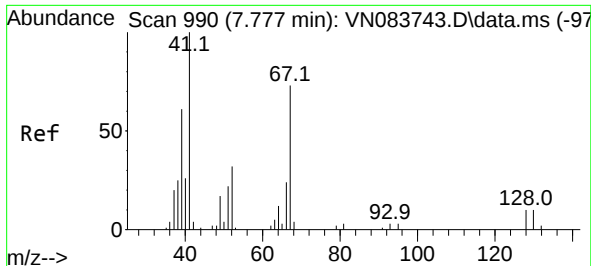
Tgt Ion: 78 Resp: 365462

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6

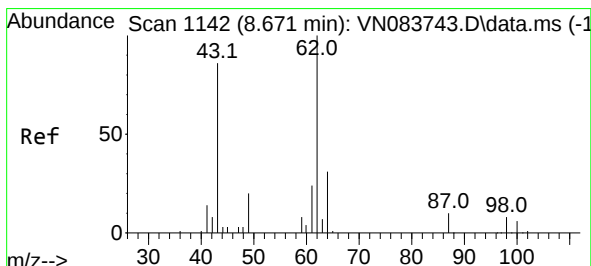
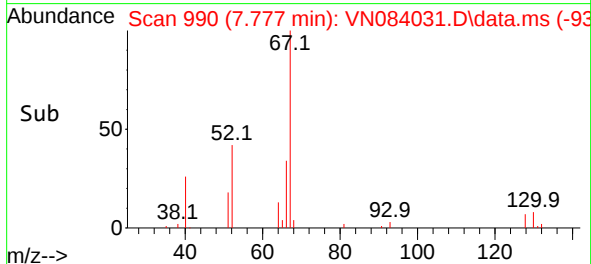
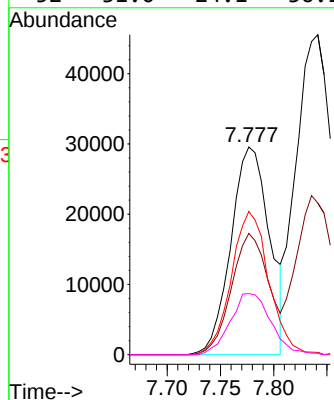
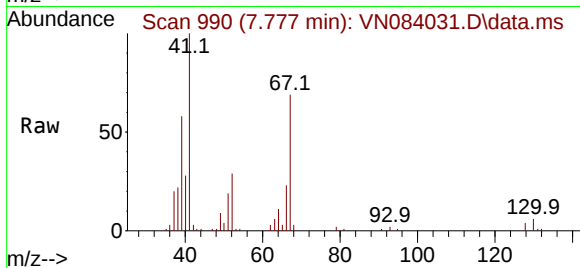




#41
Methacrylonitrile
Concen: 56.035 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

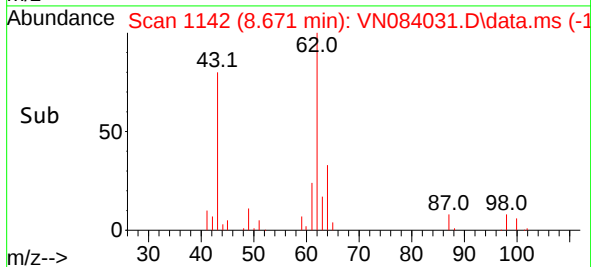
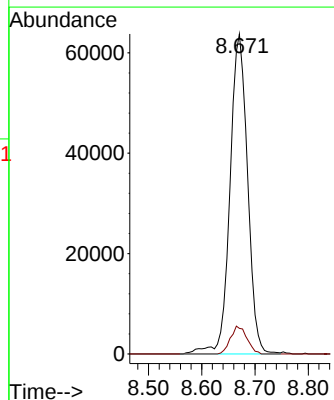
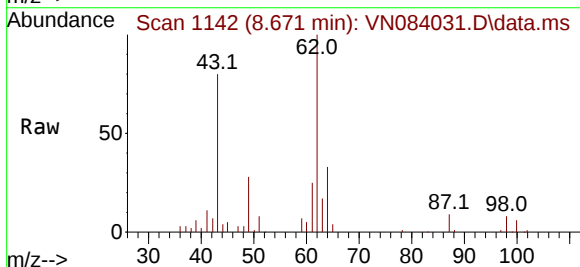
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

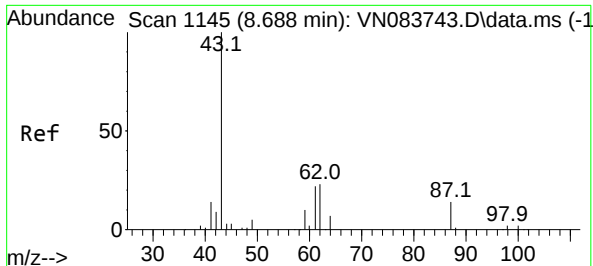
Tgt Ion:	41	Resp:	74545
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.4	68.2
67	67.0	55.9	83.9
52	31.0	24.1	36.1



#42
1,2-Dichloroethane
Concen: 52.453 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:	62	Resp:	146183
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6

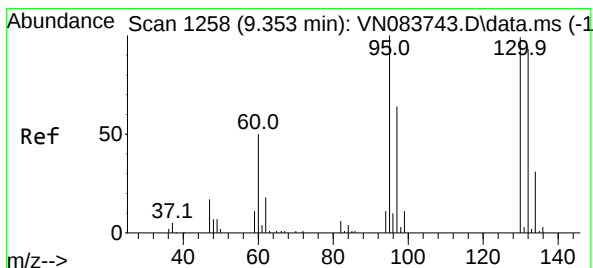
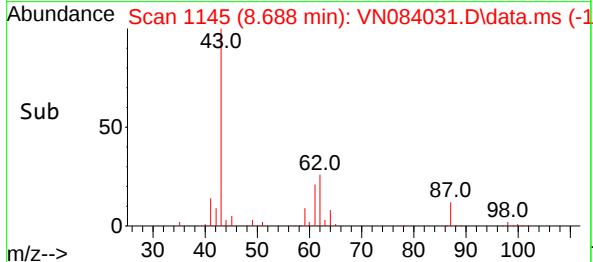
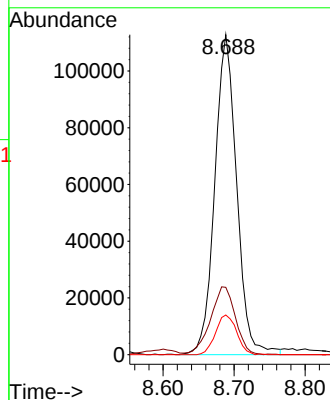
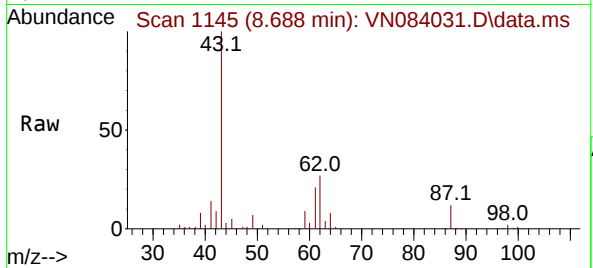




#43
Isopropyl Acetate
Concen: 59.233 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

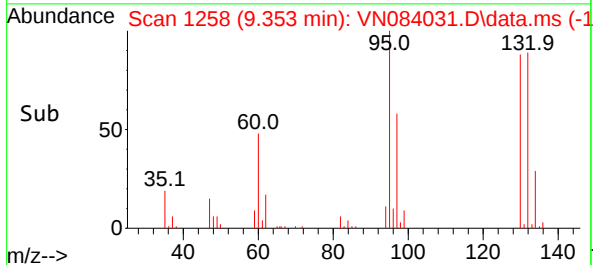
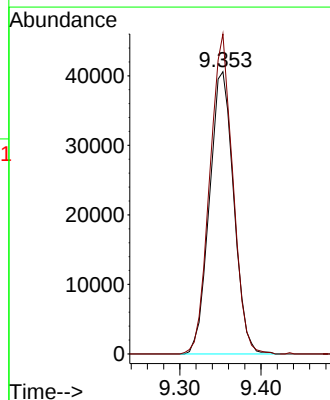
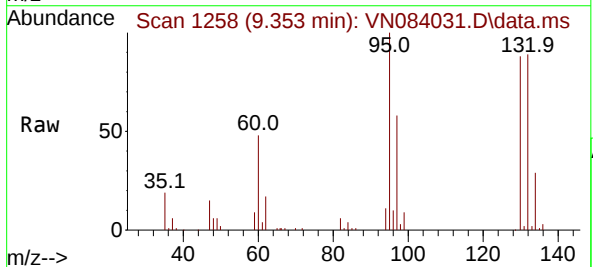
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

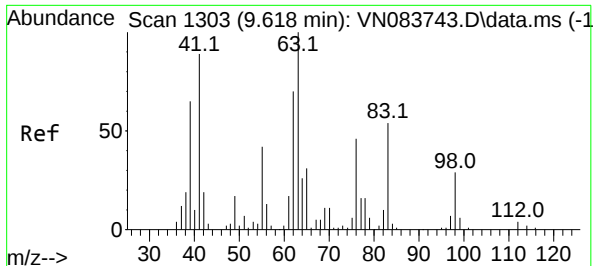
Tgt Ion: 43 Resp: 241430
Ion Ratio Lower Upper
43 100
61 24.1 19.4 29.0
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 48.740 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:130 Resp: 84181
Ion Ratio Lower Upper
130 100
95 113.4 0.0 200.4





#45

1,2-Dichloropropane

Concen: 51.276 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

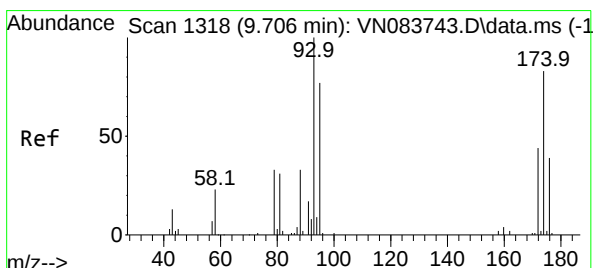
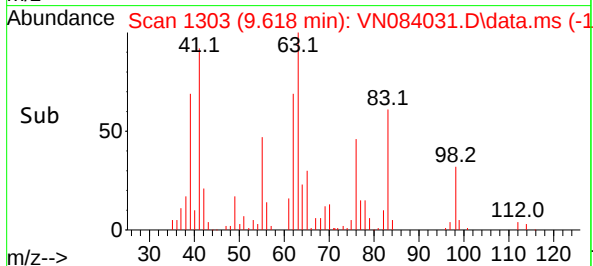
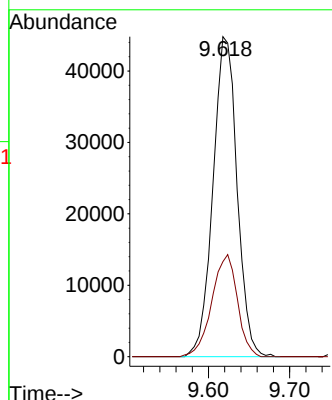
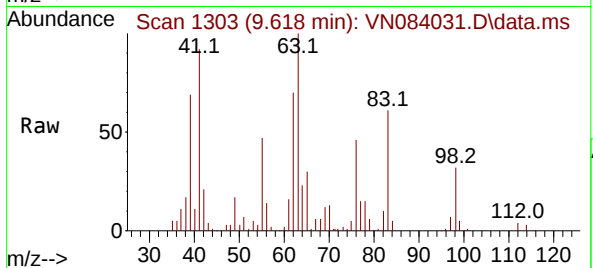
VSTDCCC050

Tgt Ion: 63 Resp: 92432

Ion Ratio Lower Upper

63 100

65 29.7 25.9 38.9



#46

Dibromomethane

Concen: 53.020 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

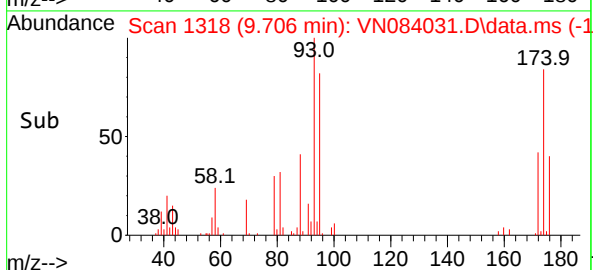
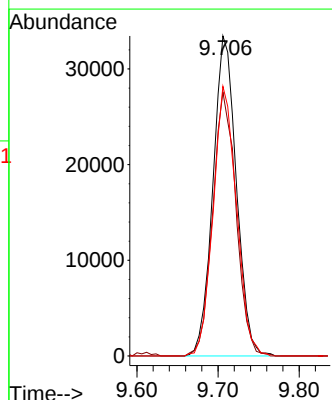
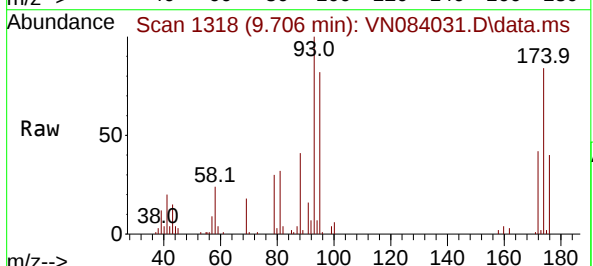
Tgt Ion: 93 Resp: 66945

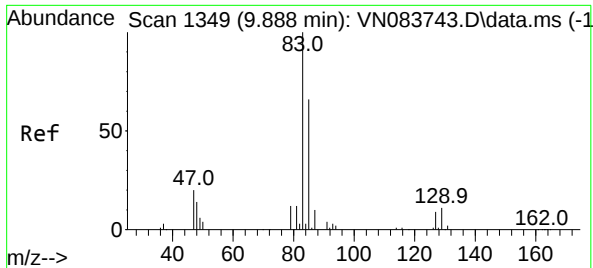
Ion Ratio Lower Upper

93 100

95 82.6 65.3 97.9

174 84.2 71.0 106.4

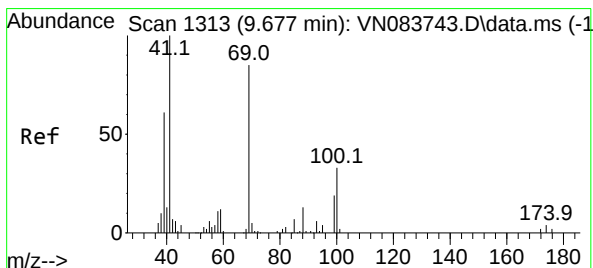
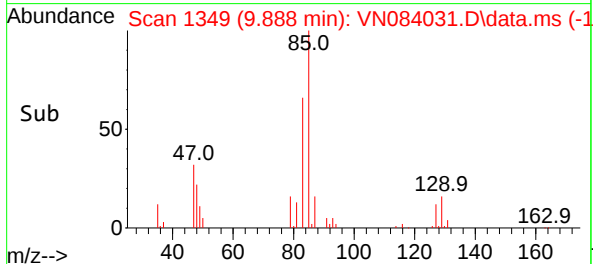
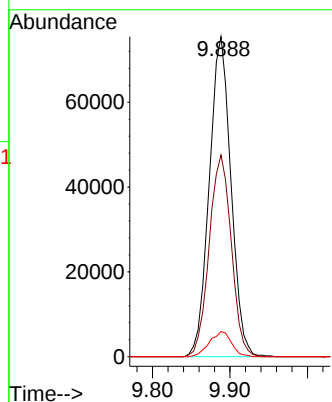
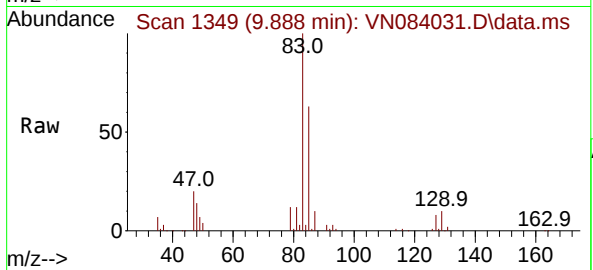




#47
Bromodichloromethane
Concen: 53.595 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

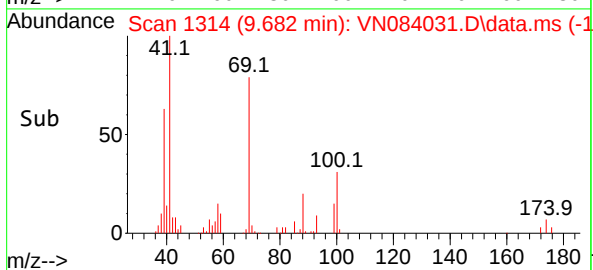
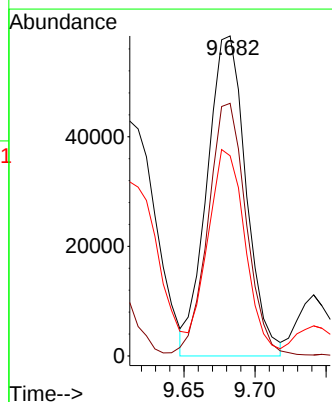
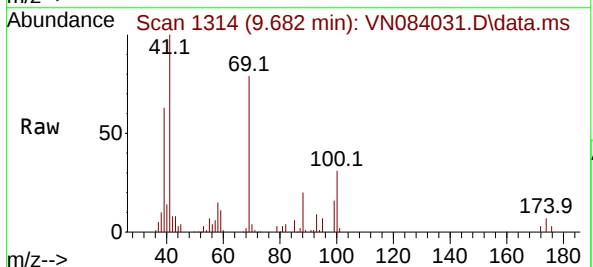
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

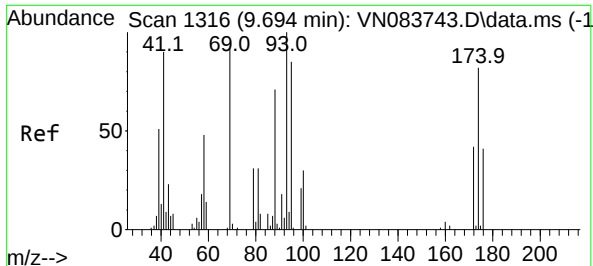
Tgt Ion: 83 Resp: 146453
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.8
127 7.9 6.6 9.8



#48
Methyl methacrylate
Concen: 57.842 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 41 Resp: 111855
Ion Ratio Lower Upper
41 100
69 77.6 64.3 96.5
39 61.7 48.9 73.3





#49

1,4-Dioxane

Concen: 1144.348 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

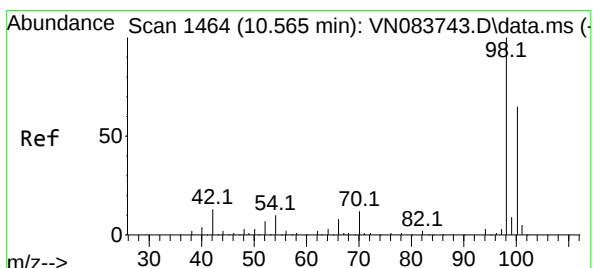
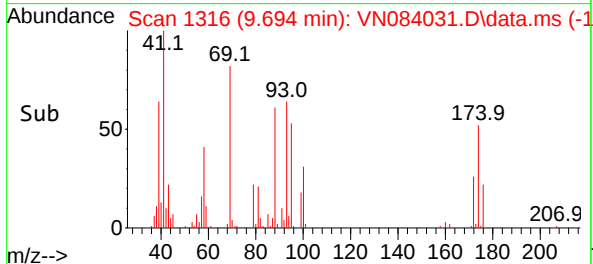
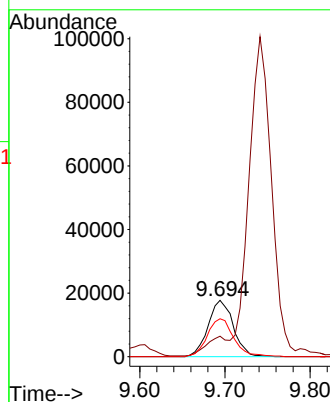
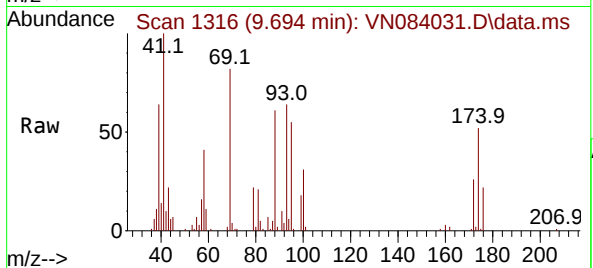
Tgt Ion: 88 Resp: 36404

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 70.9 57.1 85.7



#50

Toluene-d8

Concen: 49.572 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084031.D

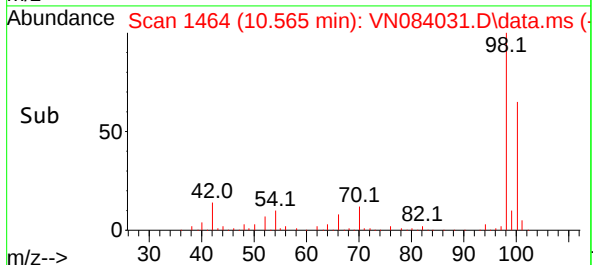
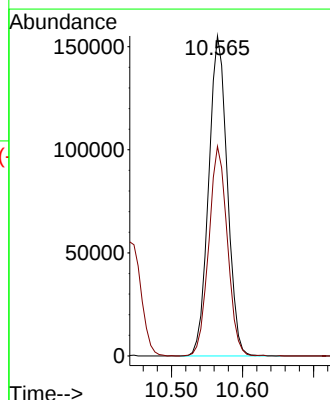
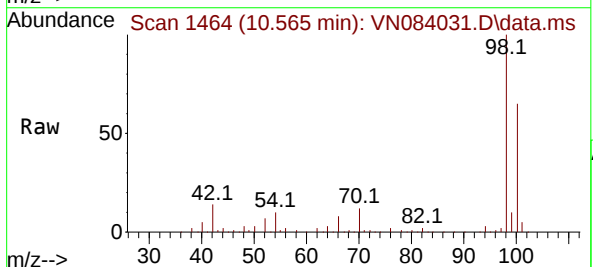
Acq: 19 Sep 2024 13:44

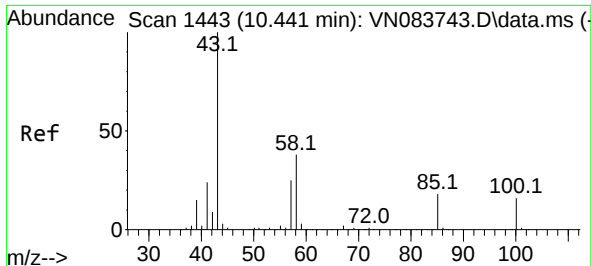
Tgt Ion: 98 Resp: 282134

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 307.671 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

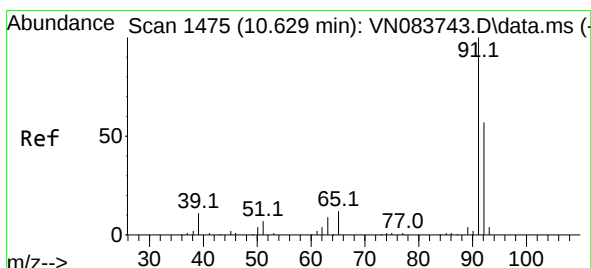
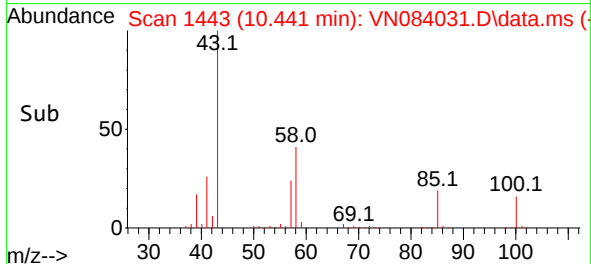
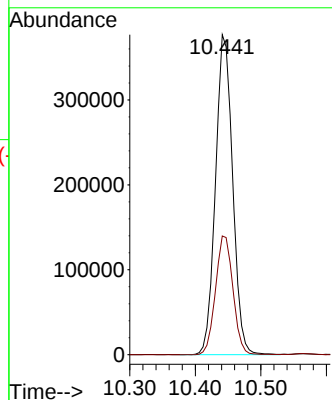
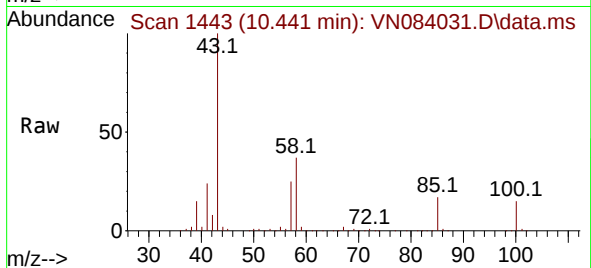
VSTDCCC050

Tgt Ion: 43 Resp: 682642

Ion Ratio Lower Upper

43 100

58 37.8 31.6 47.4



#52

Toluene

Concen: 50.814 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084031.D

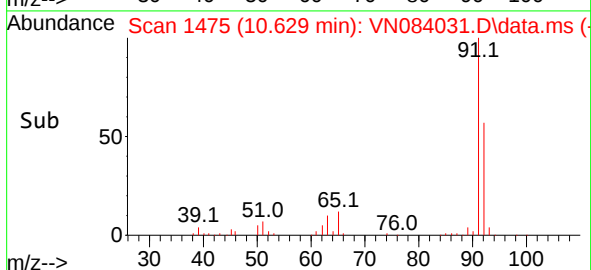
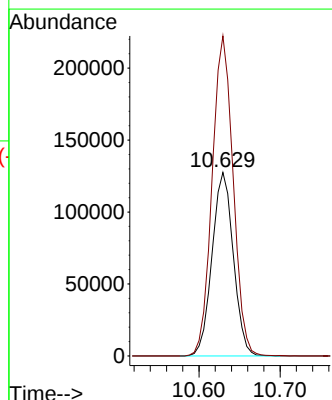
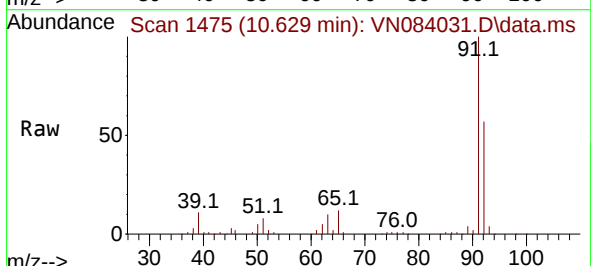
Acq: 19 Sep 2024 13:44

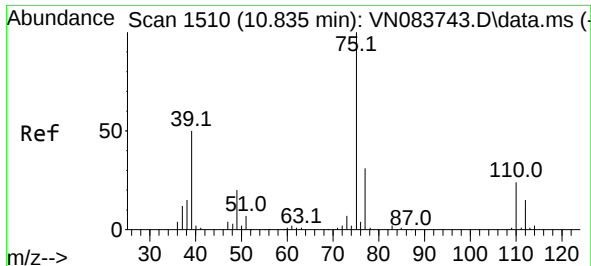
Tgt Ion: 92 Resp: 231815

Ion Ratio Lower Upper

92 100

91 172.5 134.7 202.1

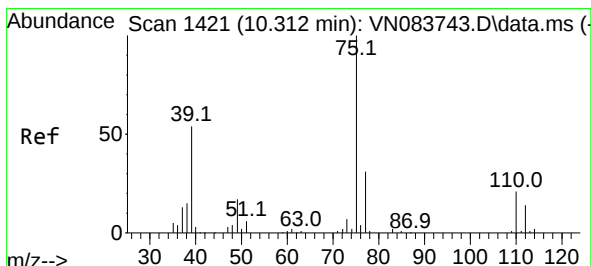
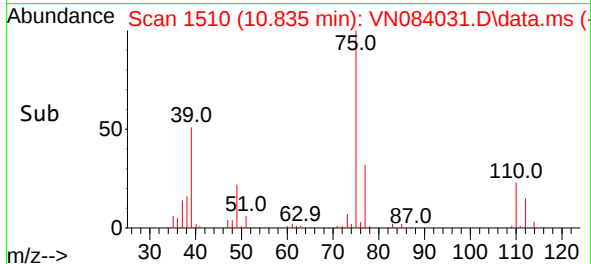
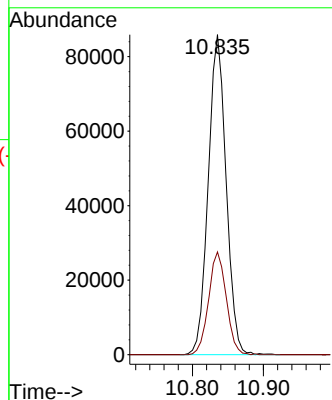
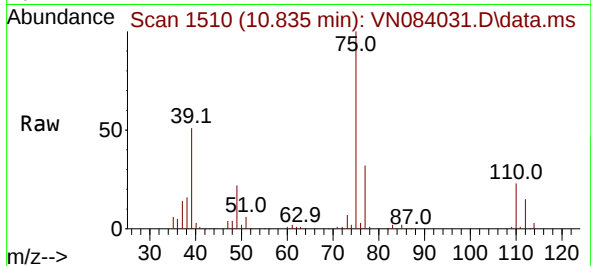




#53
t-1,3-Dichloropropene
Concen: 54.233 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

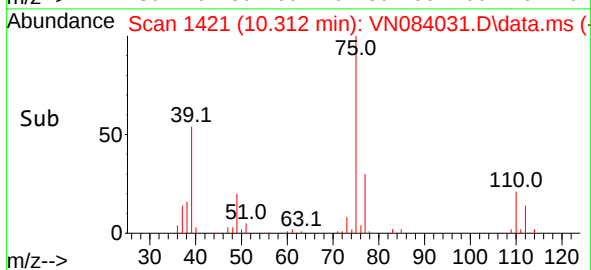
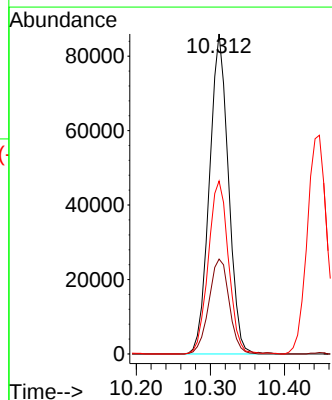
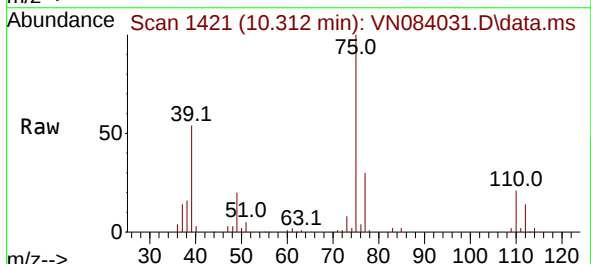
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

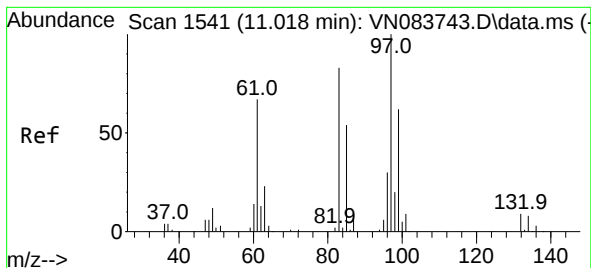
Tgt Ion: 75 Resp: 150215
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 52.715 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 75 Resp: 153373
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.6
39 54.0 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 51.372 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 87494

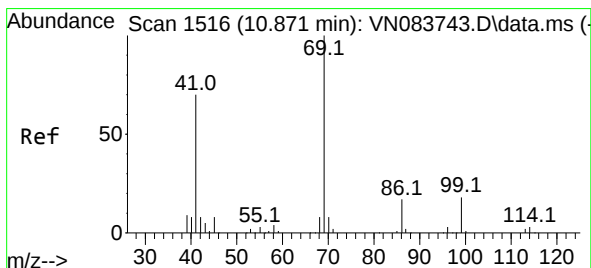
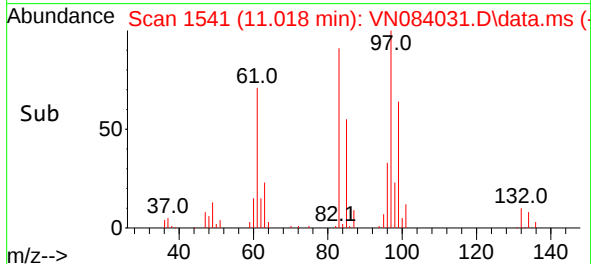
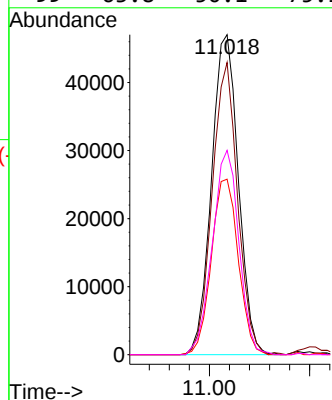
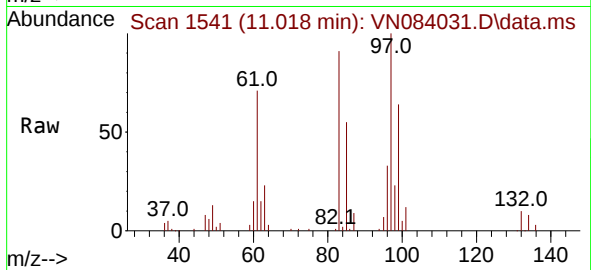
Ion Ratio Lower Upper

97 100

83 91.3 67.5 101.3

85 54.9 44.2 66.2

99 63.8 50.1 75.1



#56

Ethyl methacrylate

Concen: 59.342 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

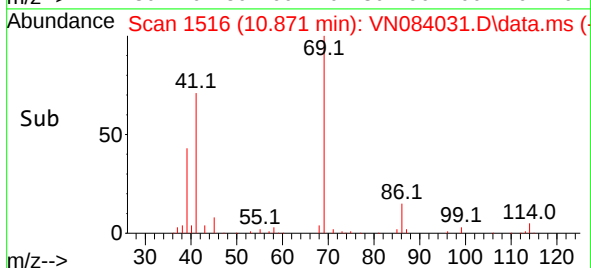
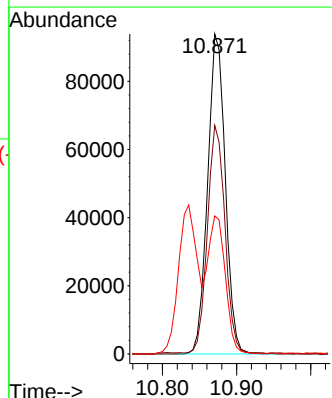
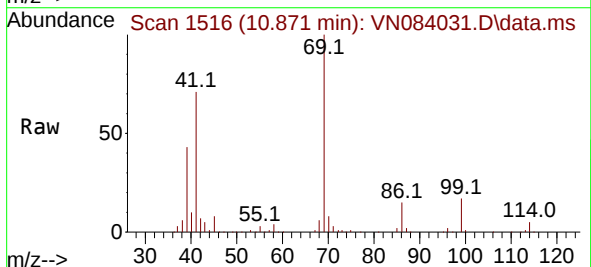
Tgt Ion: 69 Resp: 155498

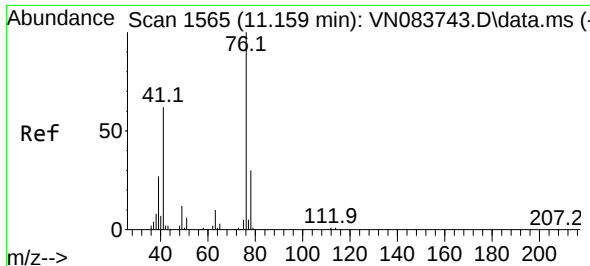
Ion Ratio Lower Upper

69 100

41 70.8 53.9 80.9

39 43.6 32.6 48.8





#57

1,3-Dichloropropane

Concen: 52.739 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

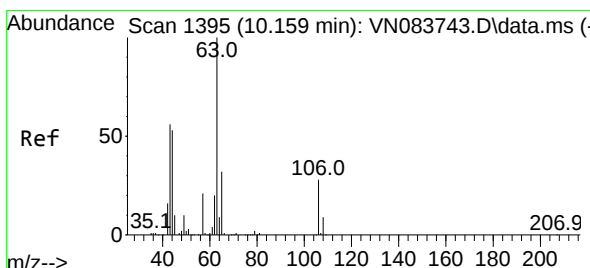
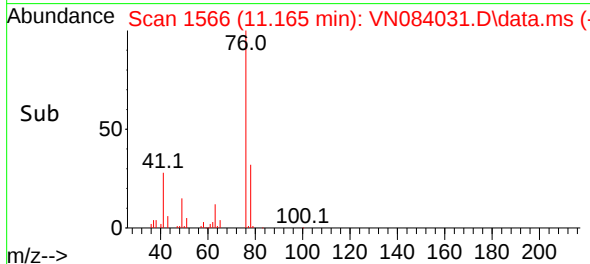
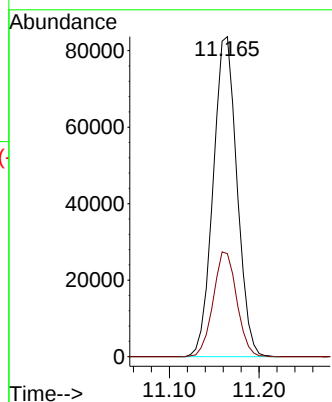
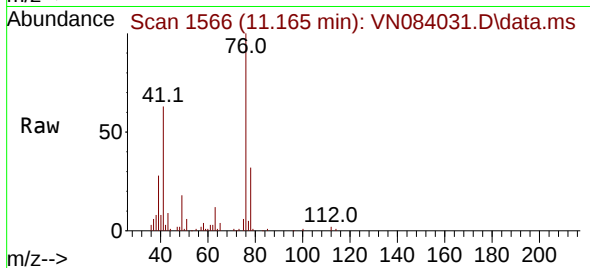
VSTDCCC050

Tgt Ion: 76 Resp: 154376

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 330.730 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084031.D

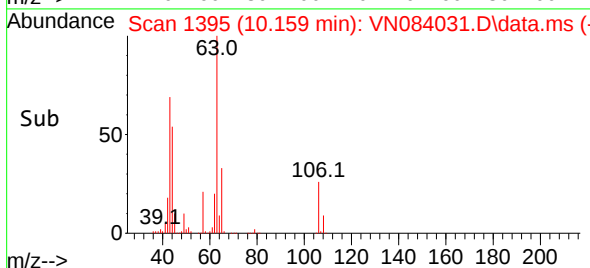
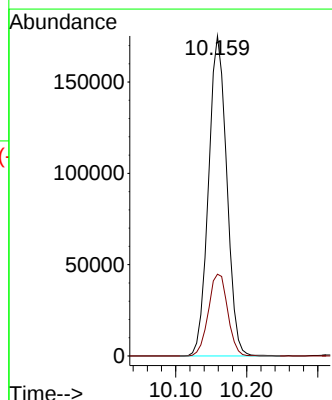
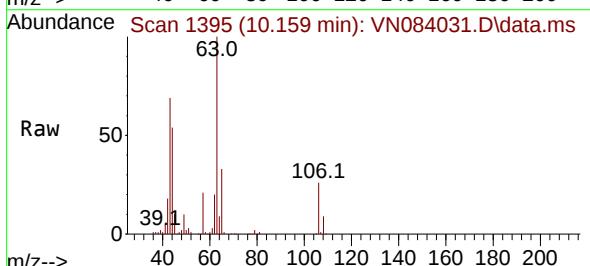
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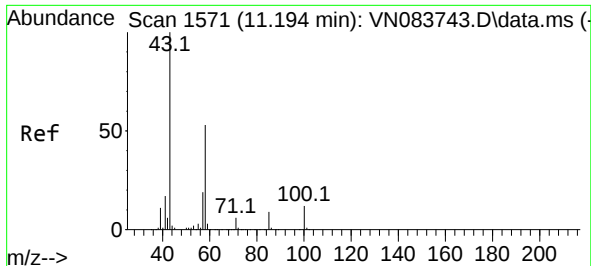
Tgt Ion: 63 Resp: 312267

Ion Ratio Lower Upper

63 100

106 27.0 23.3 34.9

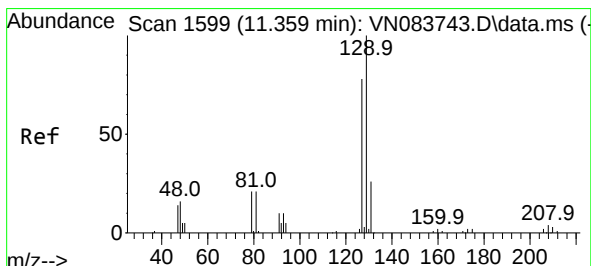
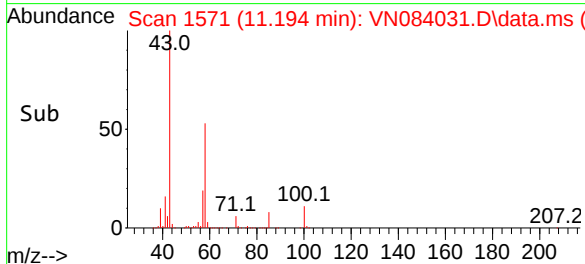
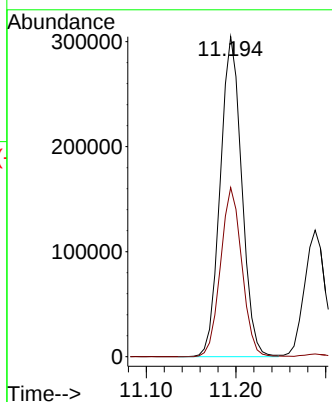
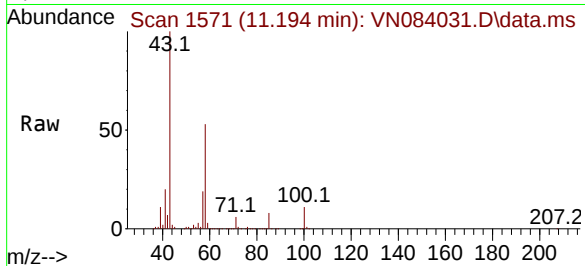




#59
2-Hexanone
Concen: 308.812 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

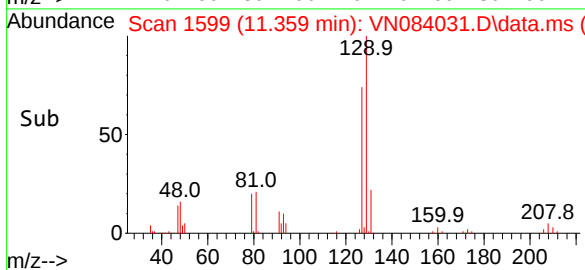
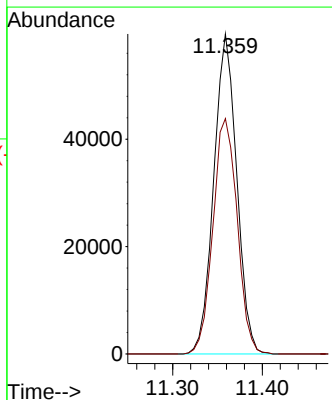
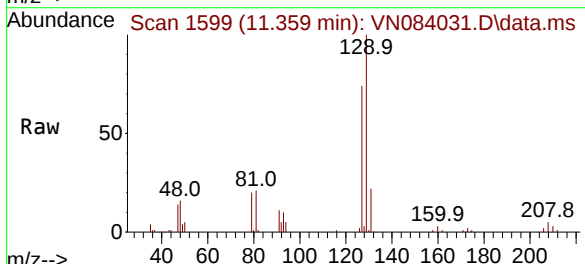
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

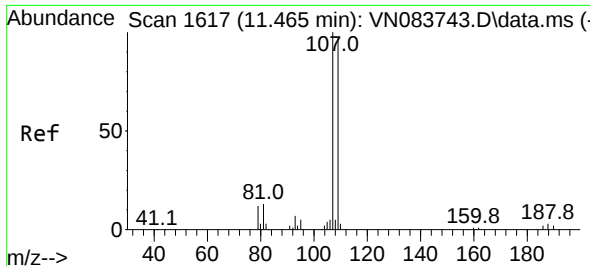
Tgt Ion: 43 Resp: 506840
Ion Ratio Lower Upper
43 100
58 52.4 27.2 81.5



#60
Dibromochloromethane
Concen: 55.557 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:129 Resp: 105895
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9

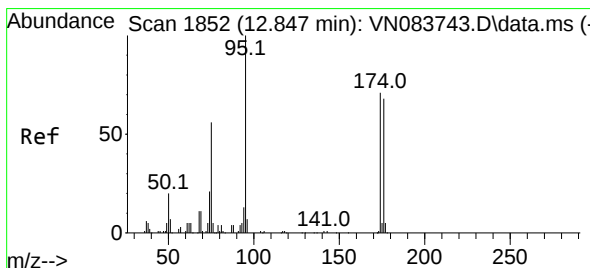
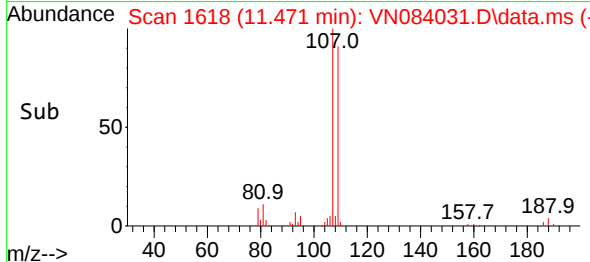
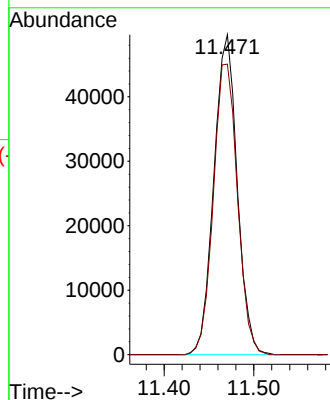
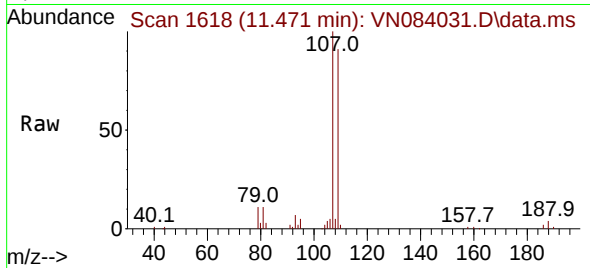




#61
1,2-Dibromoethane
Concen: 52.716 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

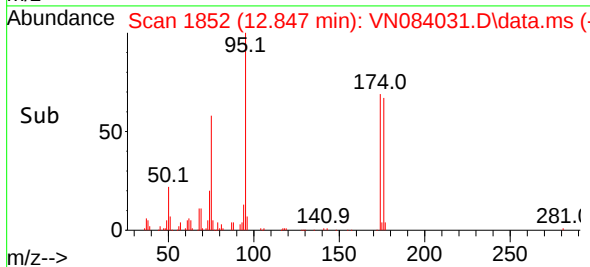
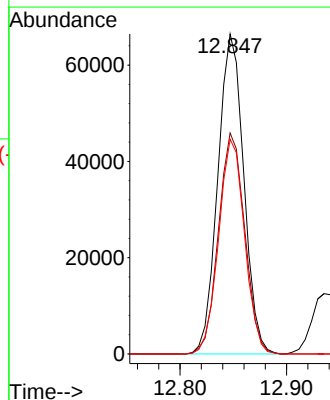
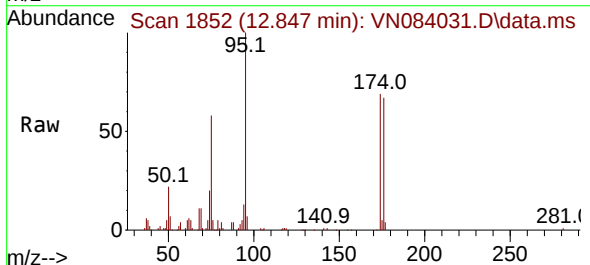
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

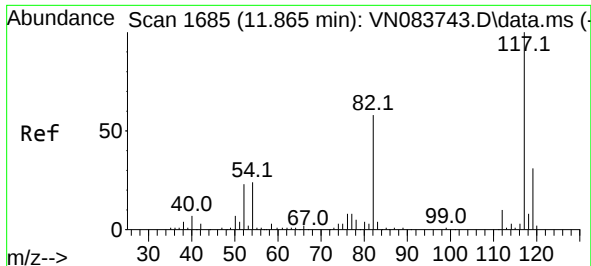
Tgt Ion:107 Resp: 89542
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.800 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 95 Resp: 112242
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 67.0 0.0 131.4

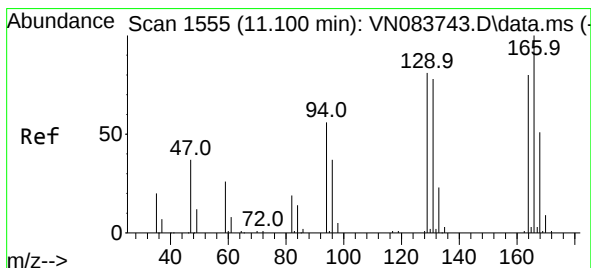
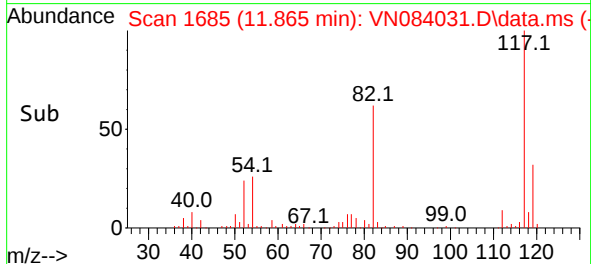
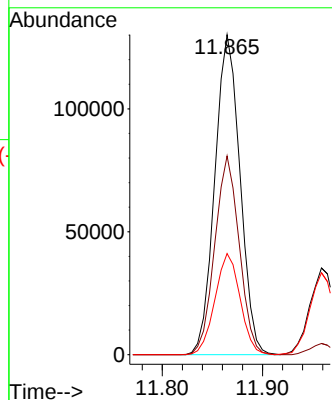
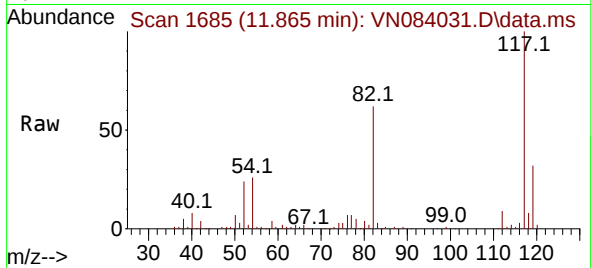




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

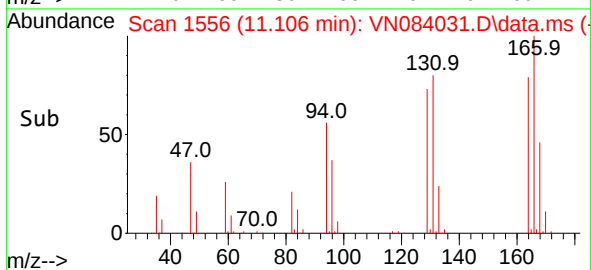
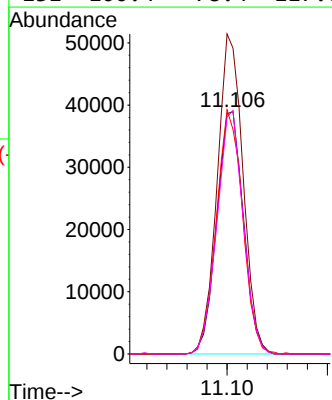
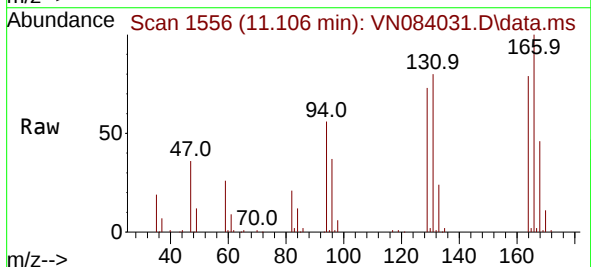
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

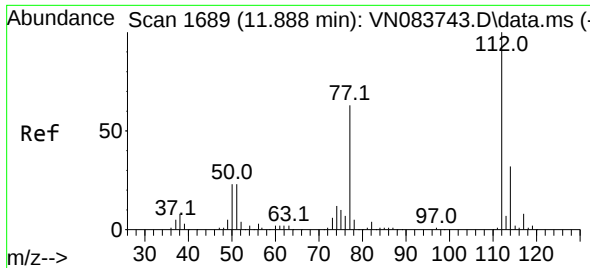
Tgt Ion:117 Resp: 227303
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 47.461 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:164 Resp: 71743
Ion Ratio Lower Upper
164 100
166 126.2 103.7 155.5
129 92.6 79.9 119.9
131 100.4 78.4 117.6

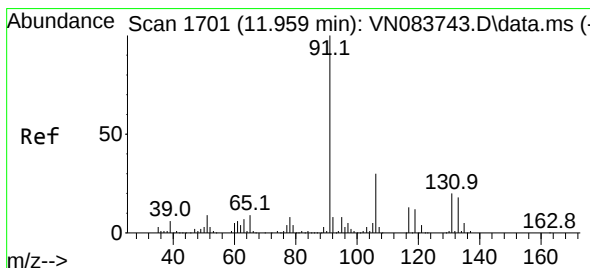
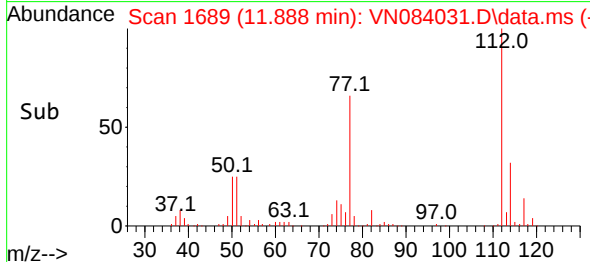
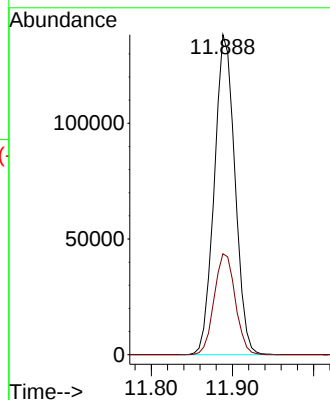
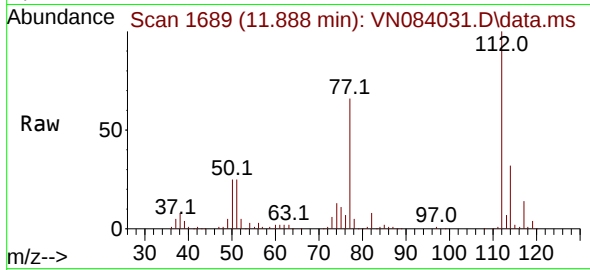




#65
Chlorobenzene
Concen: 48.344 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

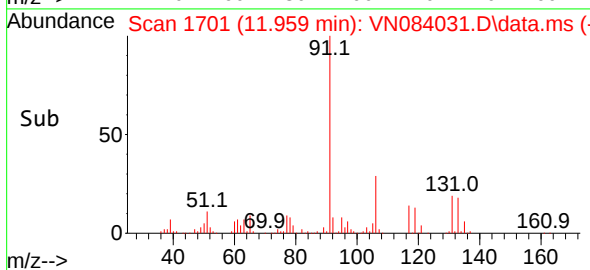
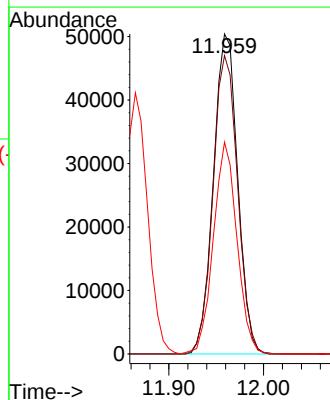
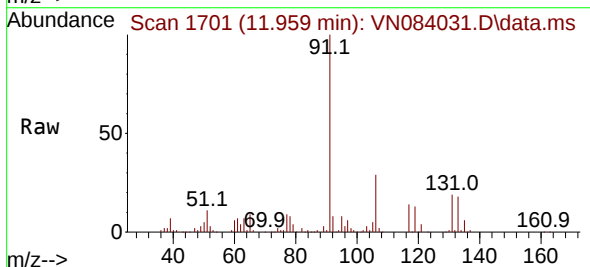
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

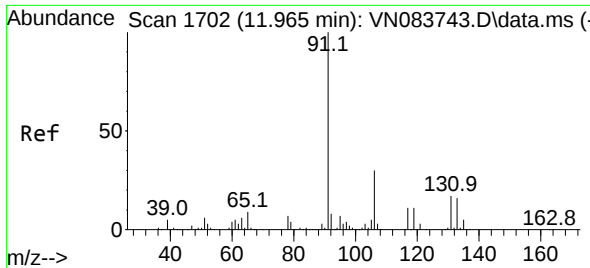
Tgt Ion:112 Resp: 244231
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.290 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:131 Resp: 89827
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 64.3 31.6 94.8

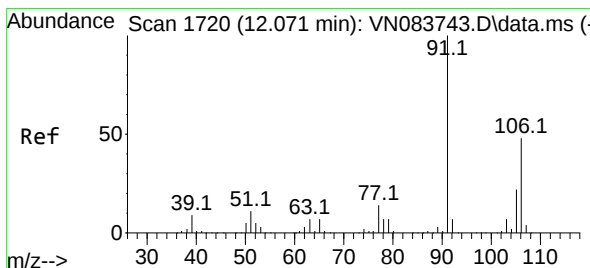
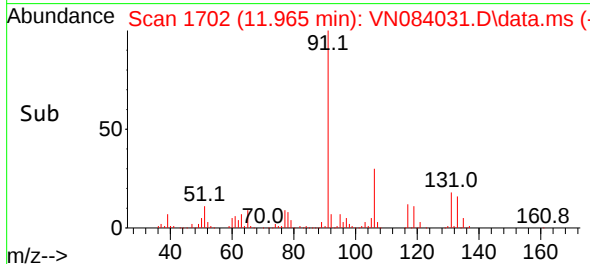
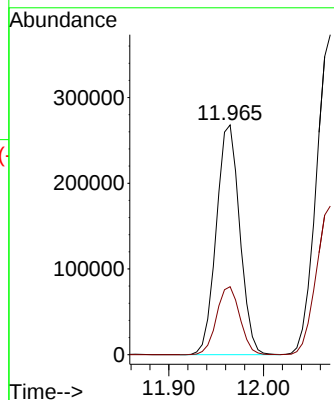
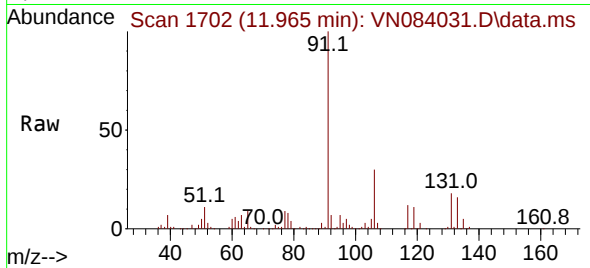




#67
Ethyl Benzene
Concen: 51.361 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

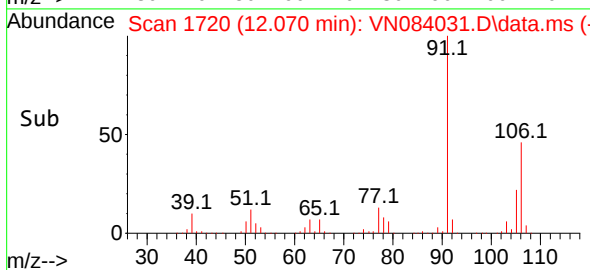
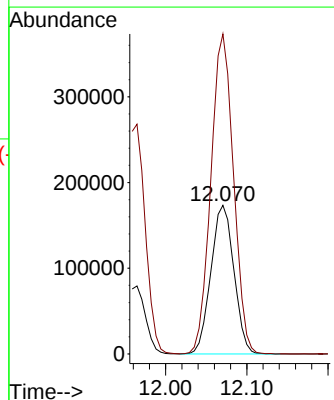
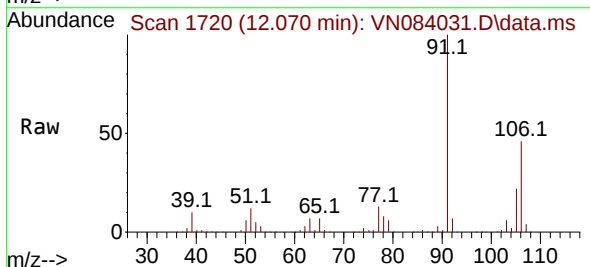
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

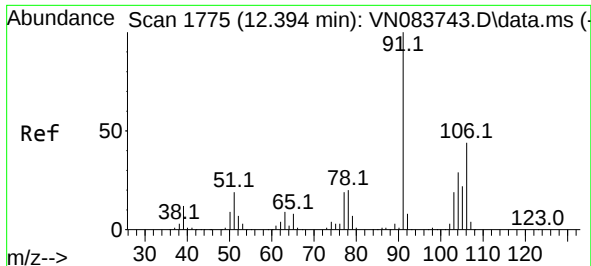
Tgt Ion: 91 Resp: 460936
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 102.565 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:106 Resp: 341731
Ion Ratio Lower Upper
106 100
91 211.6 169.2 253.8

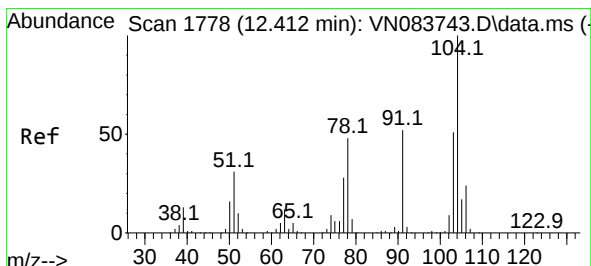
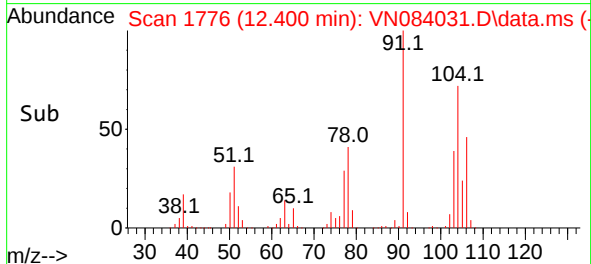
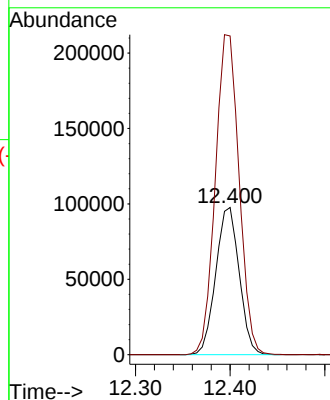
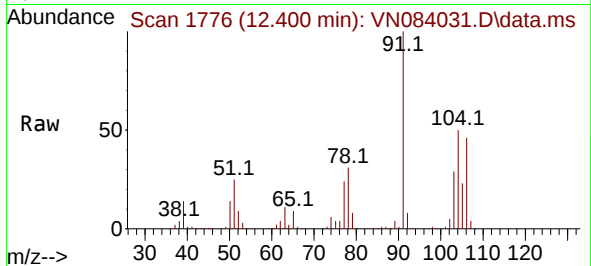




#69
o-Xylene
Concen: 52.060 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

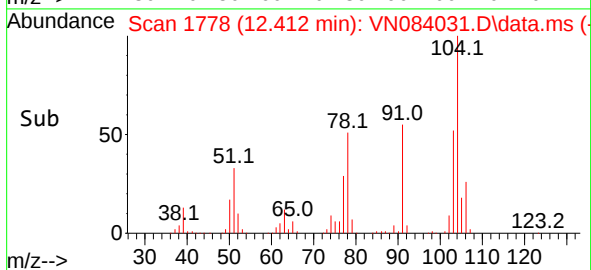
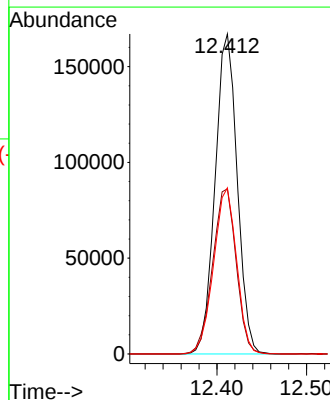
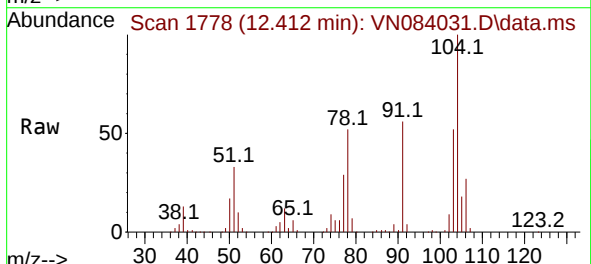
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

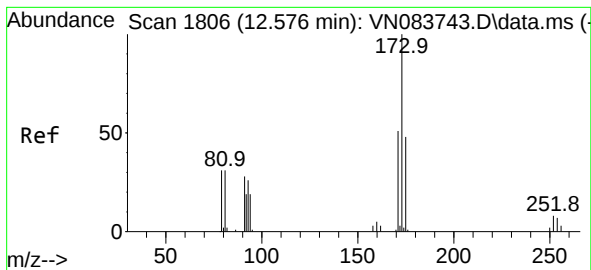
Tgt Ion:106 Resp: 167920
Ion Ratio Lower Upper
106 100
91 220.4 112.9 338.6



#70
Styrene
Concen: 53.967 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:104 Resp: 285676
Ion Ratio Lower Upper
104 100
78 55.1 43.3 64.9
103 54.1 43.4 65.2





#71

Bromoform

Concen: 57.863 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

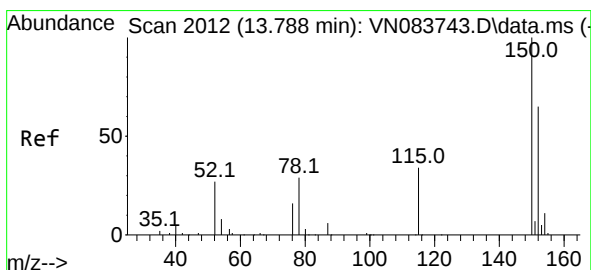
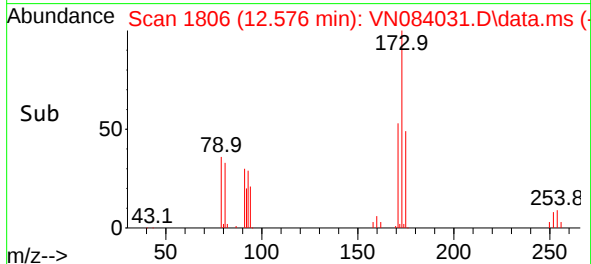
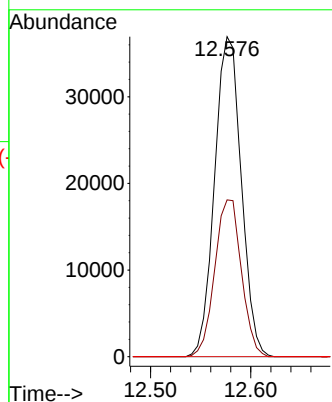
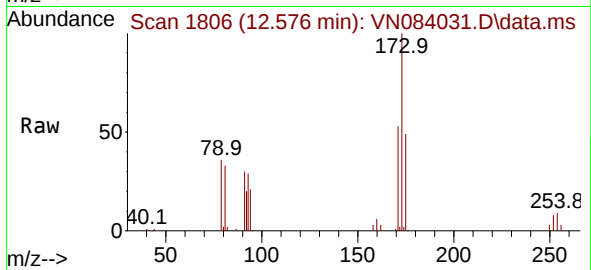
Tgt Ion:173 Resp: 68288

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

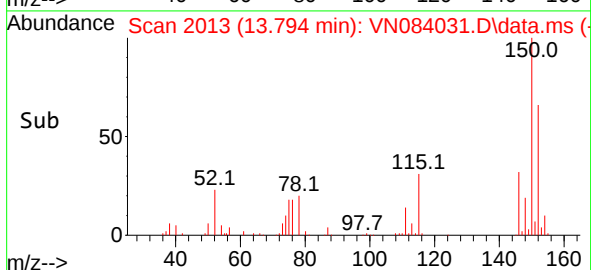
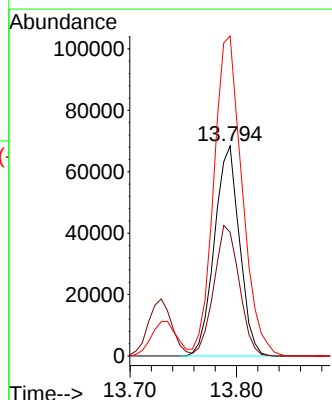
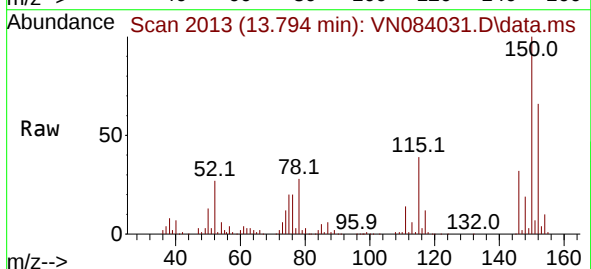
Tgt Ion:152 Resp: 111540

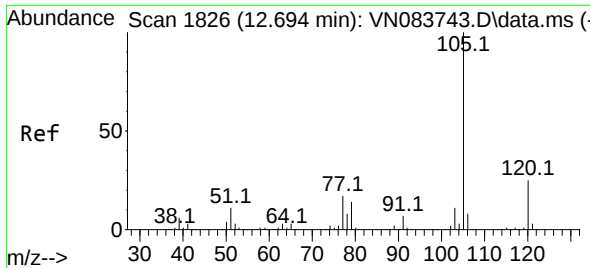
Ion Ratio Lower Upper

152 100

115 63.0 32.2 96.6

150 172.5 0.0 348.6

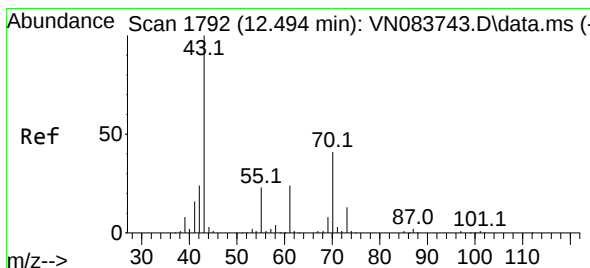
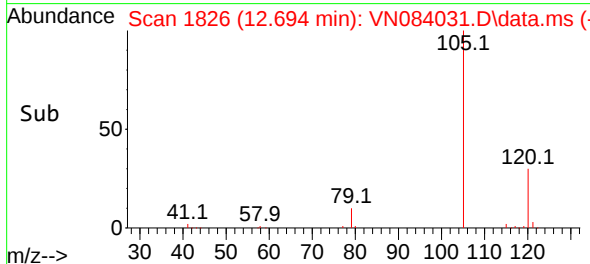
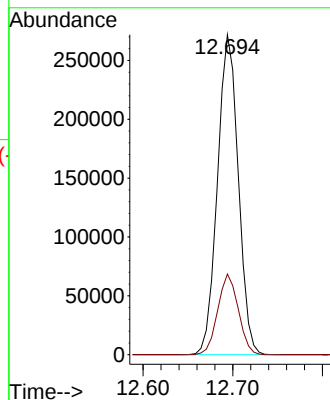
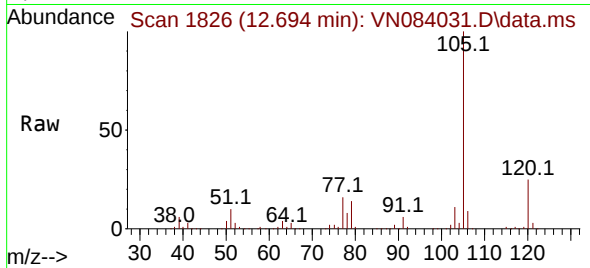




#73
Isopropylbenzene
Concen: 50.707 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

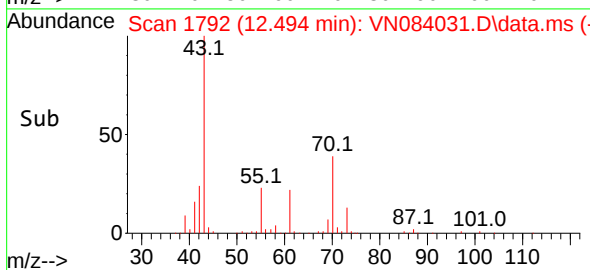
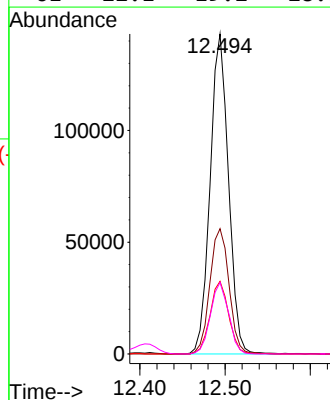
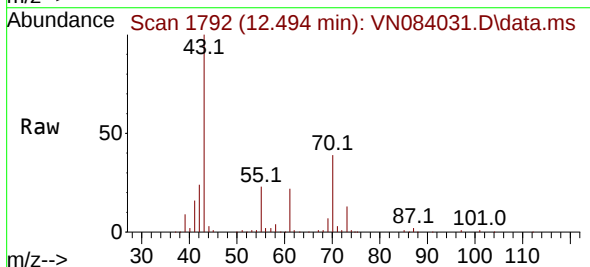
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

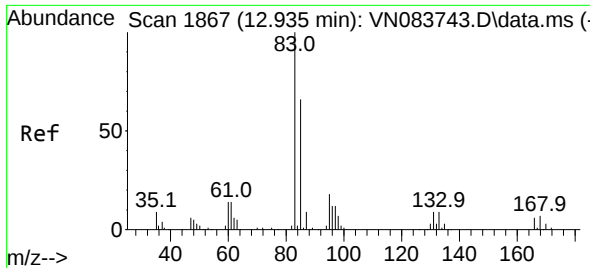
Tgt Ion:105 Resp: 437576
Ion Ratio Lower Upper
105 100
120 24.9 12.6 37.8



#74
N-ethyl acetate
Concen: 58.240 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 43 Resp: 214428
Ion Ratio Lower Upper
43 100
70 40.8 34.5 51.7
55 23.2 18.6 28.0
61 22.1 19.2 28.8

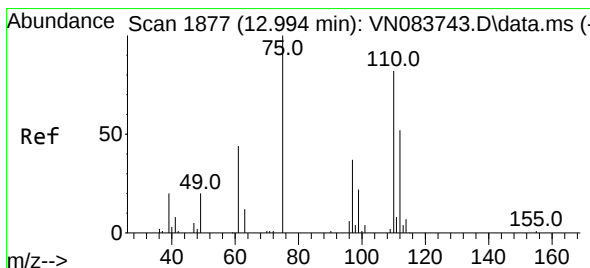
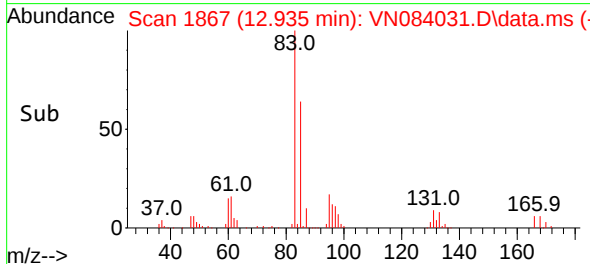
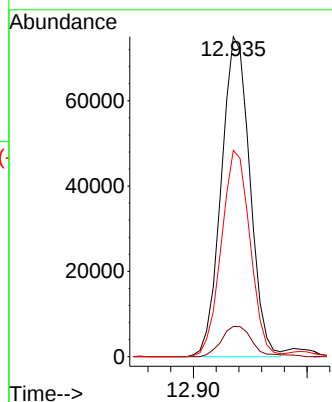
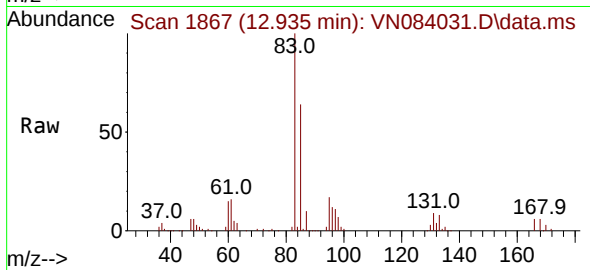




#75
1,1,2,2-Tetrachloroethane
Concen: 51.742 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

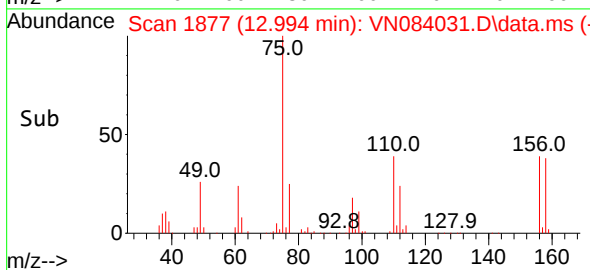
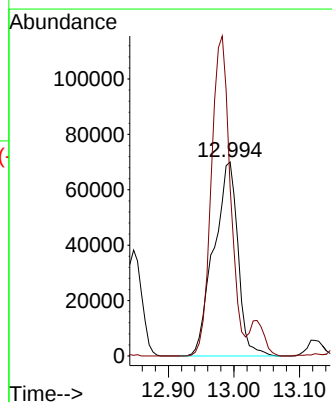
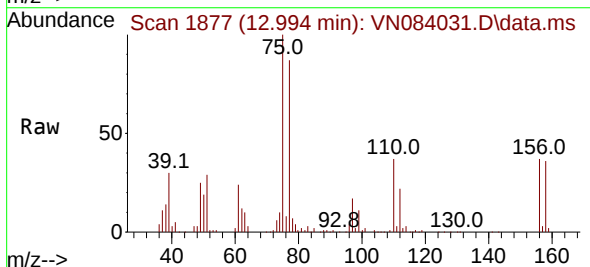
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

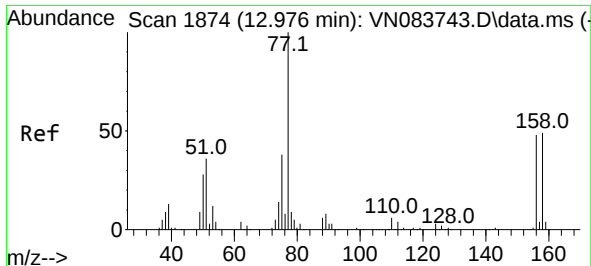
Tgt Ion: 83 Resp: 131192
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 64.7 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 79.335 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 75 Resp: 178555
Ion Ratio Lower Upper
75 100
77 130.1 95.2 285.6

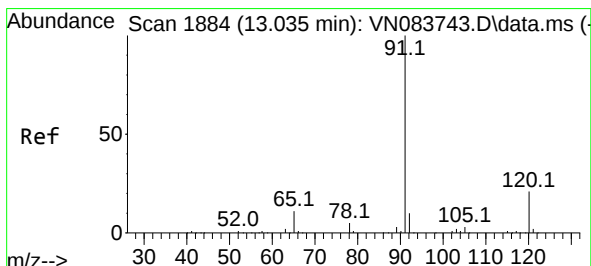
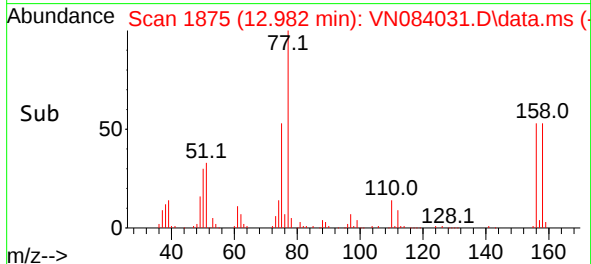
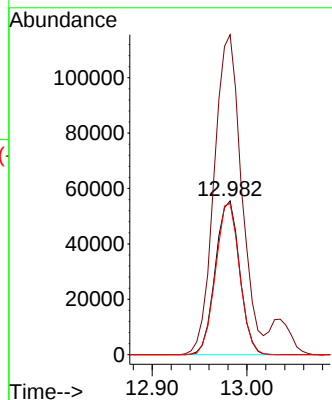
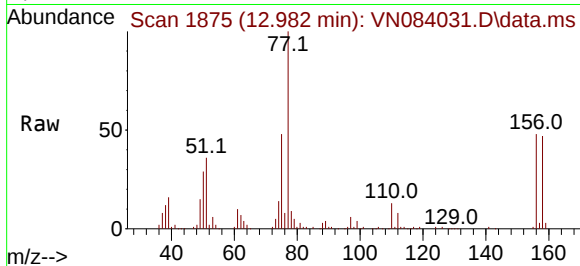




#77
Bromobenzene
Concen: 47.578 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

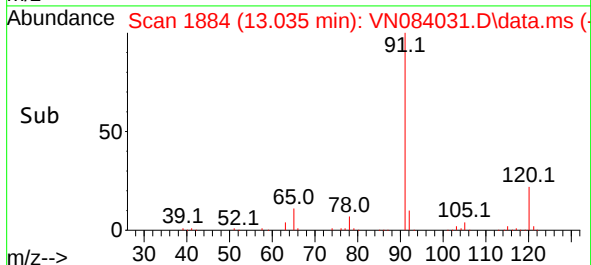
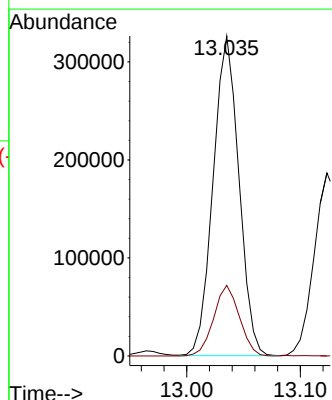
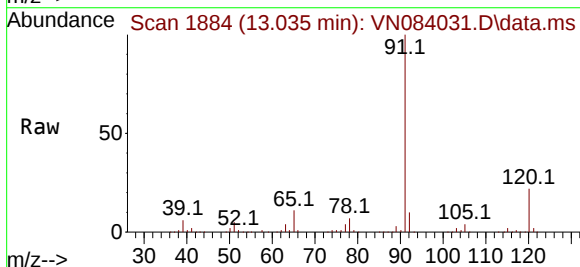
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

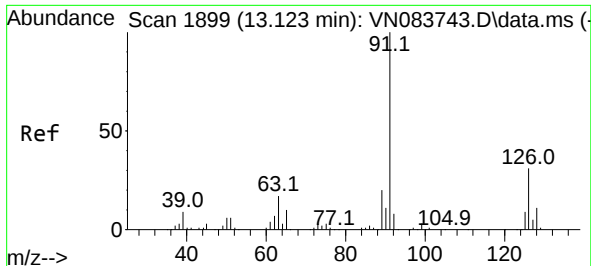
Tgt Ion:156 Resp: 98829
Ion Ratio Lower Upper
156 100
77 235.0 114.3 343.1
158 97.3 48.9 146.7



#78
n-propylbenzene
Concen: 51.120 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 91 Resp: 513272
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0

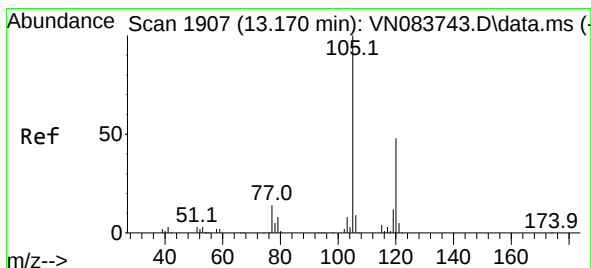
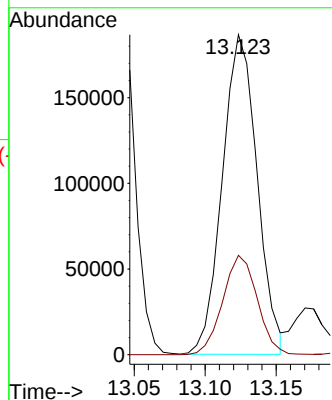
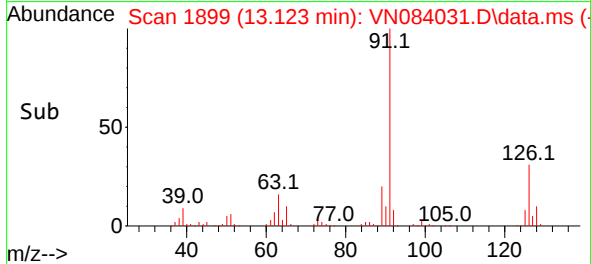
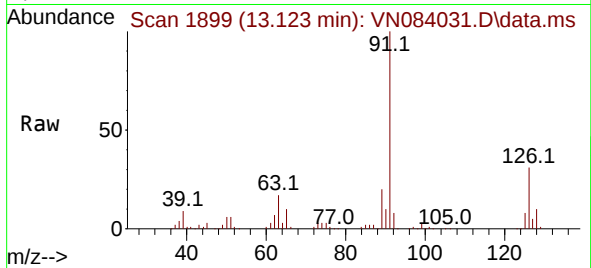




#79
2-Chlorotoluene
Concen: 49.659 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

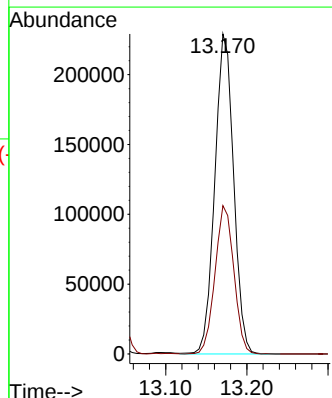
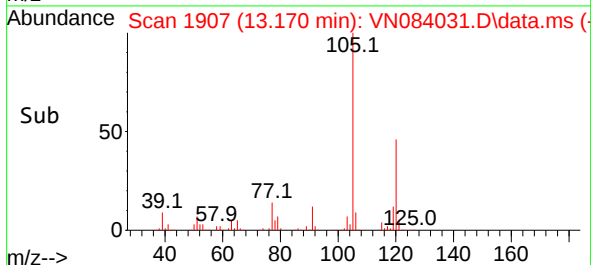
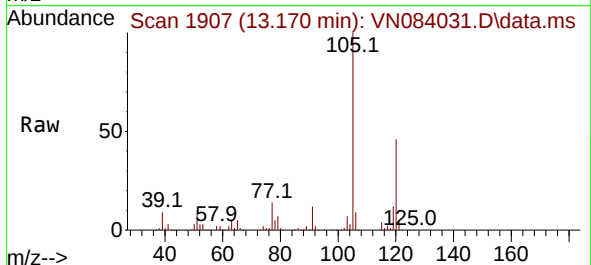
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

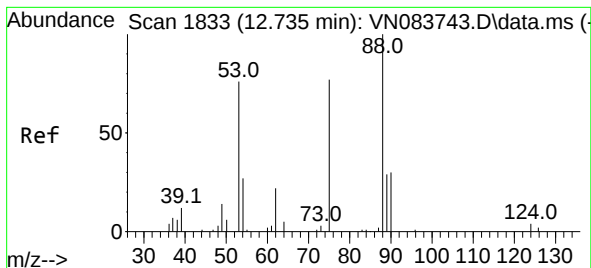
Tgt Ion: 91 Resp: 317980
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 50.695 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 105 Resp: 368827
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.3

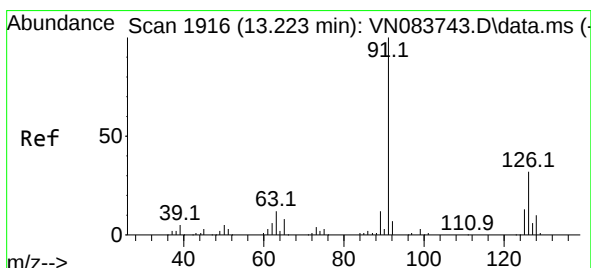
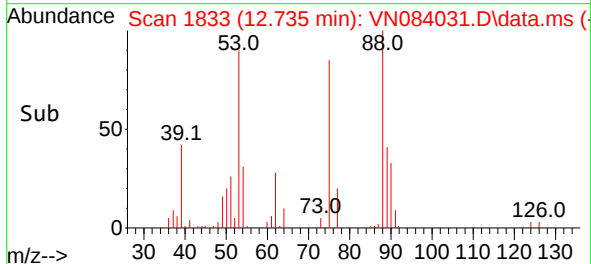
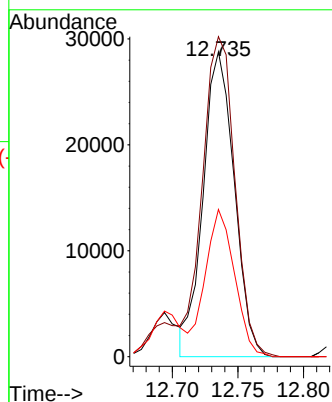
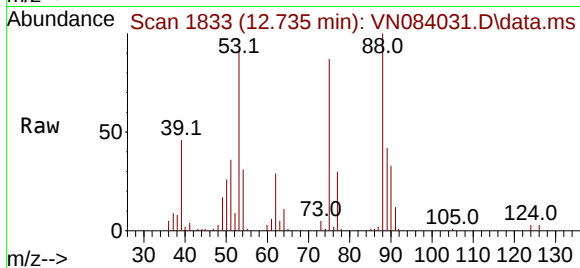




#81
trans-1,4-Dichloro-2-butene
Concen: 55.410 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

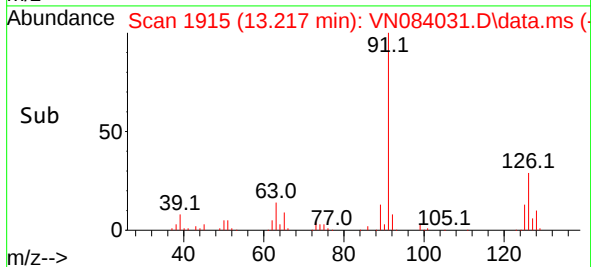
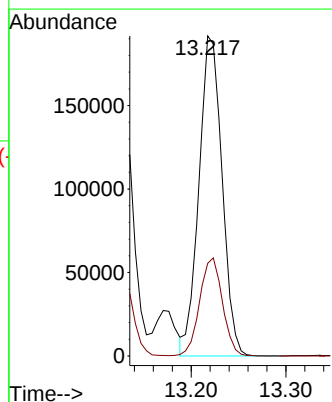
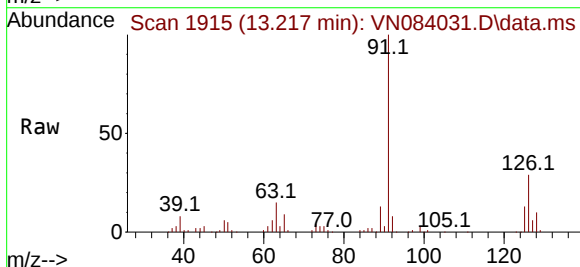
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

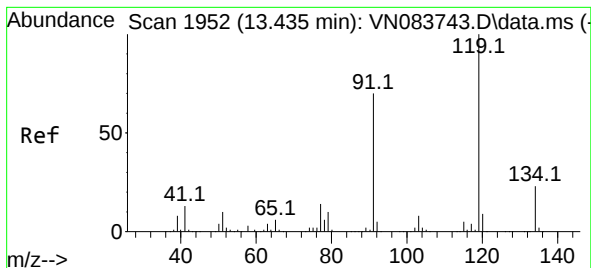
Tgt Ion: 75 Resp: 47616
Ion Ratio Lower Upper
75 100
53 121.1 81.2 121.8
89 45.3 35.7 53.5



#82
4-Chlorotoluene
Concen: 50.550 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 91 Resp: 324822
Ion Ratio Lower Upper
91 100
126 30.2 15.4 46.2





#83

tert-Butylbenzene

Concen: 50.523 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

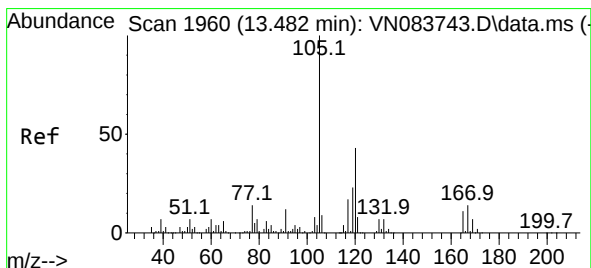
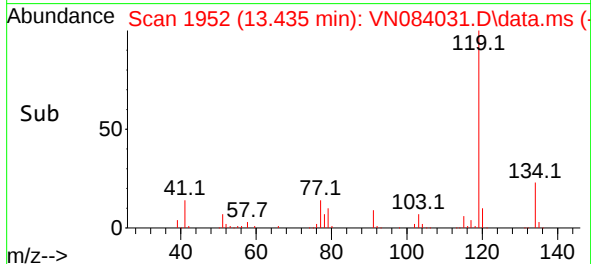
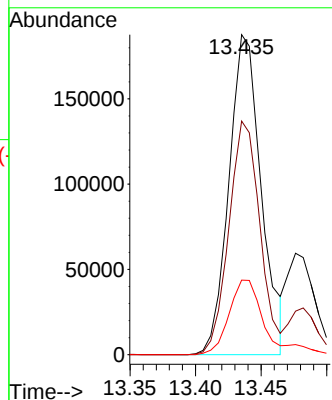
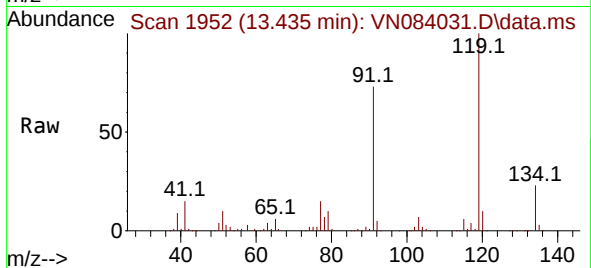
Tgt Ion:119 Resp: 321593

Ion Ratio Lower Upper

119 100

91 70.3 34.5 103.6

134 25.6 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 51.311 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084031.D

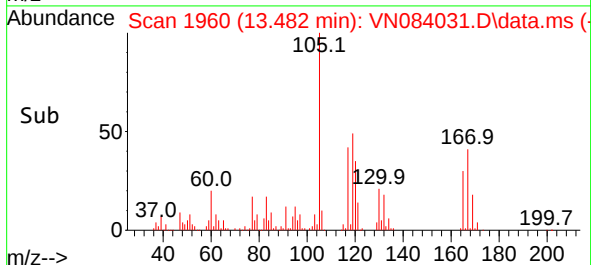
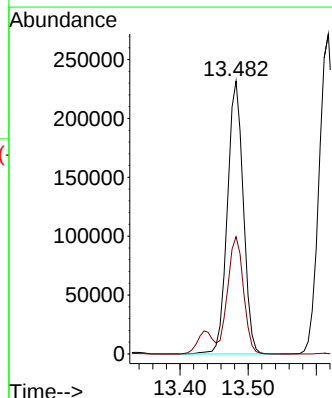
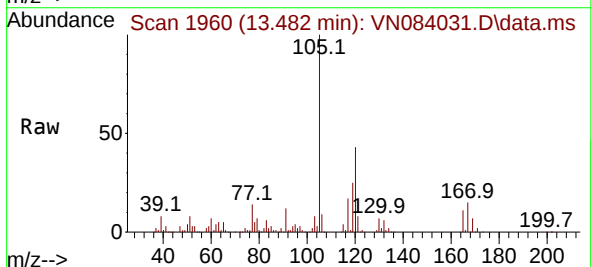
Acq: 19 Sep 2024 13:44

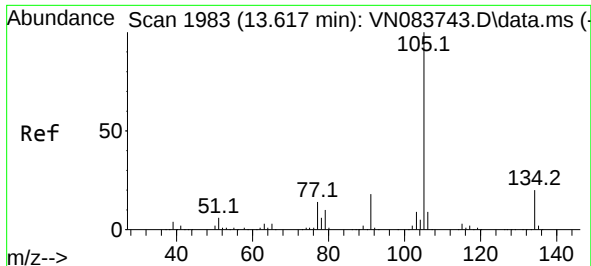
Tgt Ion:105 Resp: 374997

Ion Ratio Lower Upper

105 100

120 42.9 21.8 65.4

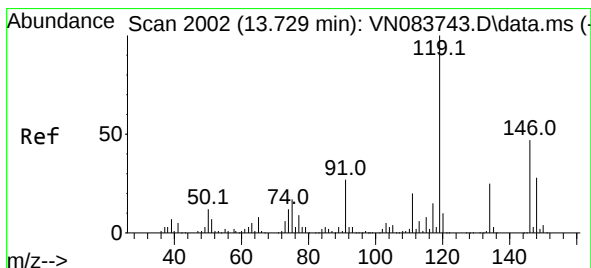
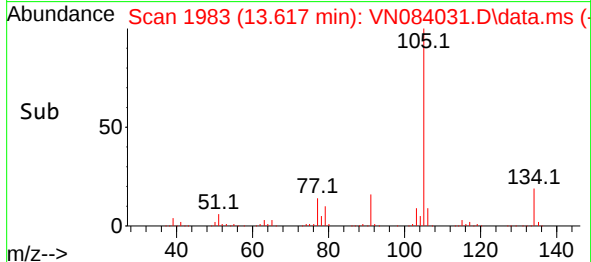
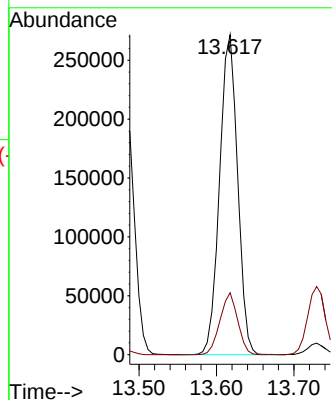
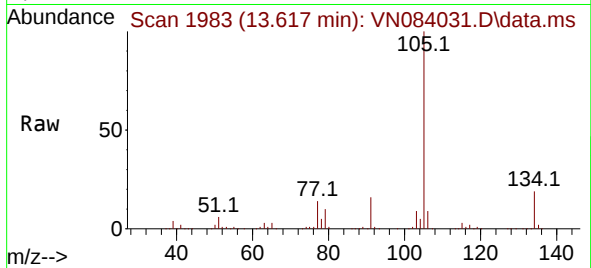




#85
 sec-Butylbenzene
 Concen: 52.041 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084031.D
 Acq: 19 Sep 2024 13:44

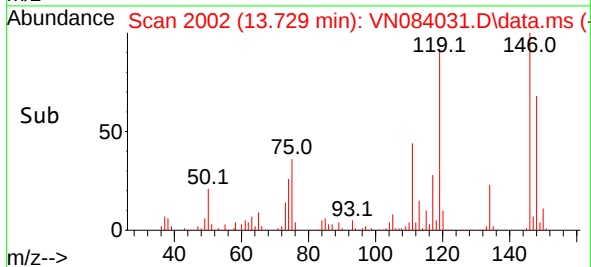
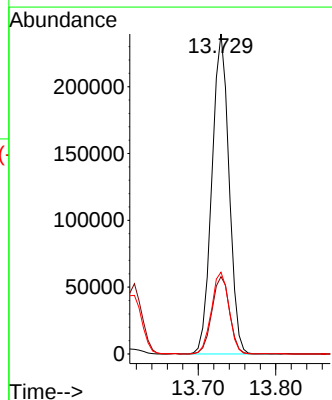
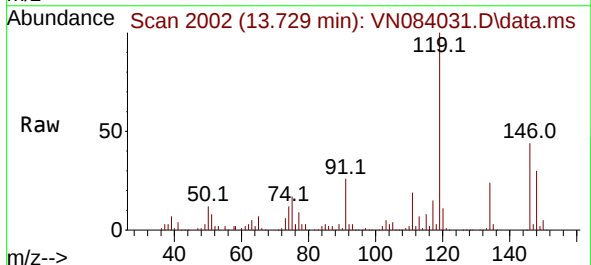
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

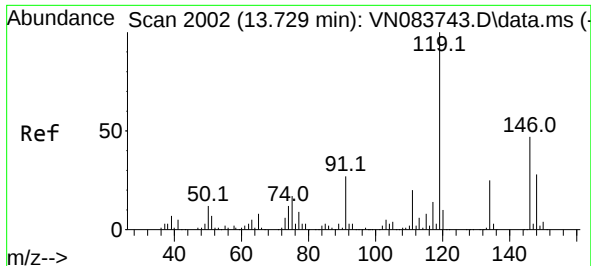
Tgt Ion:105 Resp: 439317
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 51.924 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084031.D
 Acq: 19 Sep 2024 13:44

Tgt Ion:119 Resp: 367438
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.3
 91 26.1 12.9 38.7

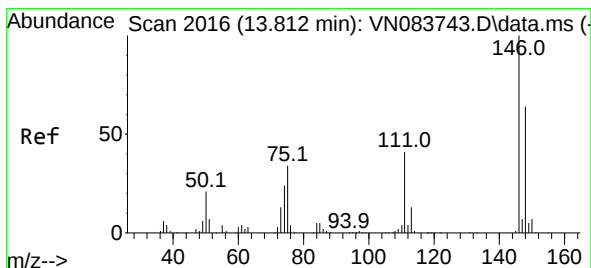
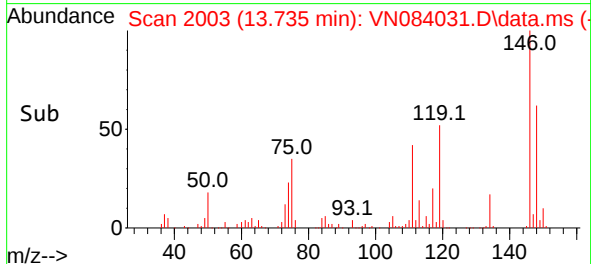
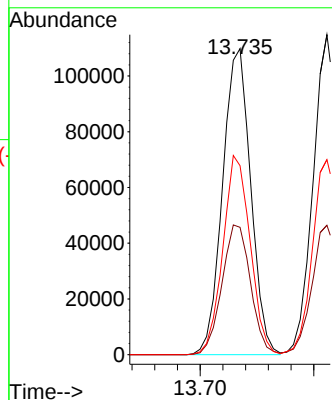
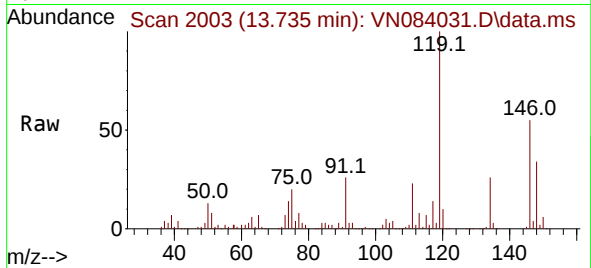




#87
1,3-Dichlorobenzene
Concen: 48.161 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

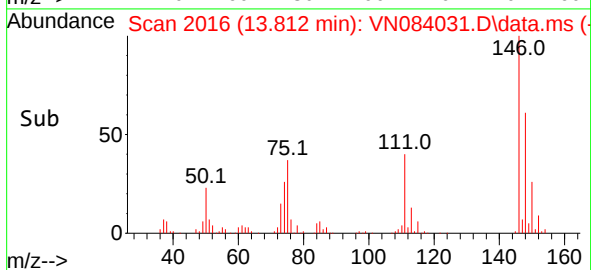
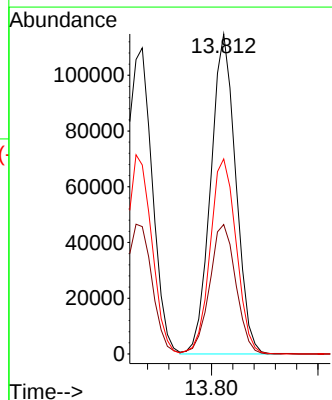
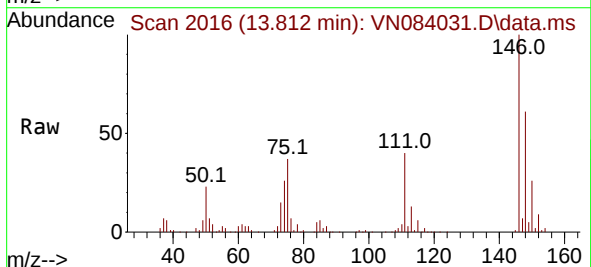
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

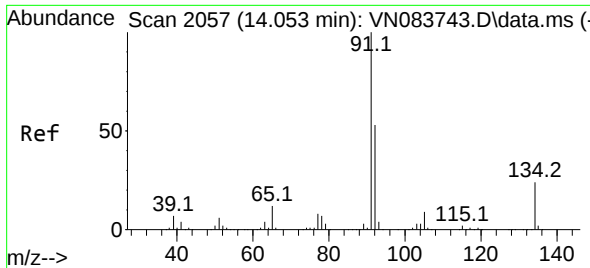
Tgt Ion:146 Resp: 188799
Ion Ratio Lower Upper
146 100
111 43.1 21.7 65.1
148 63.2 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 47.273 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:146 Resp: 187649
Ion Ratio Lower Upper
146 100
111 42.4 21.3 64.0
148 63.4 32.0 96.2

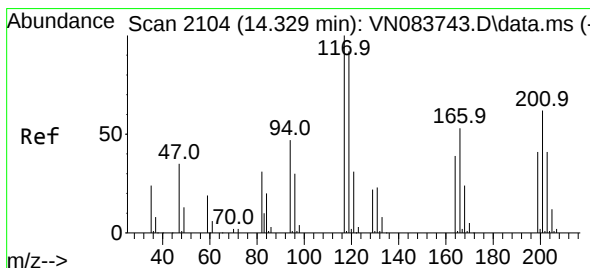
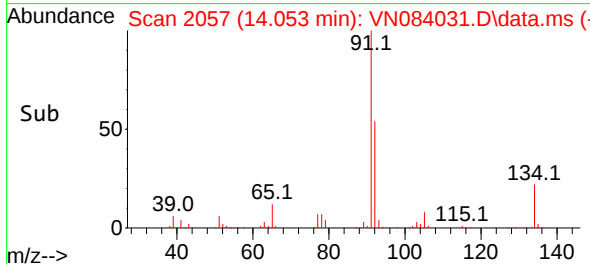
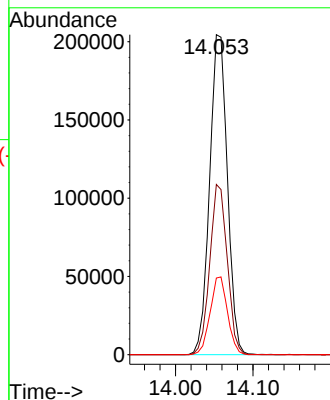
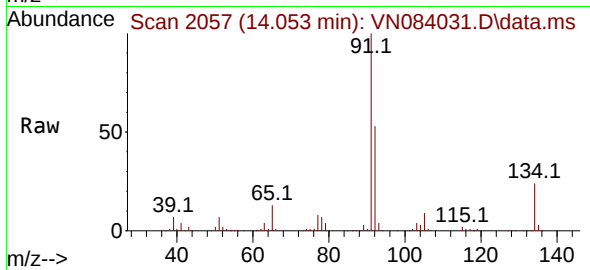




#89
n-Butylbenzene
Concen: 51.176 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

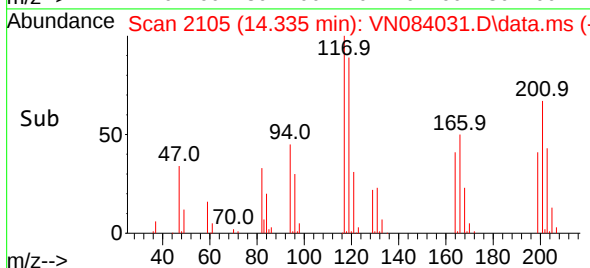
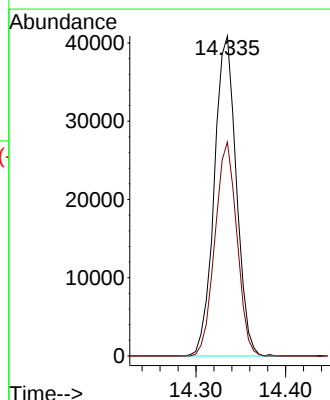
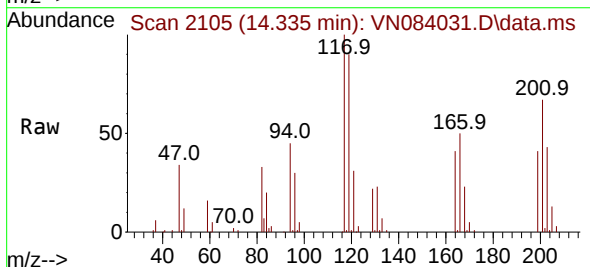
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

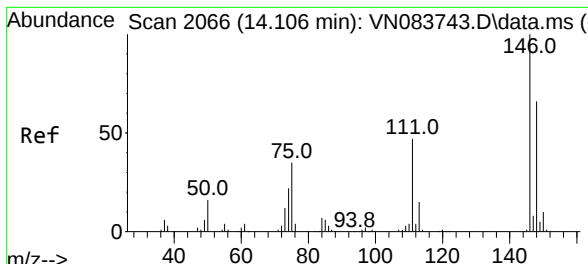
Tgt Ion: 91 Resp: 325146
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 23.8 12.2 36.4



#90
Hexachloroethane
Concen: 48.973 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 117 Resp: 69663
Ion Ratio Lower Upper
117 100
201 66.5 32.8 98.3

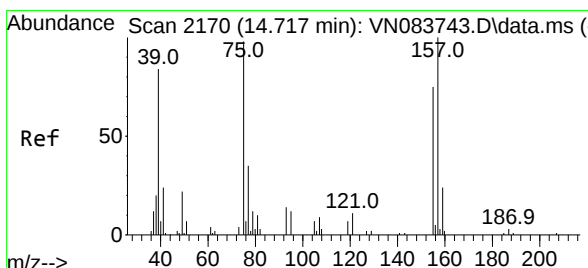
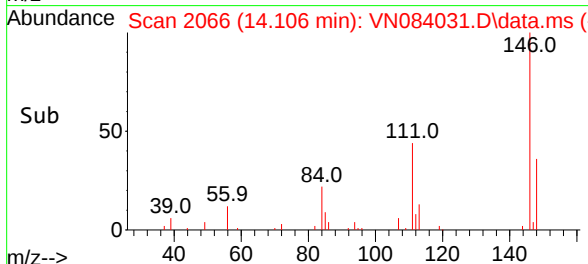
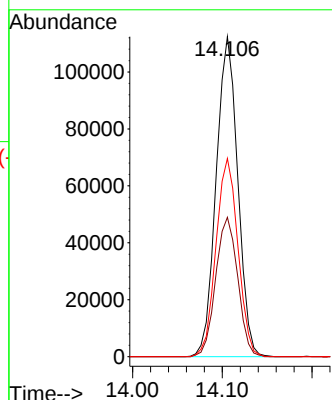
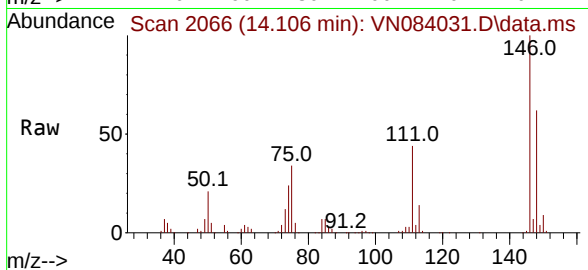




#91
1,2-Dichlorobenzene
Concen: 49.711 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

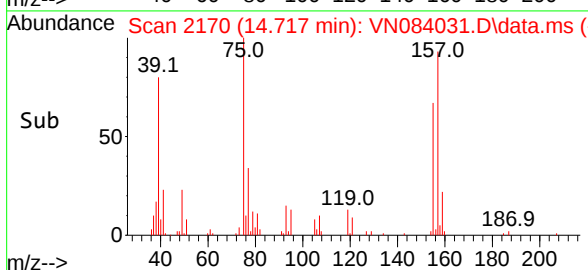
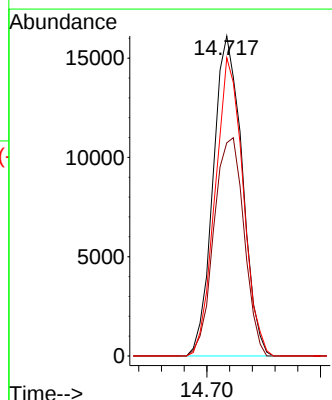
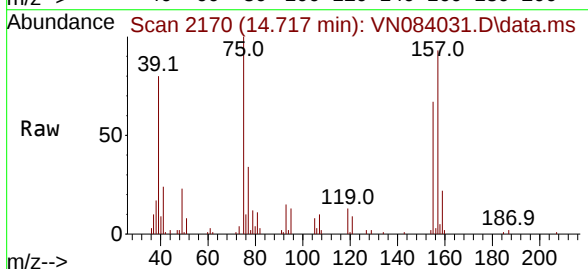
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

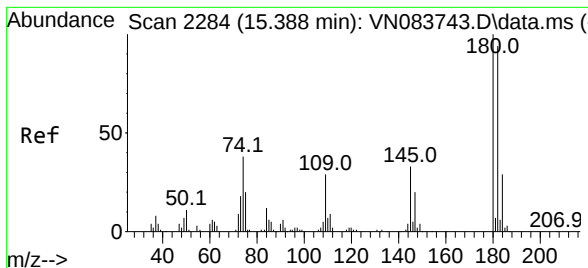
Tgt Ion:146 Resp: 188073
Ion Ratio Lower Upper
146 100
111 44.3 22.8 68.3
148 62.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.591 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion: 75 Resp: 28603
Ion Ratio Lower Upper
75 100
155 70.8 35.9 107.7
157 89.5 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 45.813 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

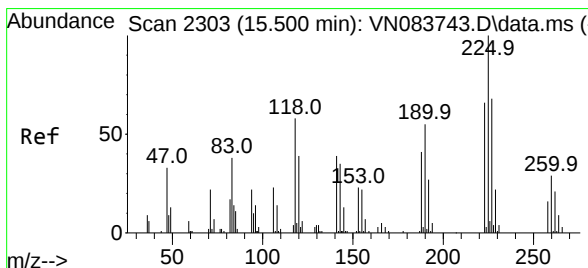
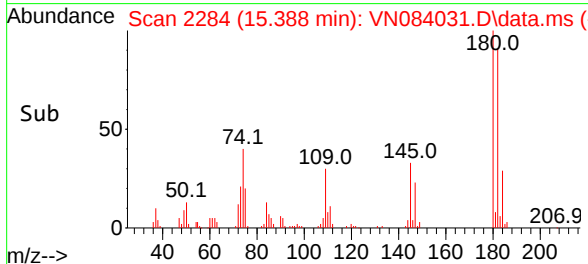
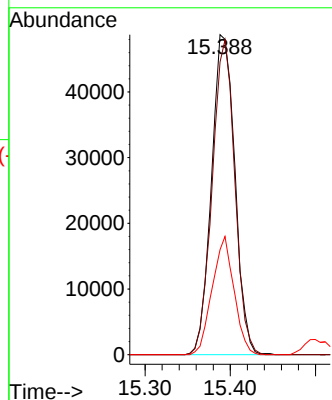
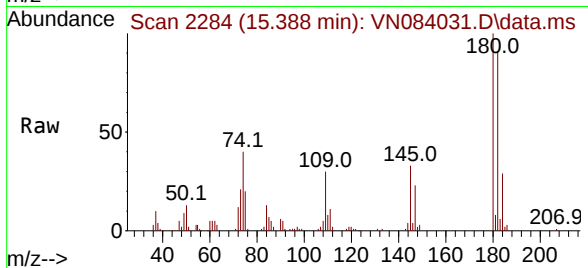
Tgt Ion:180 Resp: 93010

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 34.5 16.9 50.7



#94

Hexachlorobutadiene

Concen: 46.050 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084031.D

Acq: 19 Sep 2024 13:44

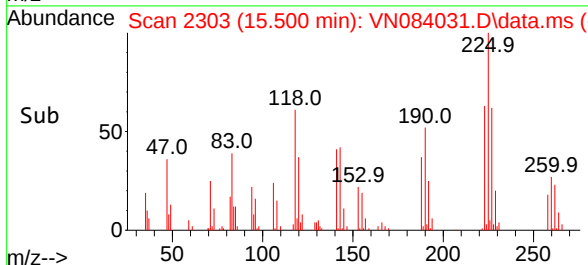
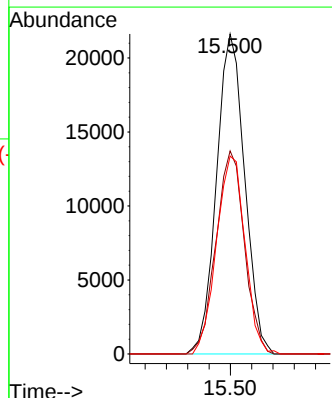
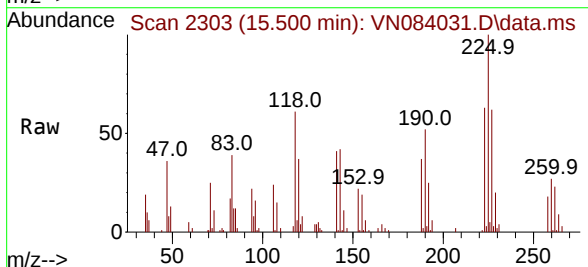
Tgt Ion:225 Resp: 39704

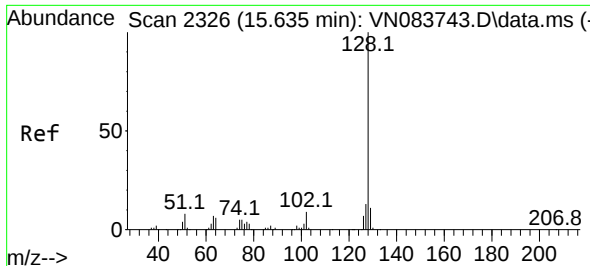
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.5

227 62.6 32.0 96.2

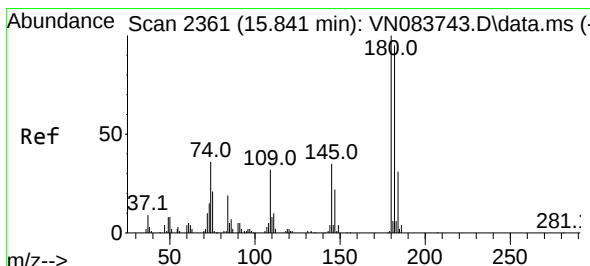
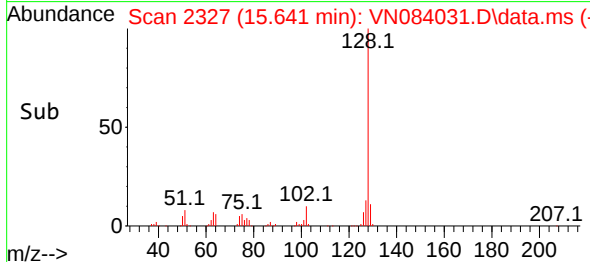
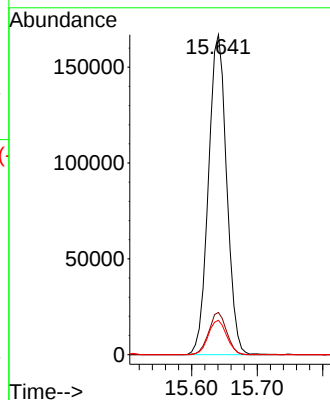
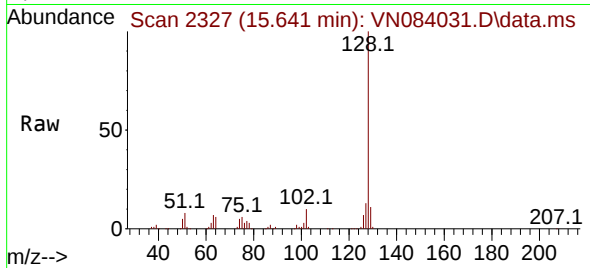




#95
Naphthalene
Concen: 52.208 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 322475
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.670 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084031.D
Acq: 19 Sep 2024 13:44

Tgt Ion:180 Resp: 90554
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.4
145 36.2 17.8 53.5

