

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081305.D
 Acq On : 05 Mar 2024 12:24
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 06 02:53:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 01:47:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	345774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	561947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	258077	51.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.240%	
35) Dibromofluoromethane	8.165	113	201480	53.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.280%	
50) Toluene-d8	10.571	98	765233	53.992	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.853	95	270863	54.072	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	246873	53.860	ug/l	93
3) Chloromethane	2.359	50	230235	46.502	ug/l	98
4) Vinyl Chloride	2.512	62	240196	46.505	ug/l	96
5) Bromomethane	2.948	94	159950	46.368	ug/l	94
6) Chloroethane	3.112	64	158348	44.636	ug/l	99
7) Trichlorofluoromethane	3.495	101	364631	47.721	ug/l	95
8) Diethyl Ether	3.953	74	131030	48.674	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	199972	45.958	ug/l	93
10) Methyl Iodide	4.589	142	204376	51.327	ug/l	97
11) Tert butyl alcohol	5.512	59	195438	223.561	ug/l	98
12) 1,1-Dichloroethene	4.336	96	190625	47.306	ug/l	92
13) Acrolein	4.177	56	248648	240.202	ug/l	100
14) Allyl chloride	5.024	41	276775	46.282	ug/l #	87
15) Acrylonitrile	5.712	53	530047	232.090	ug/l	96
16) Acetone	4.424	43	391759	221.164	ug/l	96
17) Carbon Disulfide	4.712	76	530733	46.147	ug/l	98
18) Methyl Acetate	5.018	43	249585	49.213	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	652552	47.748	ug/l	95
20) Methylene Chloride	5.283	84	215652	49.261	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	207861	45.753	ug/l	98
22) Diisopropyl ether	6.671	45	660915	49.759	ug/l #	93
23) Vinyl Acetate	6.600	43	2677840	248.167	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	381571	46.929	ug/l	95
25) 2-Butanone	7.483	43	684825	230.856	ug/l	94
26) 2,2-Dichloropropane	7.488	77	349529	48.640	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	234587	45.545	ug/l	91
28) Bromochloromethane	7.818	49	162638	46.748	ug/l #	72
29) Tetrahydrofuran	7.841	42	467101	230.915	ug/l	89
30) Chloroform	7.971	83	400293	47.442	ug/l	99
31) Cyclohexane	8.259	56	344053	45.454	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	355466	47.662	ug/l	94
36) 1,1-Dichloropropene	8.377	75	298509	48.803	ug/l	97
37) Ethyl Acetate	7.559	43	294663	49.281	ug/l	100
38) Carbon Tetrachloride	8.365	117	310934	50.509	ug/l	94
39) Methylcyclohexane	9.600	83	356639	50.663	ug/l	94
40) Benzene	8.606	78	883871	48.412	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	158963	47.078	ug/l	96
42) 1,2-Dichloroethane	8.671	62	315006	48.935	ug/l	99
43) Isopropyl Acetate	8.688	43	503007	48.064	ug/l	98
44) Trichloroethene	9.353	130	226833	49.261	ug/l	98
45) 1,2-Dichloropropane	9.624	63	222150	48.436	ug/l	95
46) Dibromomethane	9.712	93	160699	49.709	ug/l	92
47) Bromodichloromethane	9.888	83	311257	49.596	ug/l #	97
48) Methyl methacrylate	9.682	41	228947	49.492	ug/l	90
49) 1,4-Dioxane	9.694	88	93743	919.404	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	1504059	247.512	ug/l	96
52) Toluene	10.635	92	553542	50.190	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	344842	50.784	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	369652	50.427	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	213171	48.741	ug/l	95
56) Ethyl methacrylate	10.876	69	330676	52.654	ug/l	92
57) 1,3-Dichloropropane	11.165	76	372596	48.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	896890	265.495	ug/l #	89
59) 2-Hexanone	11.194	43	1132527	249.297	ug/l	96
60) Dibromochloromethane	11.359	129	228187	50.660	ug/l	99
61) 1,2-Dibromoethane	11.471	107	225474	49.686	ug/l	97
64) Tetrachloroethene	11.106	164	209131	47.530	ug/l	89
65) Chlorobenzene	11.894	112	572138	48.316	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	212432	49.025	ug/l	97
67) Ethyl Benzene	11.965	91	1075201	50.406	ug/l	98
68) m/p-Xylenes	12.070	106	805362	100.323	ug/l	99
69) o-Xylene	12.400	106	390584	50.203	ug/l	98
70) Styrene	12.412	104	652993	52.963	ug/l	97
71) Bromoform	12.582	173	152654	50.744	ug/l #	98
73) Isopropylbenzene	12.700	105	1044804	51.149	ug/l	99
74) N-amyl acetate	12.494	43	442279	51.603	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	294259	46.678	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	414135	67.601	ug/l	60
77) Bromobenzene	12.982	156	227939	47.064	ug/l	79
78) n-propylbenzene	13.035	91	1269446	52.542	ug/l	97
79) 2-Chlorotoluene	13.129	91	732435	49.596	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	876215	51.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	121721	56.854	ug/l	99
82) 4-Chlorotoluene	13.223	91	729122	49.985	ug/l	95
83) tert-Butylbenzene	13.441	119	735217	50.788	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	880540	51.470	ug/l	97
85) sec-Butylbenzene	13.617	105	1093407	52.210	ug/l	94
86) p-Isopropyltoluene	13.729	119	887629	52.851	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	430703	47.097	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	431296	47.185	ug/l	97
89) n-Butylbenzene	14.059	91	810020	52.592	ug/l	97
90) Hexachloroethane	14.335	117	151855	51.644	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	414373	47.226	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	66215	49.084	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	237878	50.720	ug/l	99
94) Hexachlorobutadiene	15.500	225	93091	48.036	ug/l	97
95) Naphthalene	15.641	128	863594	51.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	234345	49.272	ug/l	97

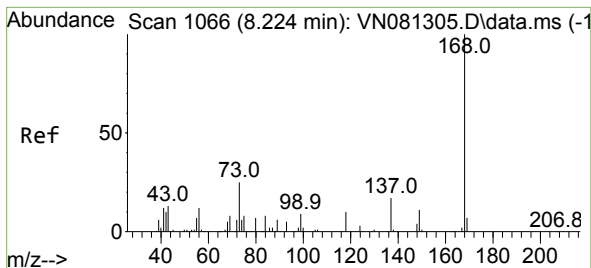
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

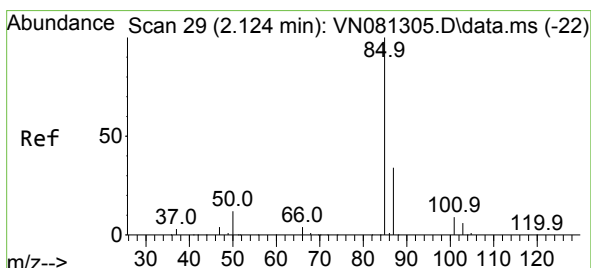
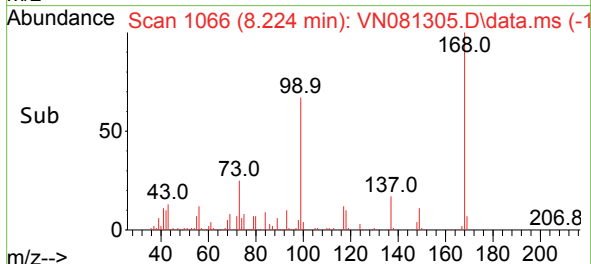
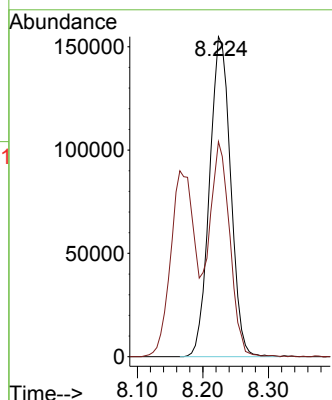
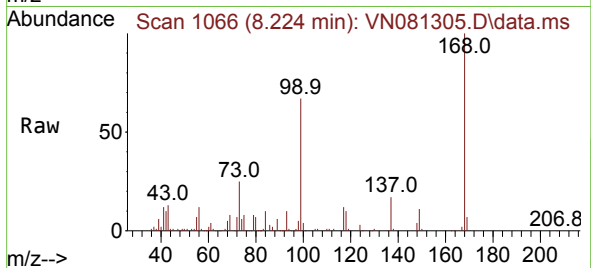
VSTDICCC050

Tgt Ion:168 Resp: 345774

Ion Ratio Lower Upper

168 100

99 67.1 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 53.860 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081305.D

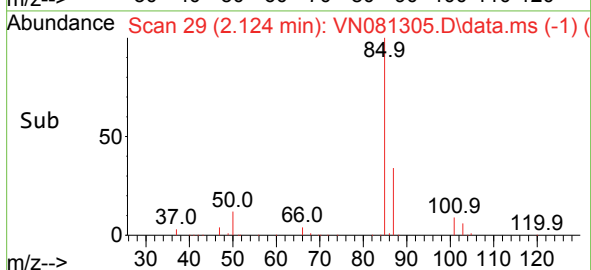
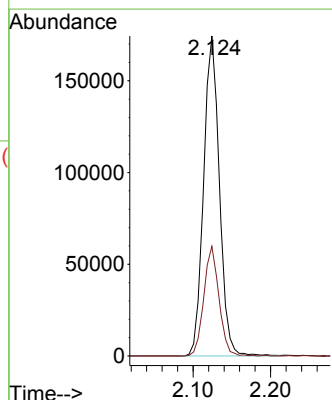
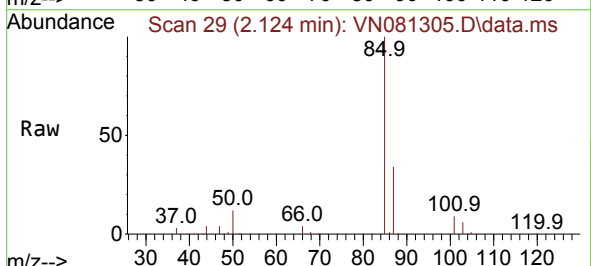
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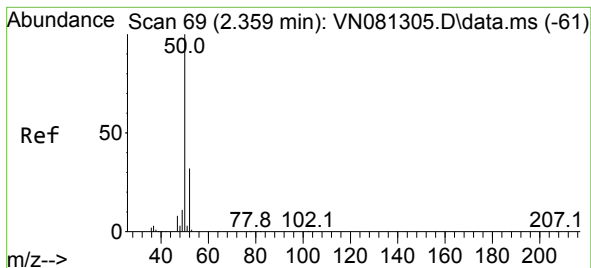
Tgt Ion: 85 Resp: 246873

Ion Ratio Lower Upper

85 100

87 34.3 15.3 45.9





#3

Chloromethane

Concen: 46.502 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

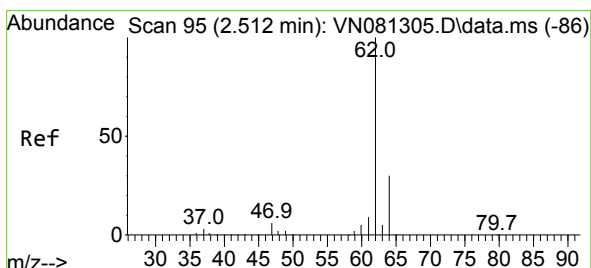
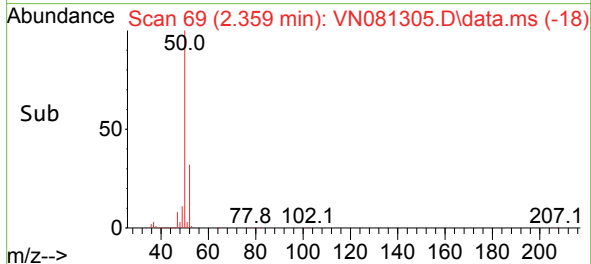
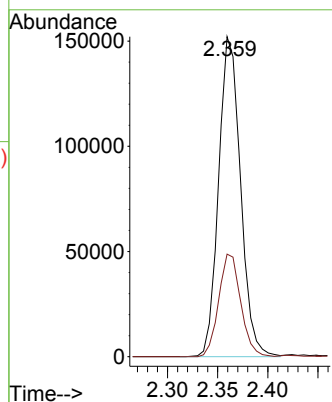
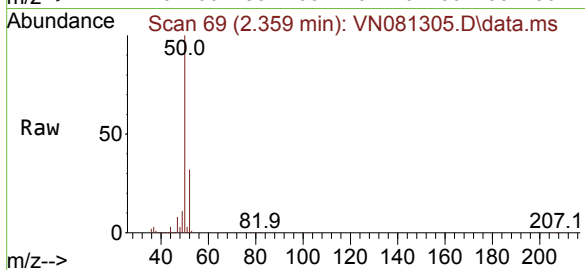
VSTDICCC050

Tgt Ion: 50 Resp: 230235

Ion Ratio Lower Upper

50 100

52 32.0 25.0 37.4



#4

Vinyl Chloride

Concen: 46.505 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN081305.D

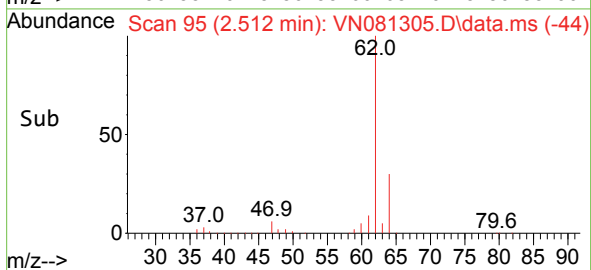
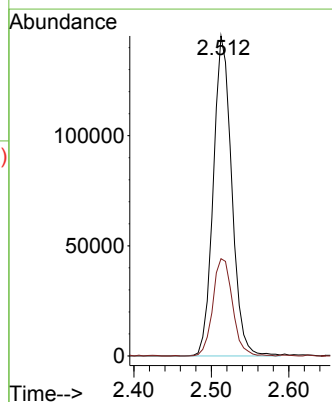
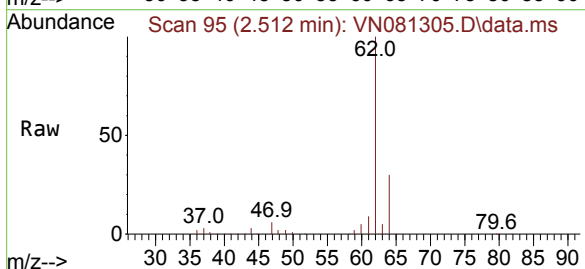
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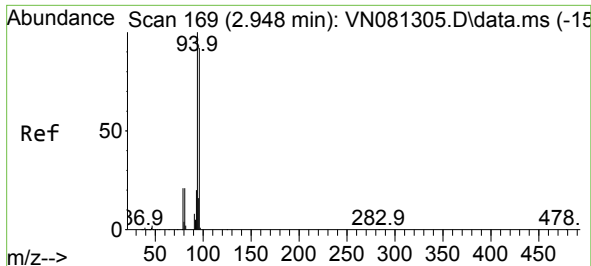
Tgt Ion: 62 Resp: 240196

Ion Ratio Lower Upper

62 100

64 30.4 22.7 34.1

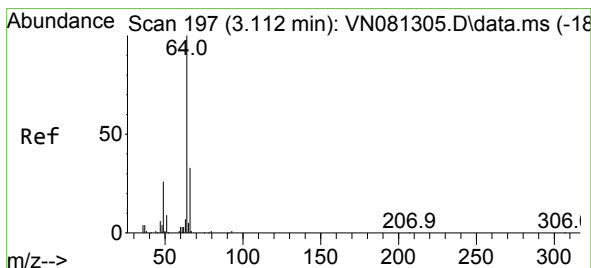
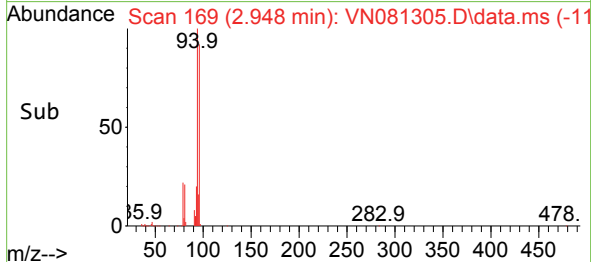
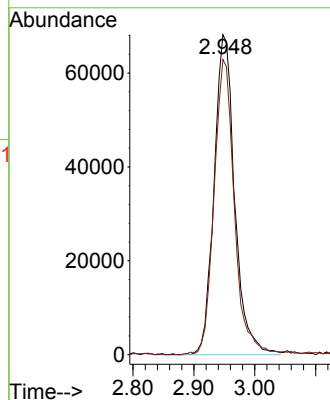
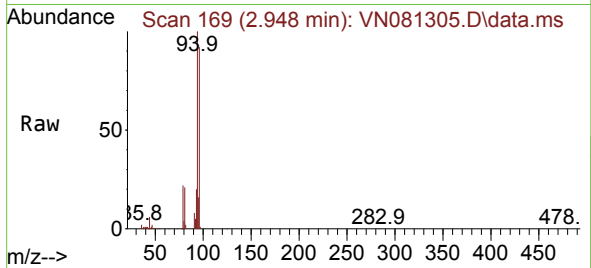




#5
Bromomethane
Concen: 46.368 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081305.D
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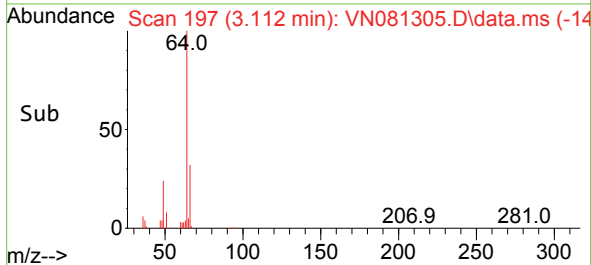
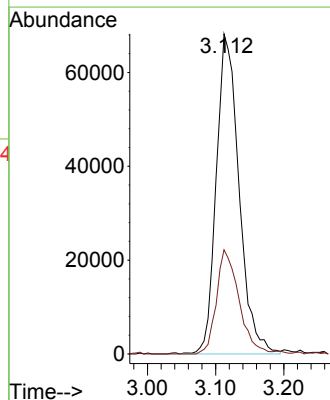
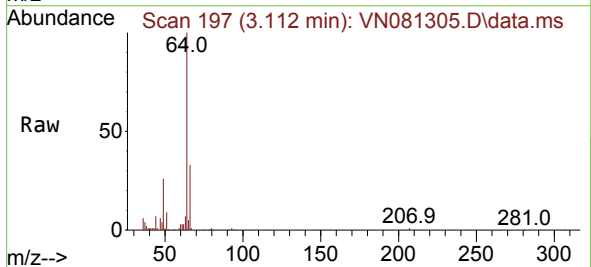
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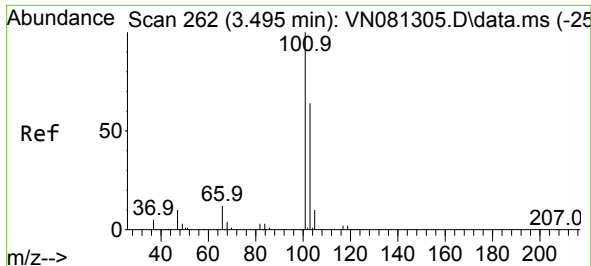
Tgt Ion: 94 Resp: 159950
Ion Ratio Lower Upper
94 100
96 92.3 69.2 103.8



#6
Chloroethane
Concen: 44.636 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 64 Resp: 158348
Ion Ratio Lower Upper
64 100
66 32.6 26.4 39.6

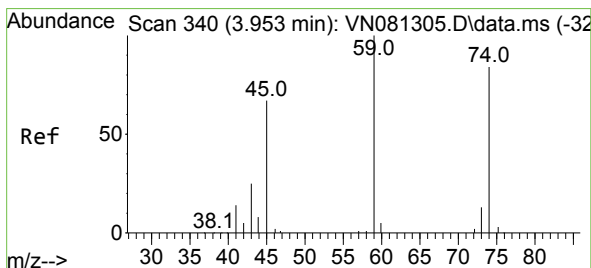
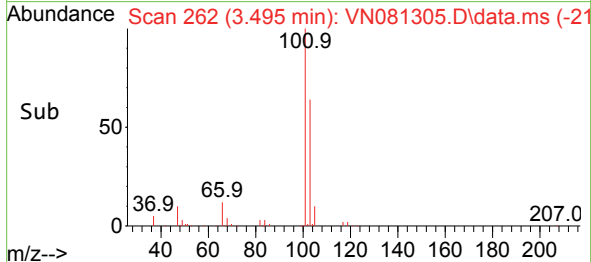
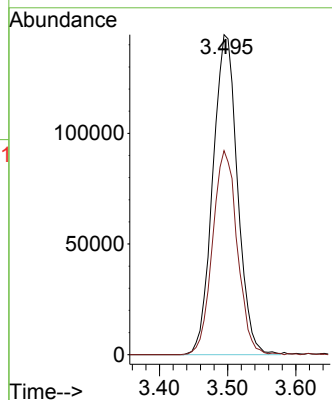
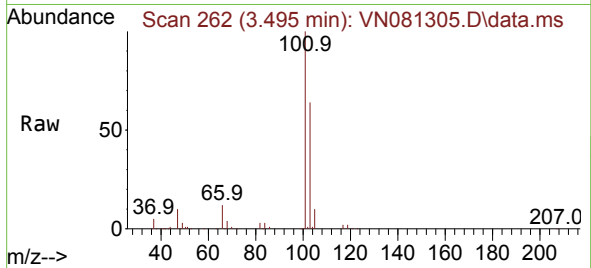




#7
Trichlorofluoromethane
Concen: 47.721 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

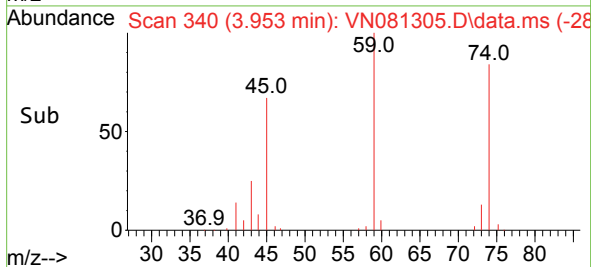
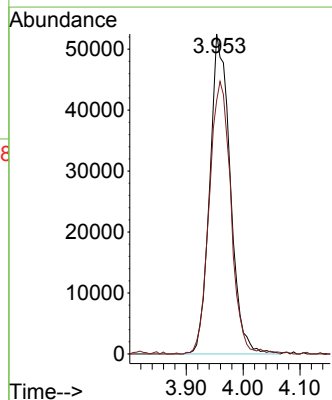
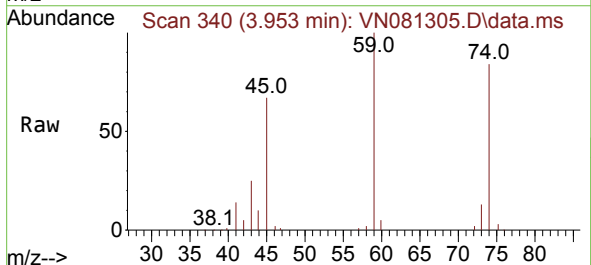
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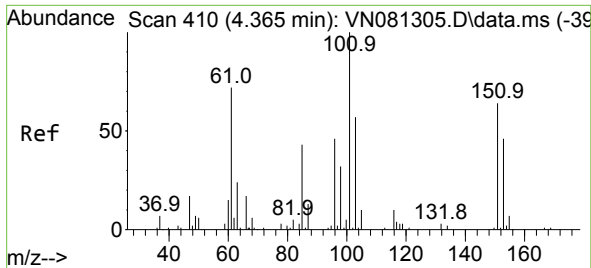
Tgt Ion:101 Resp: 364631
Ion Ratio Lower Upper
101 100
103 63.7 54.4 81.6



#8
Diethyl Ether
Concen: 48.674 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 74 Resp: 131030
Ion Ratio Lower Upper
74 100
45 89.6 53.3 159.9

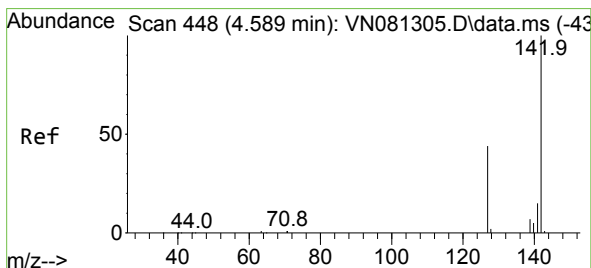
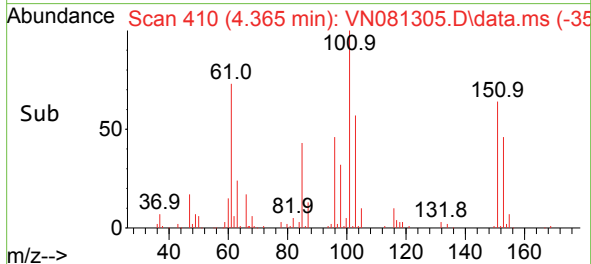
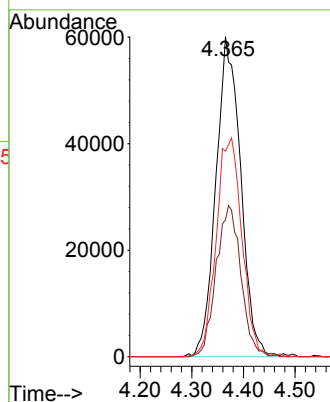
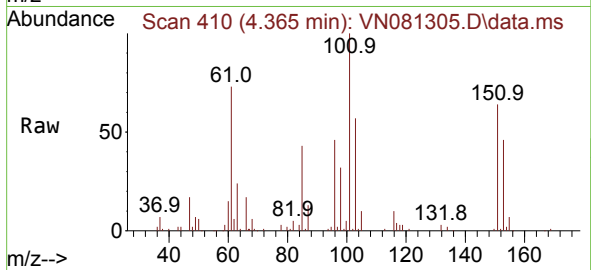




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.958 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN081305.D
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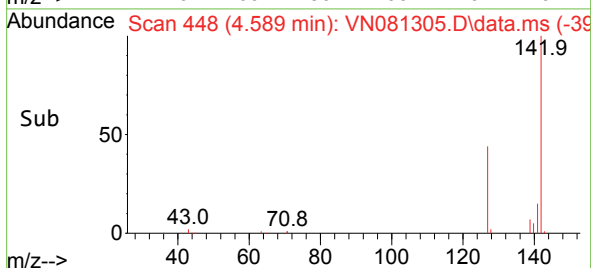
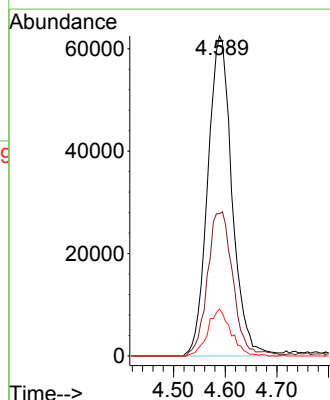
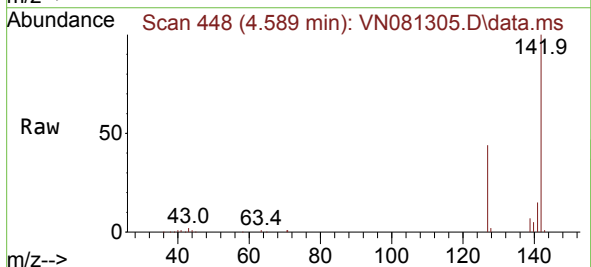
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

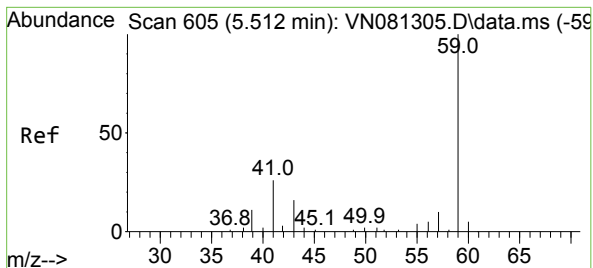
Tgt Ion:101 Resp: 199972
Ion Ratio Lower Upper
101 100
85 47.0 38.1 57.1
151 70.9 49.1 73.7



#10
Methyl Iodide
Concen: 51.327 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion:142 Resp: 204376
Ion Ratio Lower Upper
142 100
127 44.4 37.0 55.4
141 14.7 12.5 18.7





#11

Tert butyl alcohol

Concen: 223.561 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

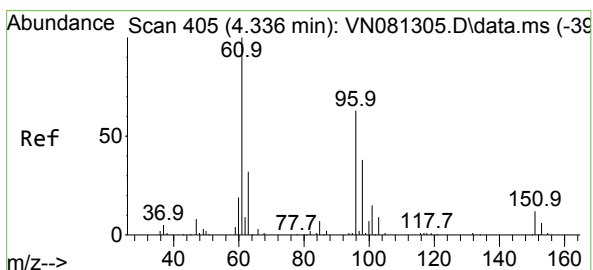
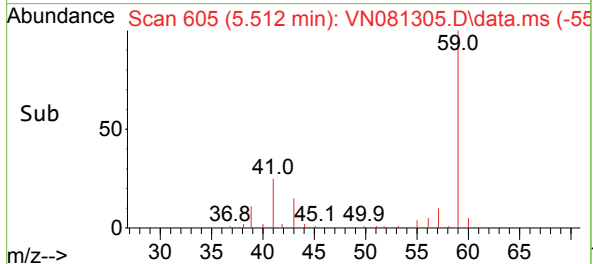
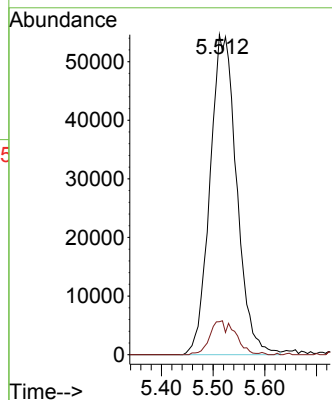
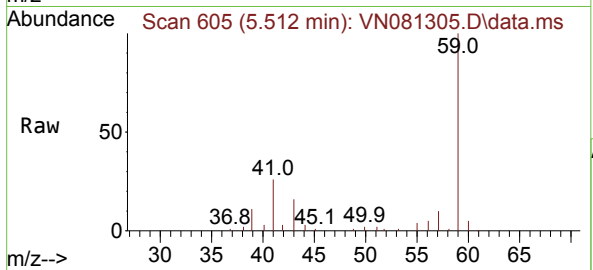
VSTDICCC050

Tgt Ion: 59 Resp: 195438

Ion Ratio Lower Upper

59 100

57 10.1 8.6 12.8



#12

1,1-Dichloroethene

Concen: 47.306 ug/l

RT: 4.336 min Scan# 405

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

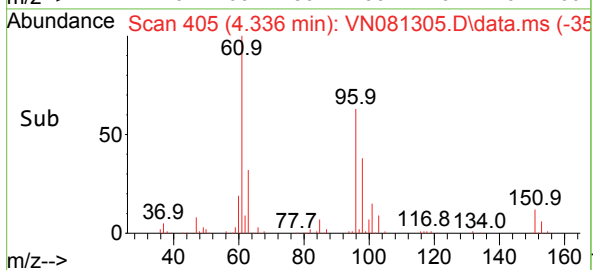
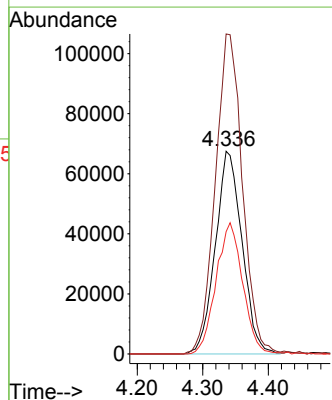
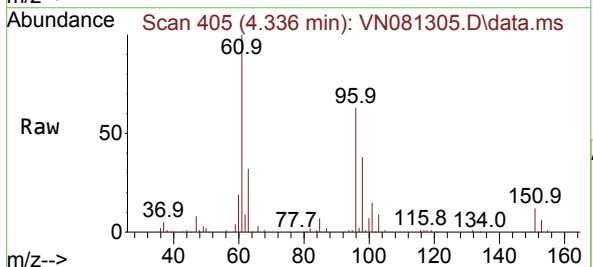
Tgt Ion: 96 Resp: 190625

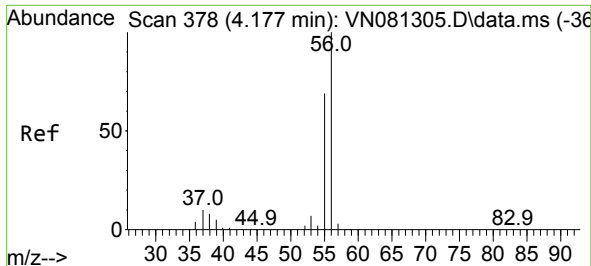
Ion Ratio Lower Upper

96 100

61 157.9 138.2 207.4

98 60.3 49.2 73.8

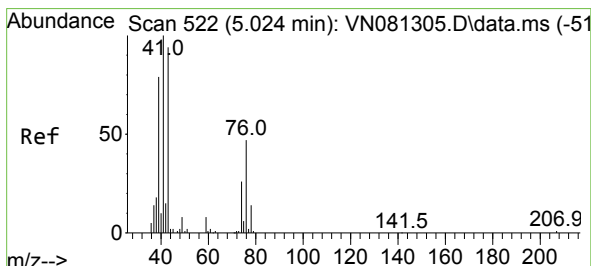
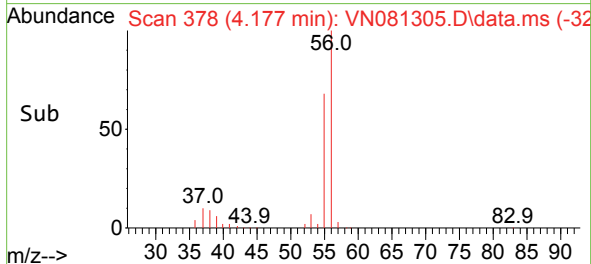
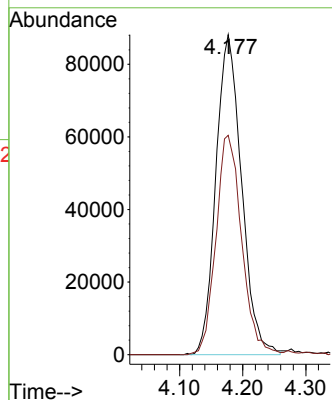
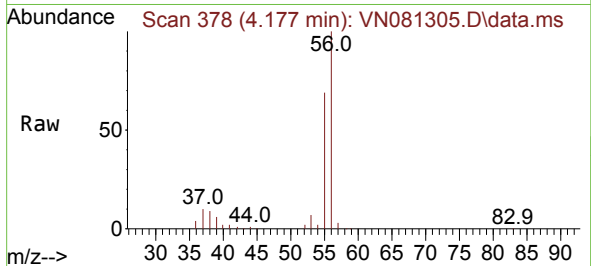




#13
Acrolein
Concen: 240.202 ug/l
RT: 4.177 min Scan# 313
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

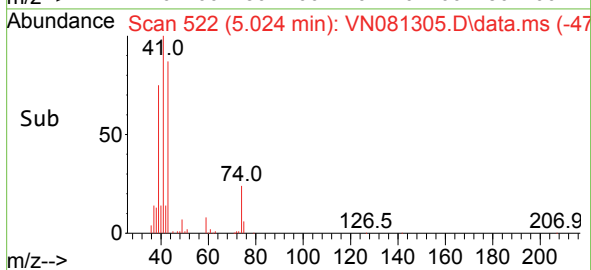
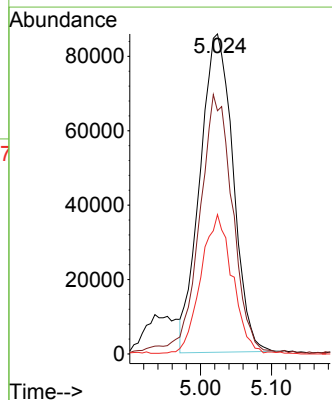
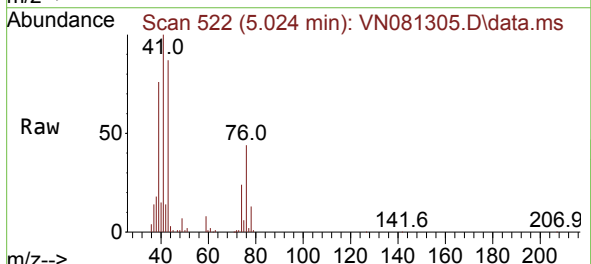
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

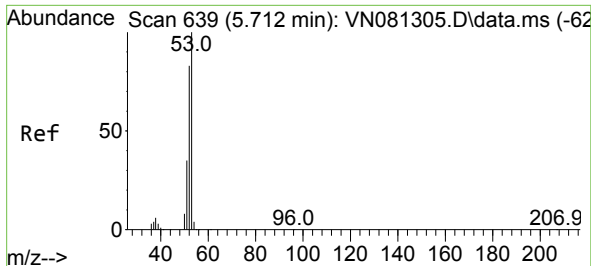
Tgt Ion: 56 Resp: 248648
Ion Ratio Lower Upper
56 100
55 68.7 55.3 82.9



#14
Allyl chloride
Concen: 46.282 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 41 Resp: 276775
Ion Ratio Lower Upper
41 100
39 82.8 57.7 86.5
76 41.5 26.8 40.2#





#15

Acrylonitrile

Concen: 232.090 ug/l

RT: 5.712 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

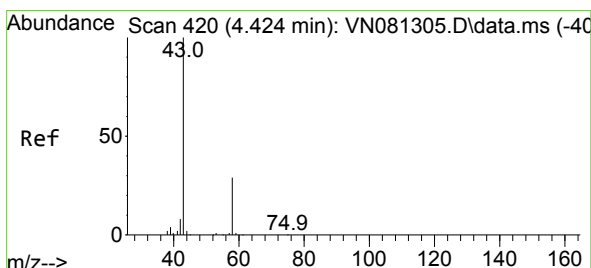
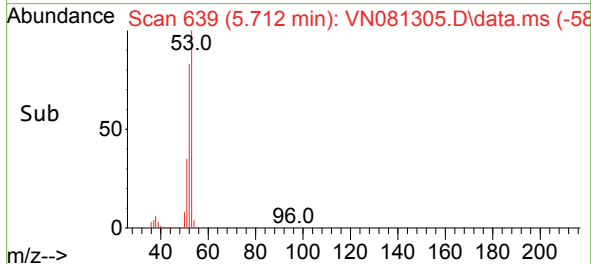
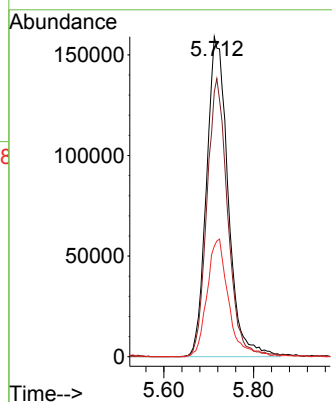
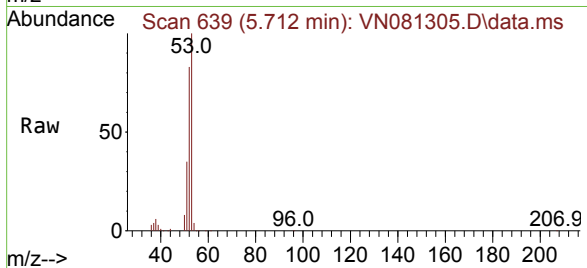
Tgt Ion: 53 Resp: 530047

Ion Ratio Lower Upper

53 100

52 83.5 64.8 97.2

51 36.6 26.9 40.3



#16

Acetone

Concen: 221.164 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.000 min

Lab File: VN081305.D

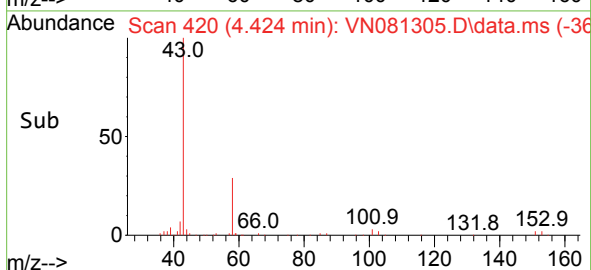
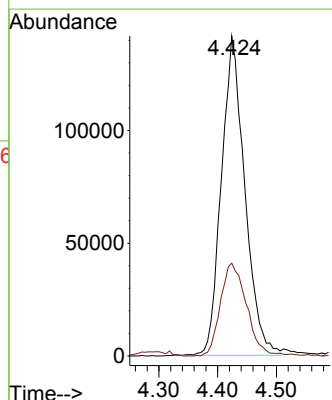
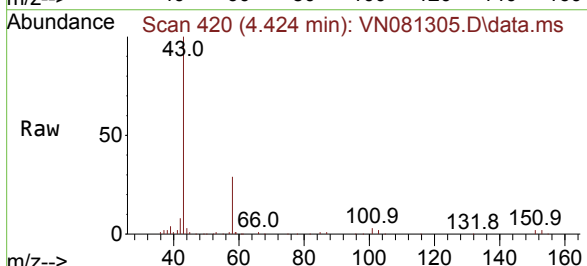
Acq: 05 Mar 2024 12:24

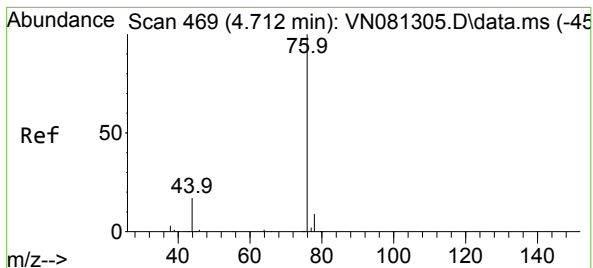
Tgt Ion: 43 Resp: 391759

Ion Ratio Lower Upper

43 100

58 28.8 24.8 37.2





#17

Carbon Disulfide

Concen: 46.147 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

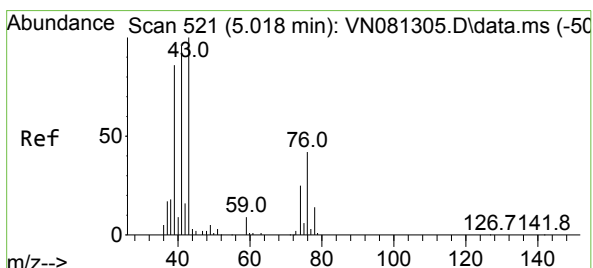
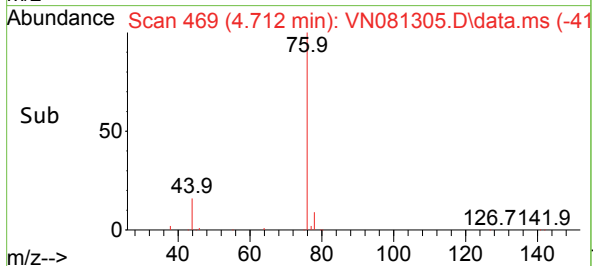
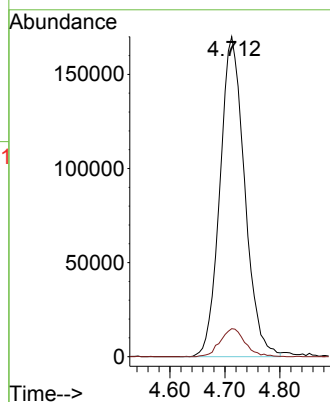
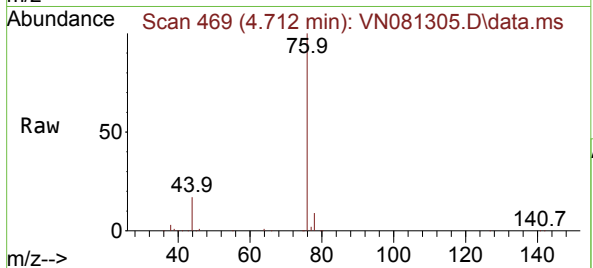
VSTDICCC050

Tgt Ion: 76 Resp: 530733

Ion Ratio Lower Upper

76 100

78 8.8 6.3 9.5



#18

Methyl Acetate

Concen: 49.213 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081305.D

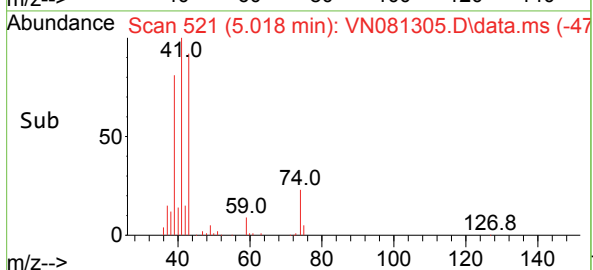
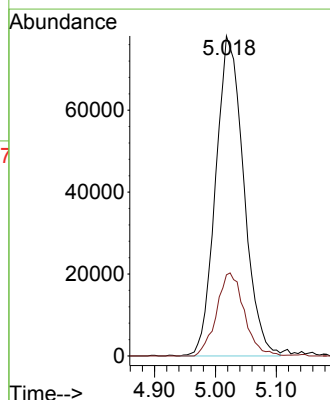
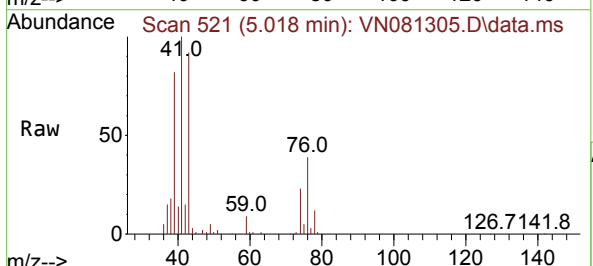
Acq: 05 Mar 2024 12:24

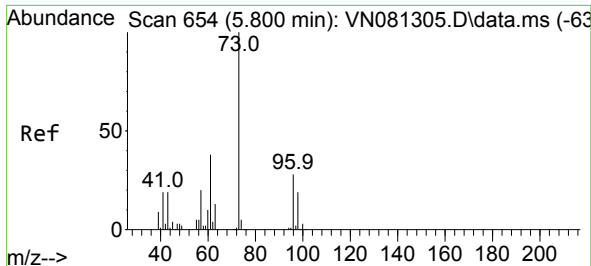
Tgt Ion: 43 Resp: 249585

Ion Ratio Lower Upper

43 100

74 25.6 17.3 25.9

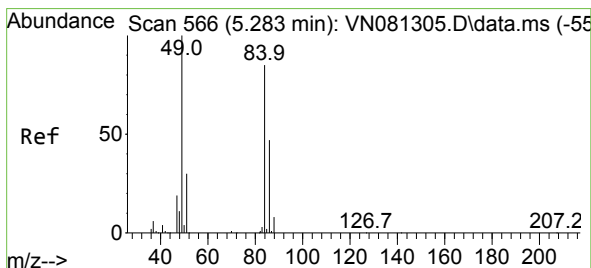
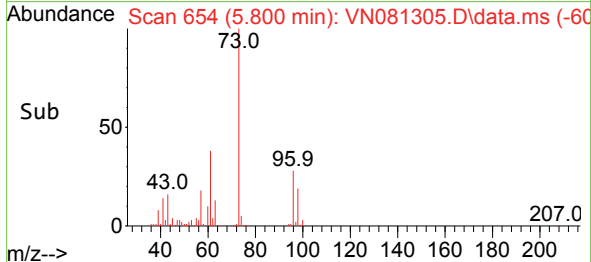
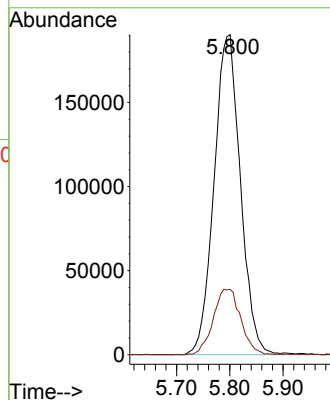
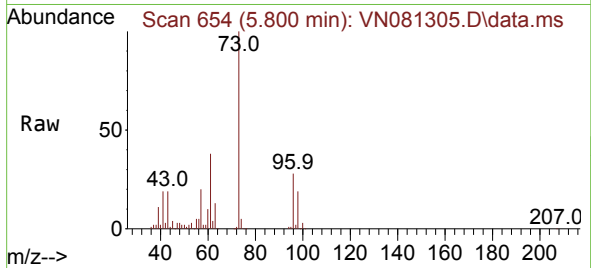




#19
Methyl tert-butyl Ether
Concen: 47.748 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

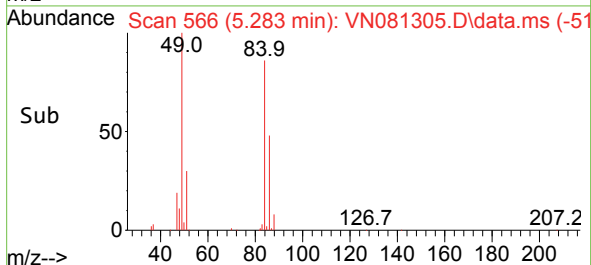
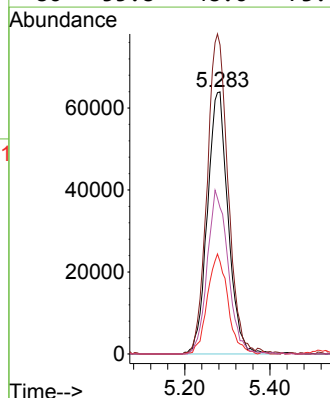
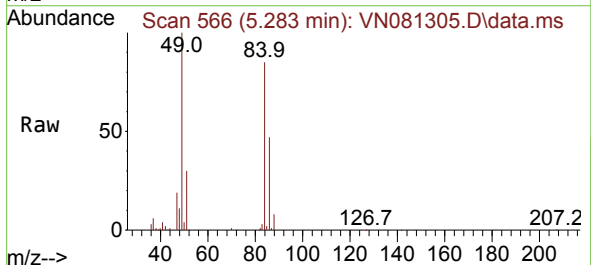
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

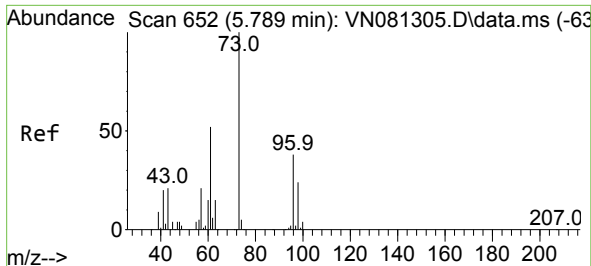
Tgt Ion: 73 Resp: 652552
Ion Ratio Lower Upper
73 100
57 20.4 18.2 27.4



#20
Methylene Chloride
Concen: 49.261 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 84 Resp: 215652
Ion Ratio Lower Upper
84 100
49 117.9 108.1 162.1
51 35.2 32.9 49.3
86 55.8 48.6 73.0

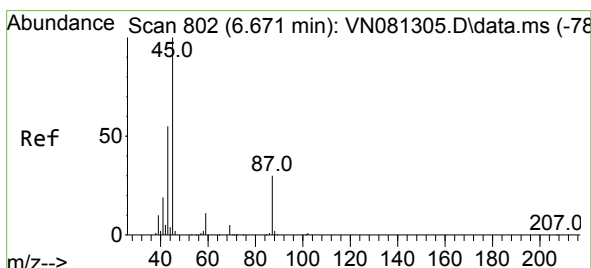
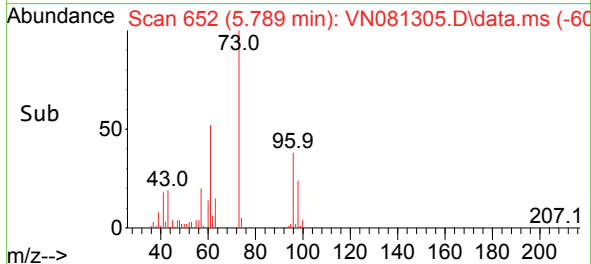
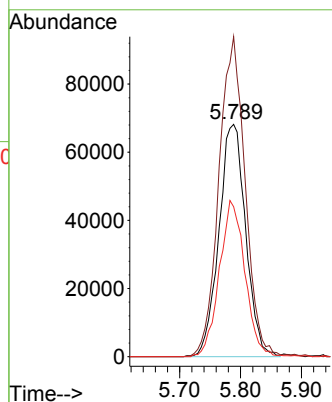
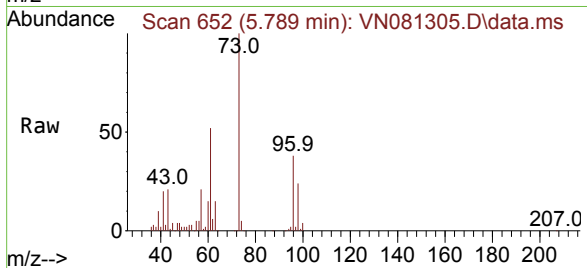




#21
trans-1,2-Dichloroethene
Concen: 45.753 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

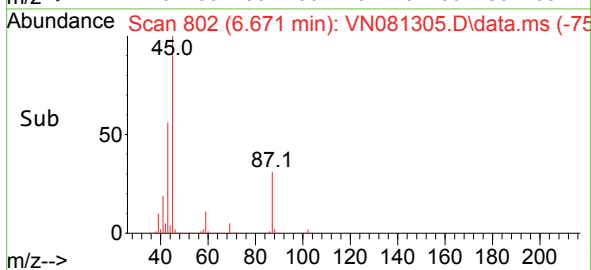
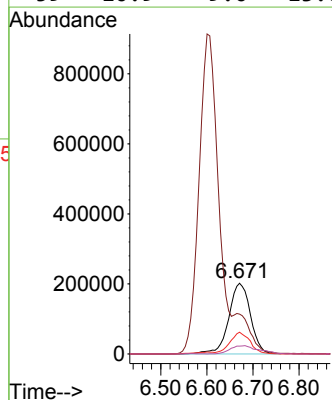
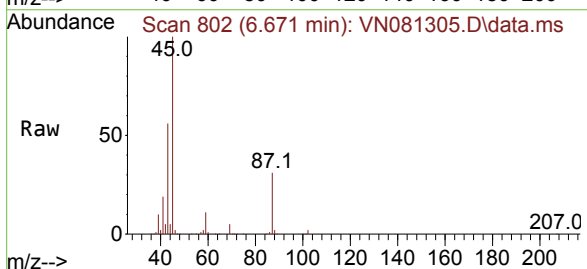
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

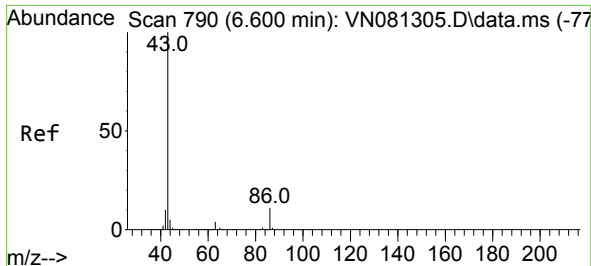
Tgt Ion: 96 Resp: 207861
Ion Ratio Lower Upper
96 100
61 137.7 112.8 169.2
98 64.5 51.0 76.4



#22
Diisopropyl ether
Concen: 49.759 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 45 Resp: 660915
Ion Ratio Lower Upper
45 100
43 55.4 41.8 62.8
87 30.6 18.1 27.1#
59 10.9 9.0 13.6

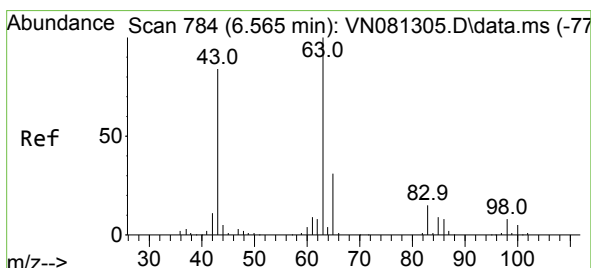
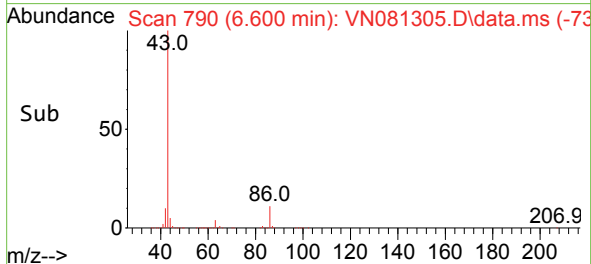
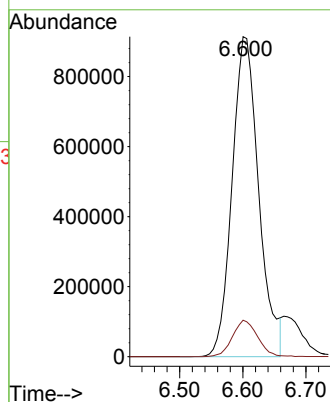
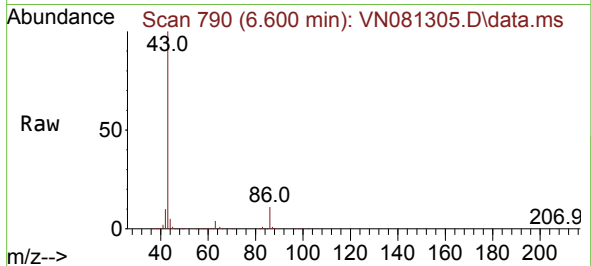




#23
 Vinyl Acetate
 Concen: 248.167 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

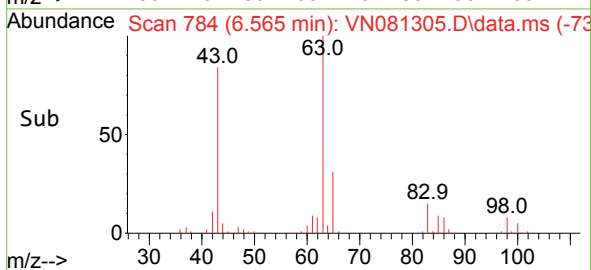
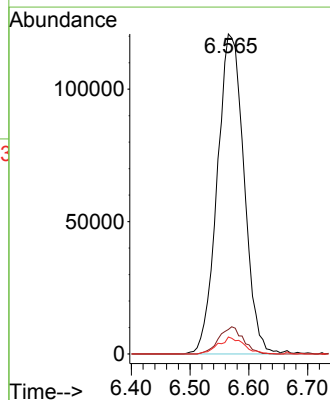
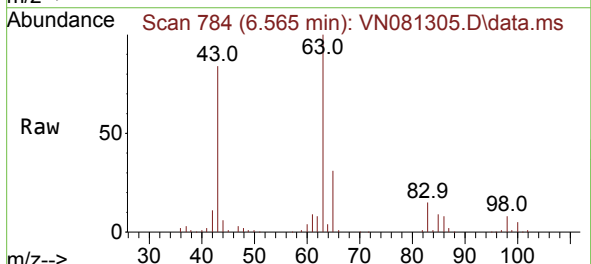
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

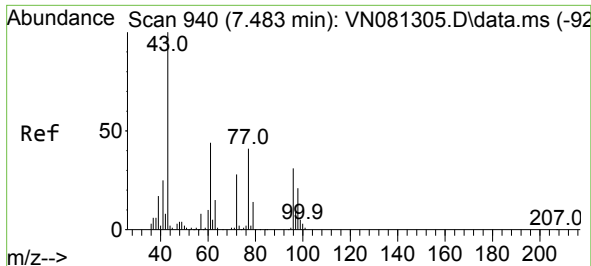
Tgt Ion: 43 Resp: 2677840
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.929 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion: 63 Resp: 381571
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.6
 100 5.3 1.9 5.7

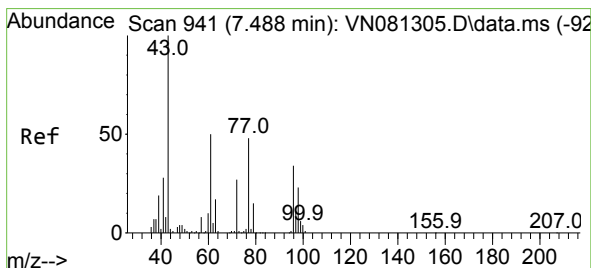
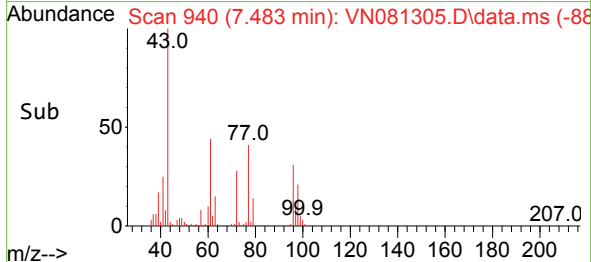
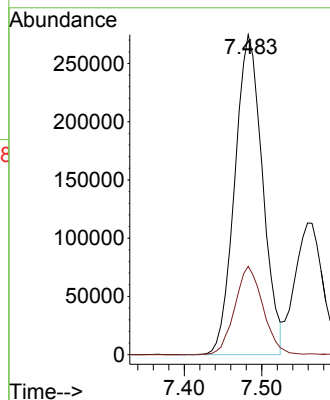
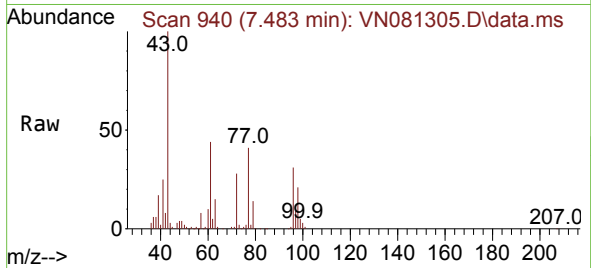




#25
2-Butanone
Concen: 230.856 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

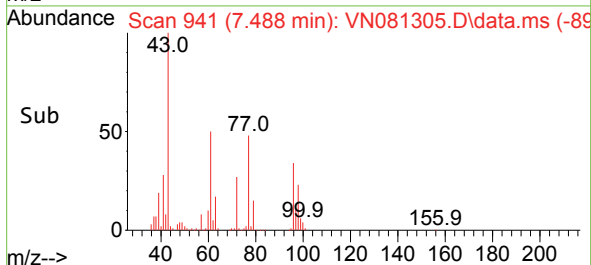
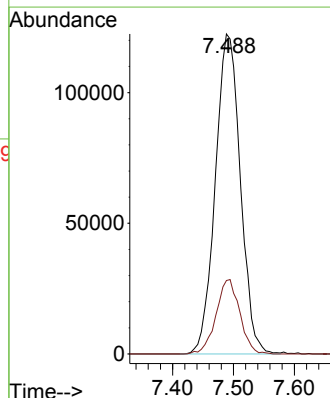
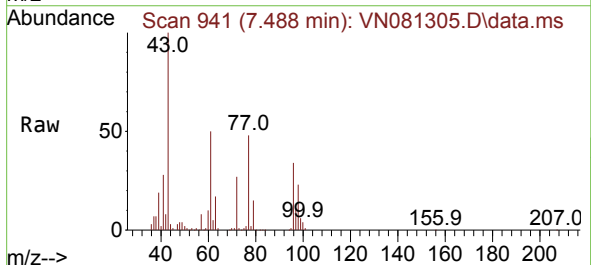
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

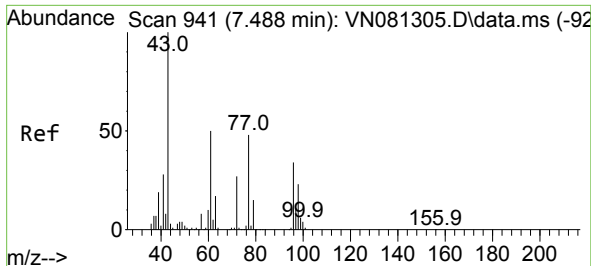
Tgt Ion: 43 Resp: 684825
Ion Ratio Lower Upper
43 100
72 27.6 19.5 29.3



#26
2,2-Dichloropropane
Concen: 48.640 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 77 Resp: 349529
Ion Ratio Lower Upper
77 100
97 22.0 11.5 34.5

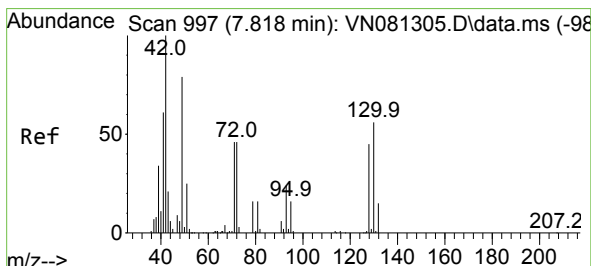
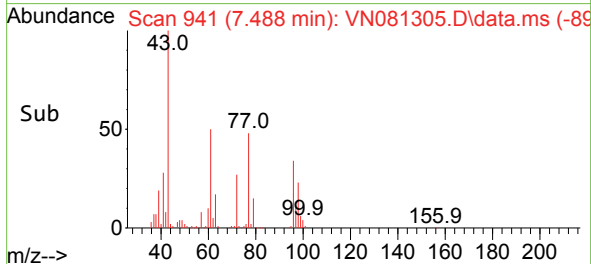
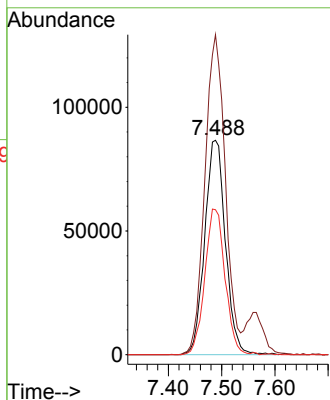
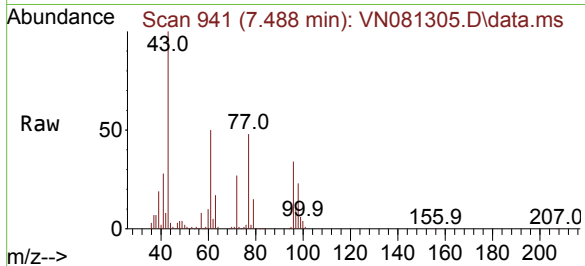




#27
 cis-1,2-Dichloroethene
 Concen: 45.545 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

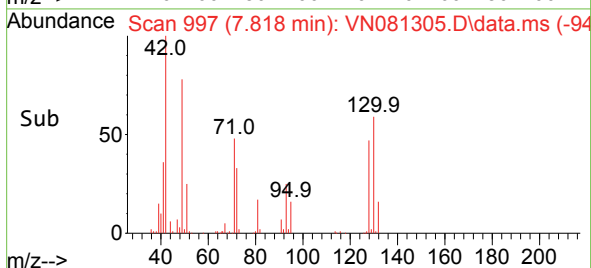
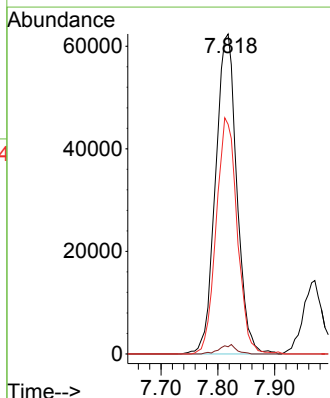
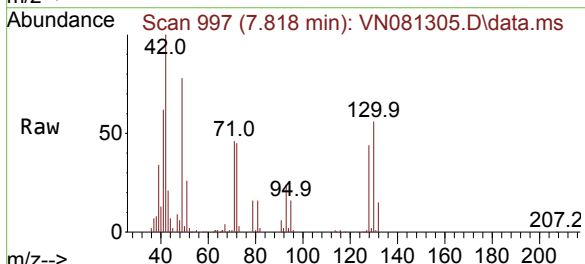
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

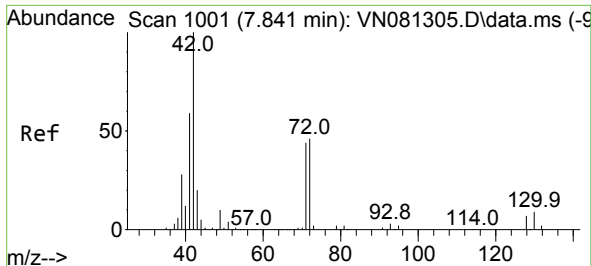
Tgt Ion: 96 Resp: 234587
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 325.4
 98 66.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 46.748 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion: 49 Resp: 162638
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.6#
 130 72.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 230.915 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

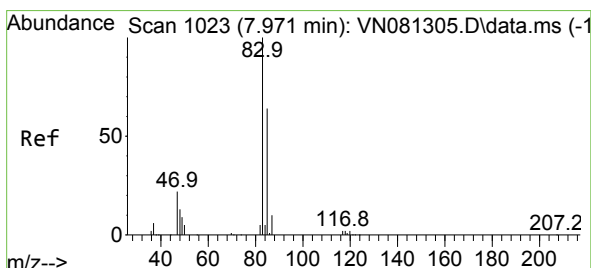
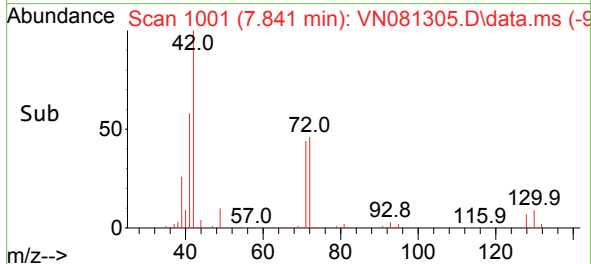
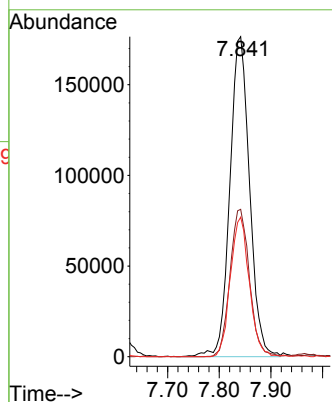
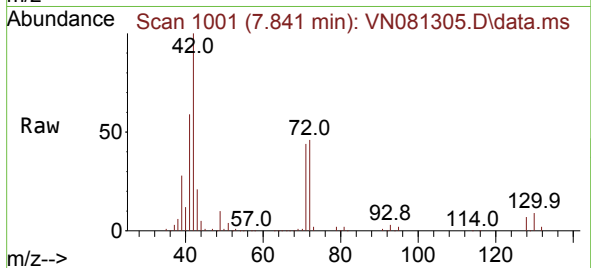
Tgt Ion: 42 Resp: 467101

Ion Ratio Lower Upper

42 100

72 45.4 31.1 46.7

71 41.9 28.3 42.5



#30

Chloroform

Concen: 47.442 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN081305.D

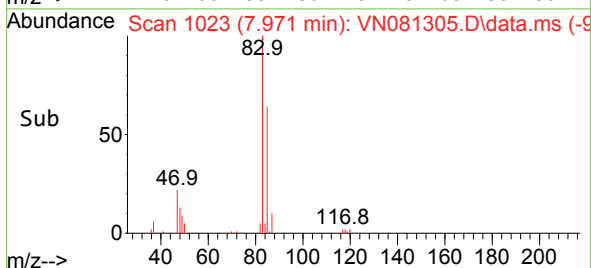
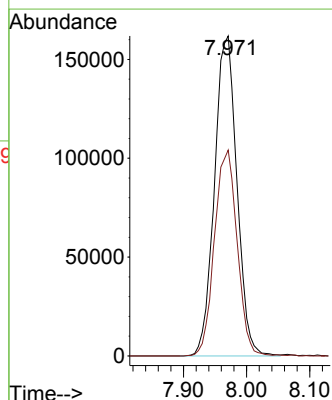
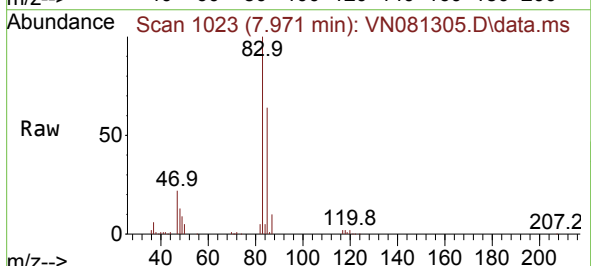
Acq: 05 Mar 2024 12:24

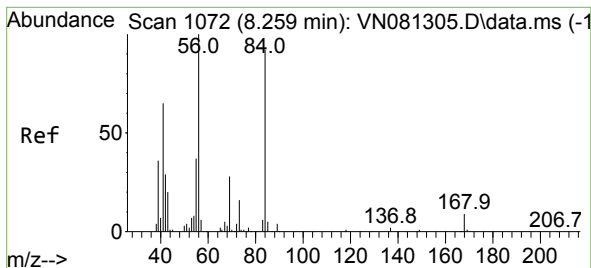
Tgt Ion: 83 Resp: 400293

Ion Ratio Lower Upper

83 100

85 64.3 51.0 76.6





#31

Cyclohexane

Concen: 45.454 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

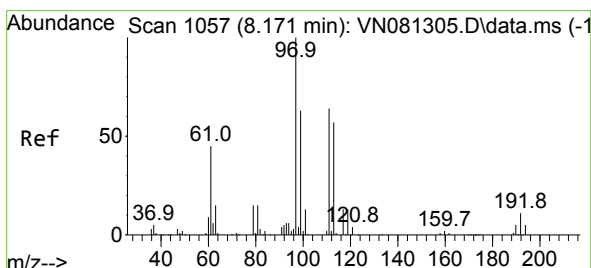
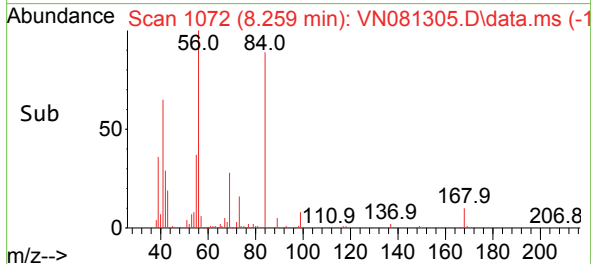
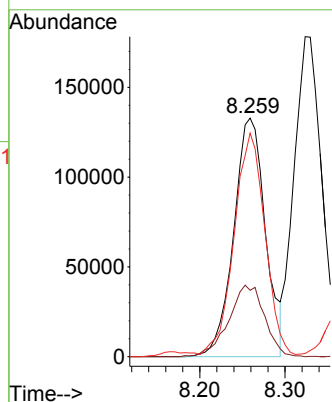
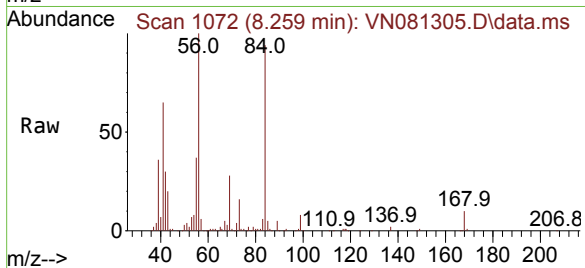
Tgt Ion: 56 Resp: 344053

Ion Ratio Lower Upper

56 100

69 27.8 20.1 30.1

84 92.1 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 47.662 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

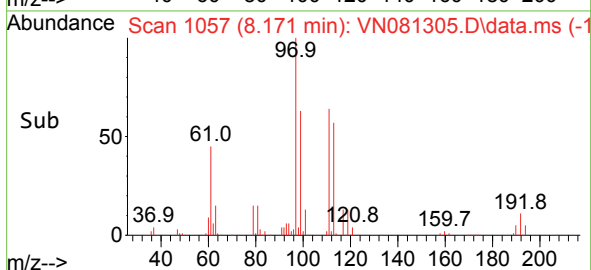
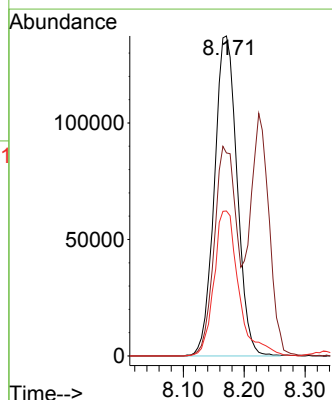
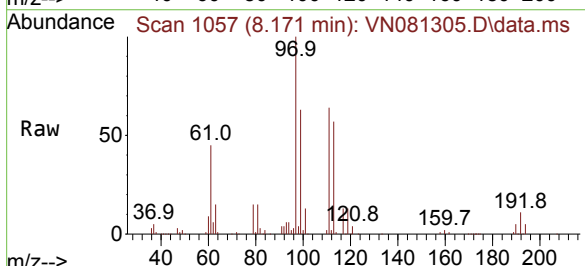
Tgt Ion: 97 Resp: 355466

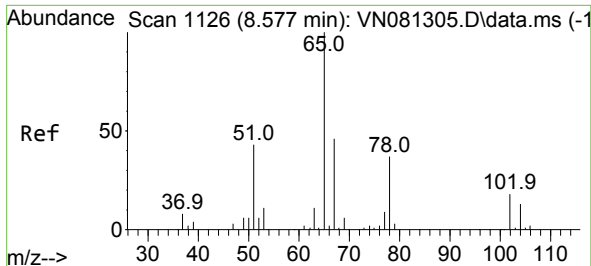
Ion Ratio Lower Upper

97 100

99 63.4 53.4 80.0

61 49.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.620 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

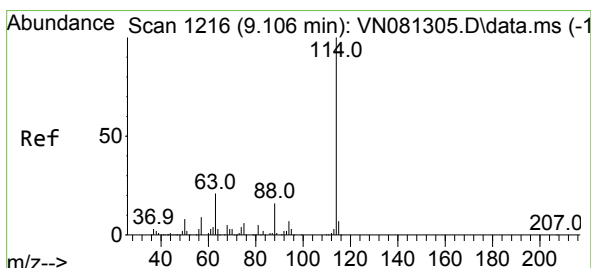
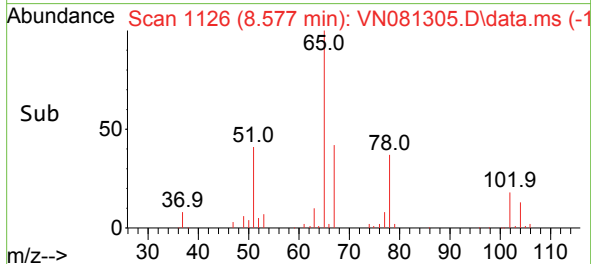
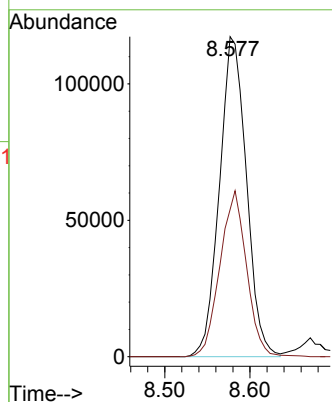
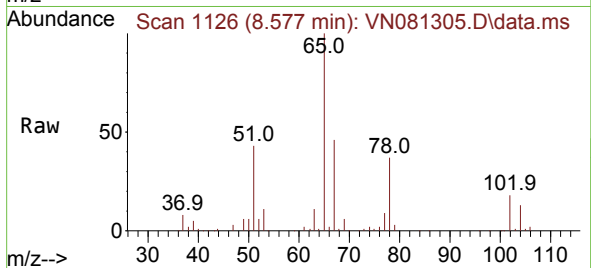
VSTDICCC050

Tgt Ion: 65 Resp: 258077

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

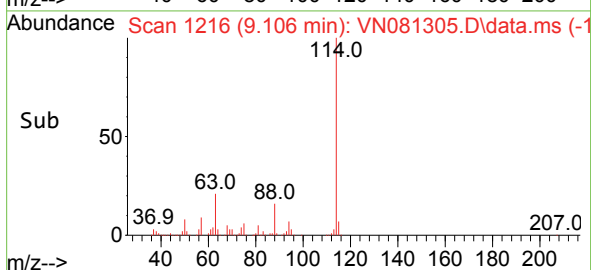
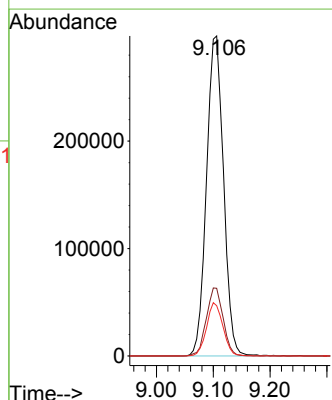
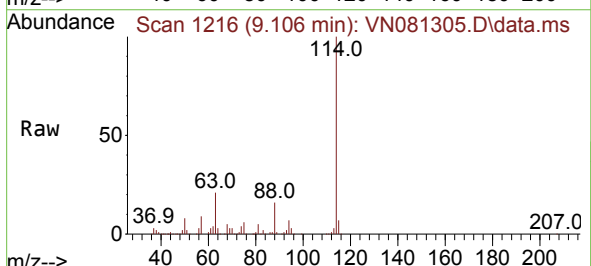
Tgt Ion: 114 Resp: 618832

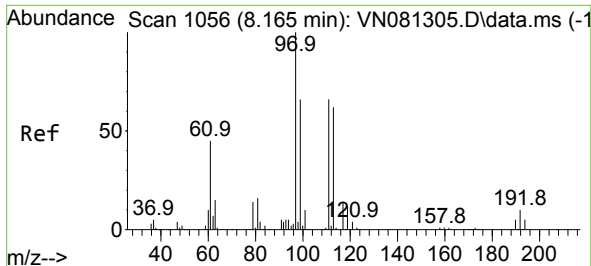
Ion Ratio Lower Upper

114 100

63 21.2 0.0 48.0

88 15.7 0.0 34.8

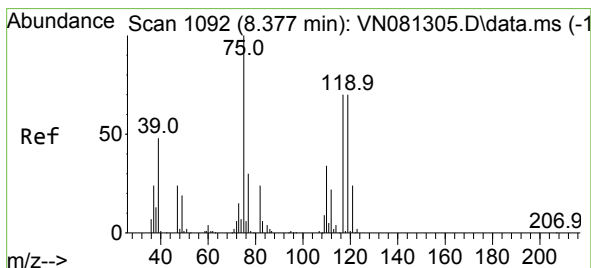
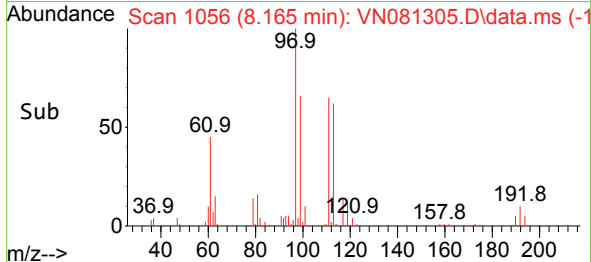
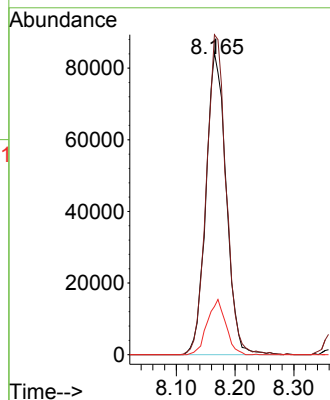
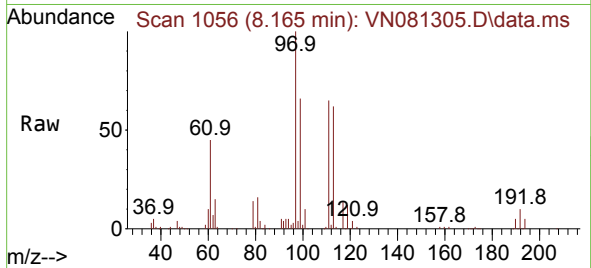




#35
Dibromofluoromethane
Concen: 53.142 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

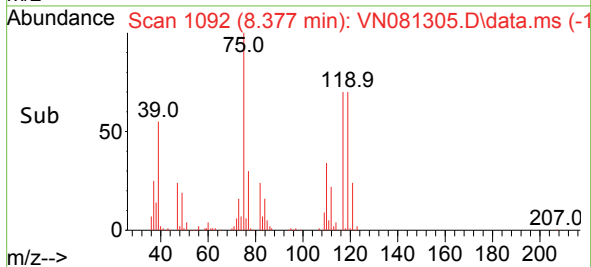
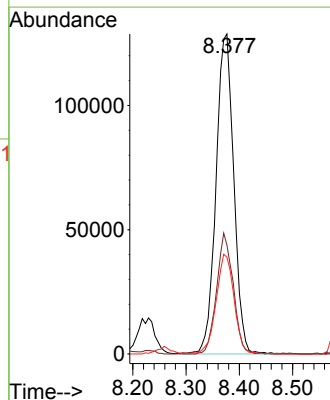
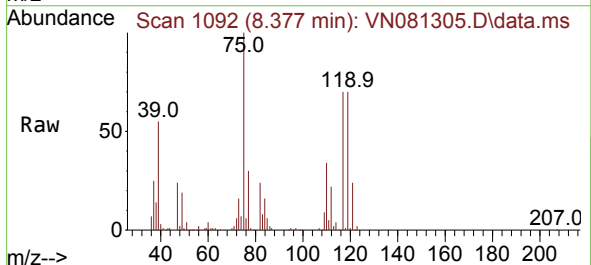
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

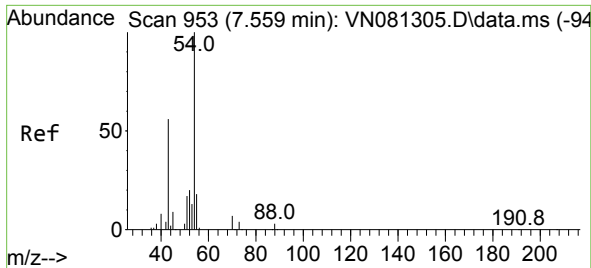
Tgt Ion:113 Resp: 201480
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 48.803 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 75 Resp: 298509
Ion Ratio Lower Upper
75 100
110 35.2 16.0 48.0
77 31.6 25.8 38.6

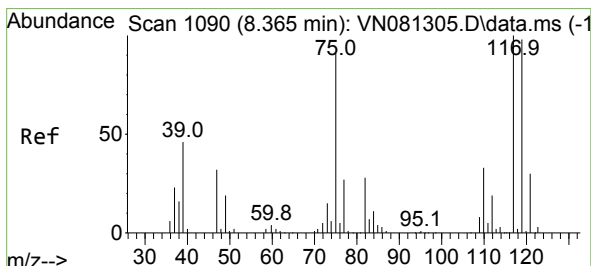
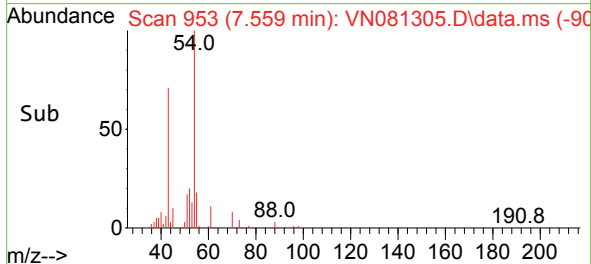
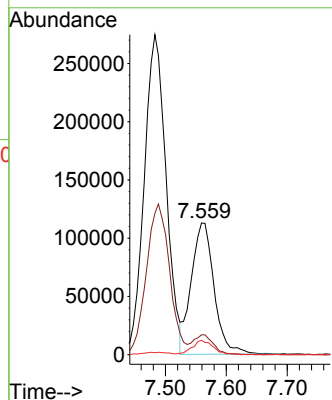
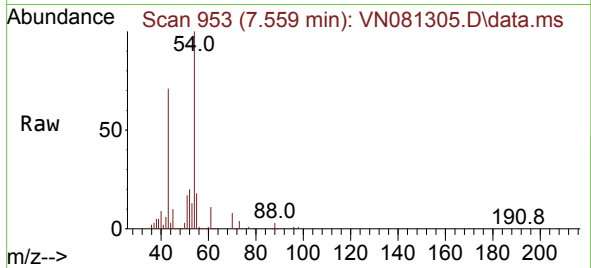




#37
Ethyl Acetate
Concen: 49.281 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

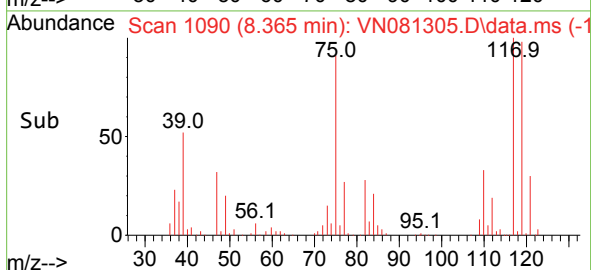
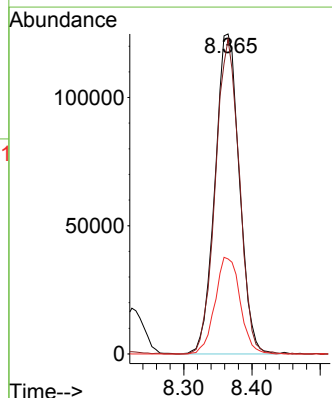
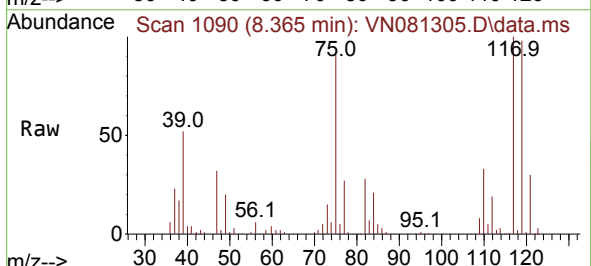
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

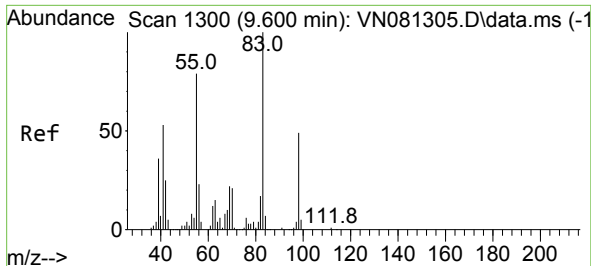
Tgt Ion: 43 Resp: 294663
Ion Ratio Lower Upper
43 100
61 13.5 10.6 15.8
70 10.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 50.509 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 117 Resp: 310934
Ion Ratio Lower Upper
117 100
119 98.3 73.4 110.2
121 29.7 24.4 36.6





#39

Methylcyclohexane

Concen: 50.663 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

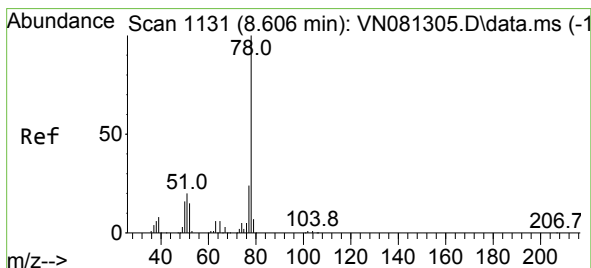
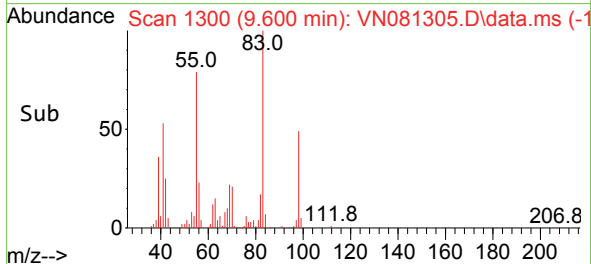
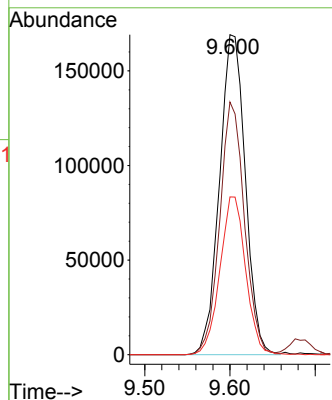
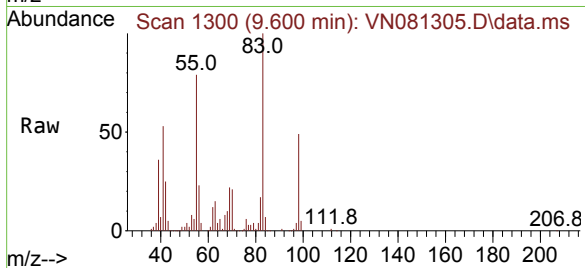
Tgt Ion: 83 Resp: 356639

Ion Ratio Lower Upper

83 100

55 79.0 65.7 98.5

98 49.3 33.8 50.6



#40

Benzene

Concen: 48.412 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081305.D

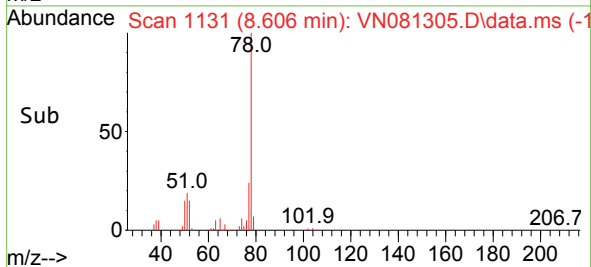
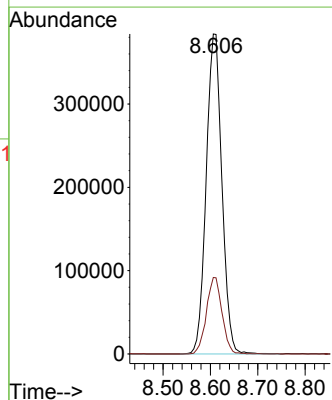
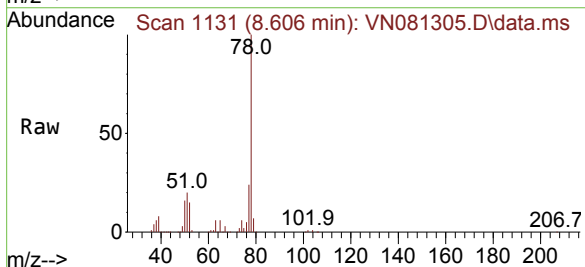
Acq: 05 Mar 2024 12:24

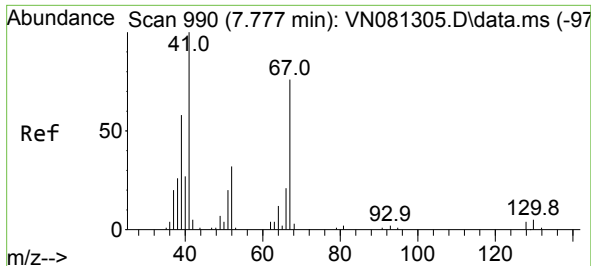
Tgt Ion: 78 Resp: 883871

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

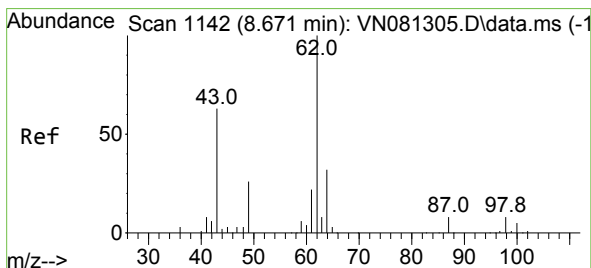
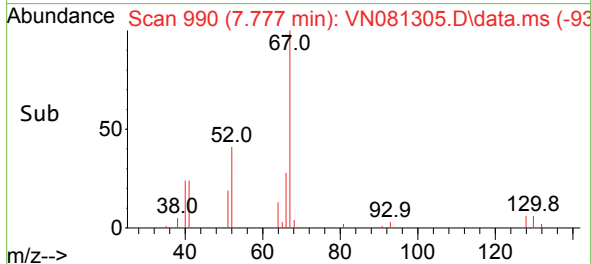
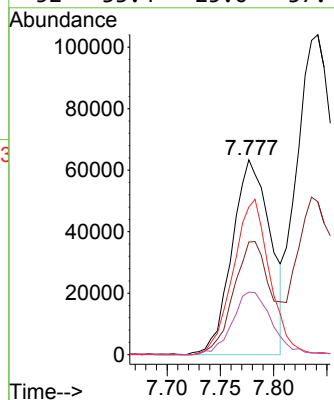
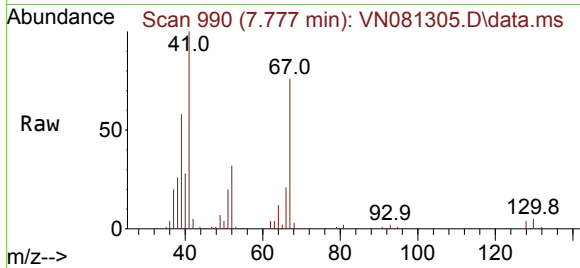




#41
Methacrylonitrile
Concen: 47.078 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

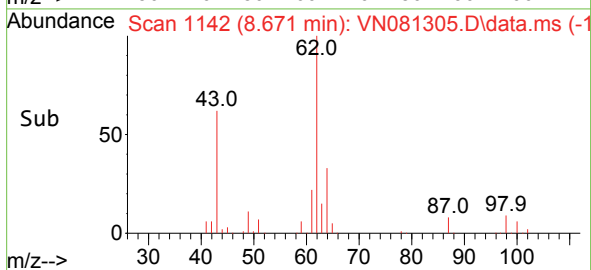
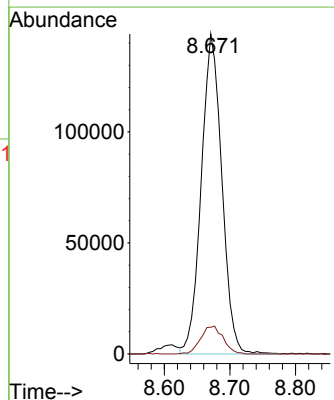
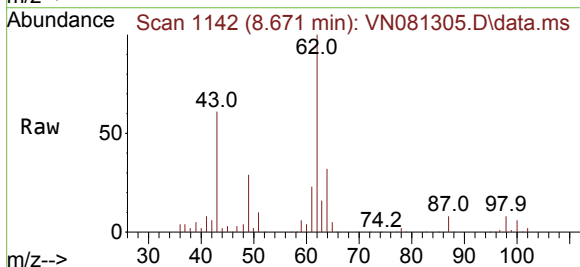
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

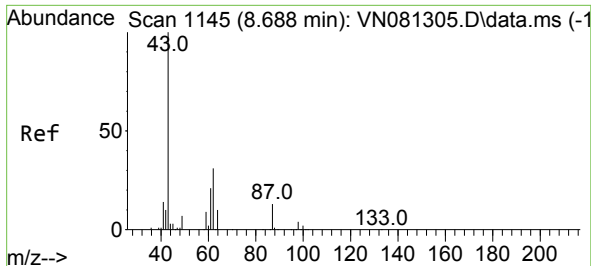
Tgt Ion:	41	Resp:	158963
Ion	Ratio	Lower	Upper
41	100		
39	59.8	48.4	72.6
67	76.0	56.8	85.2
52	33.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 48.935 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion:	62	Resp:	315006
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0

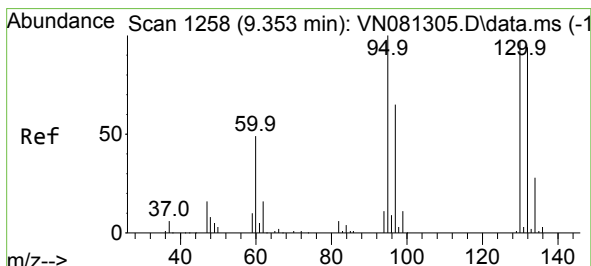
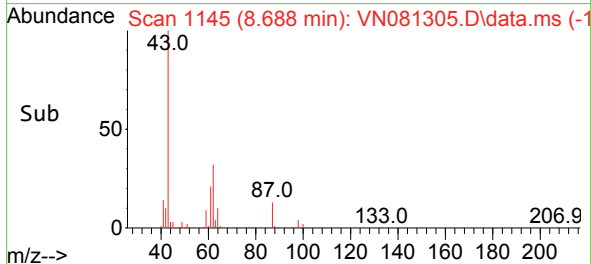
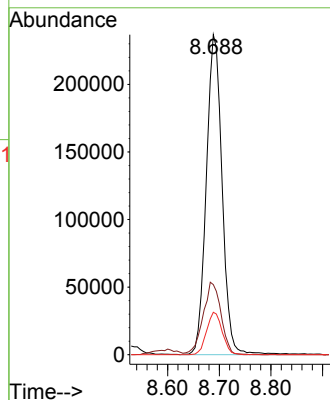
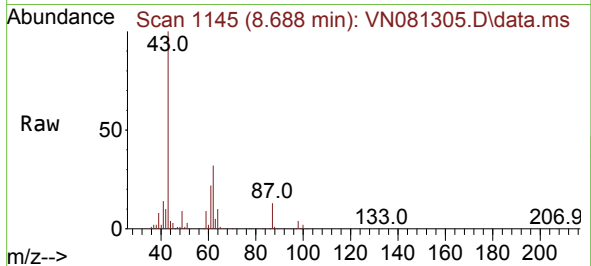




#43
Isopropyl Acetate
Concen: 48.064 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

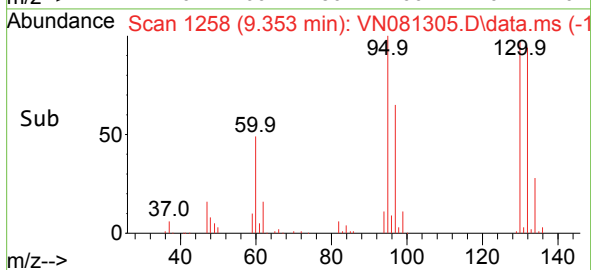
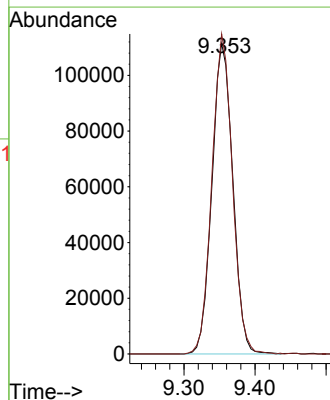
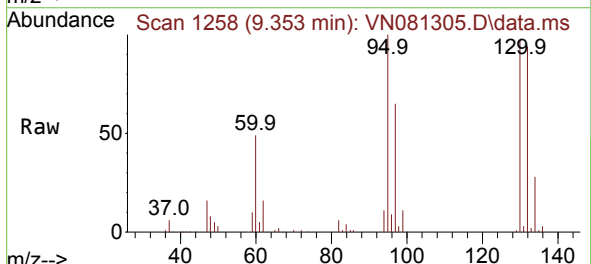
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

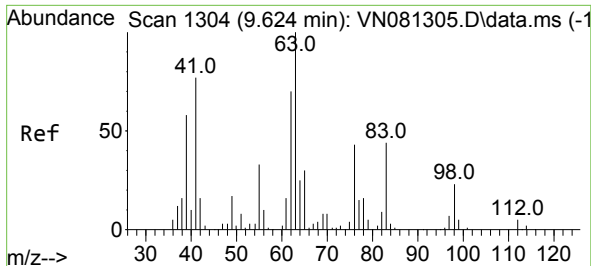
Tgt Ion: 43 Resp: 503007
Ion Ratio Lower Upper
43 100
61 25.6 19.9 29.9
87 13.1 9.0 13.6



#44
Trichloroethene
Concen: 49.261 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion:130 Resp: 226833
Ion Ratio Lower Upper
130 100
95 103.1 0.0 210.4

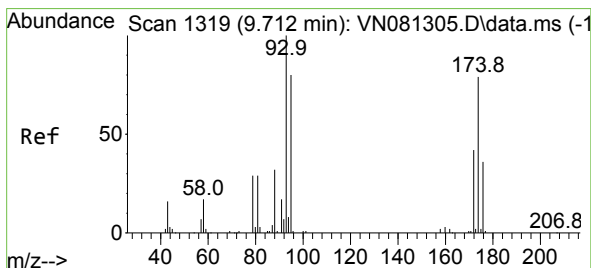
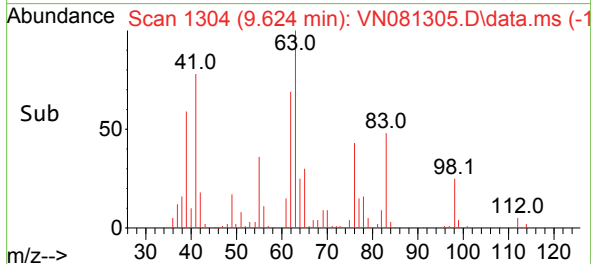
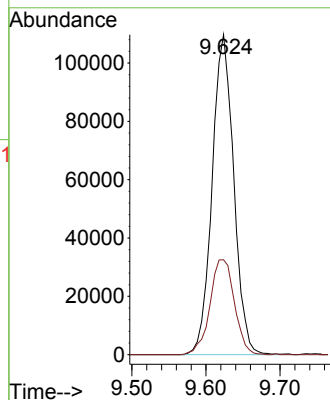
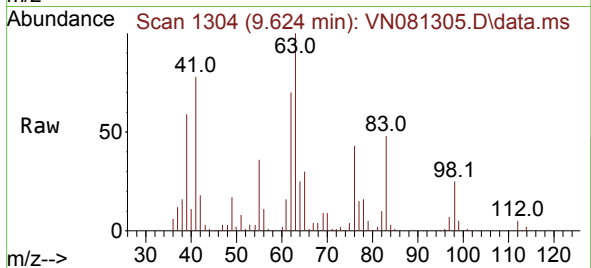




#45
1,2-Dichloropropane
Concen: 48.436 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

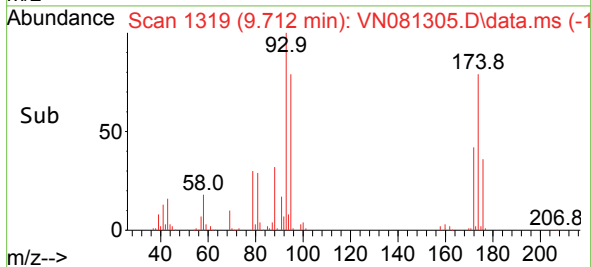
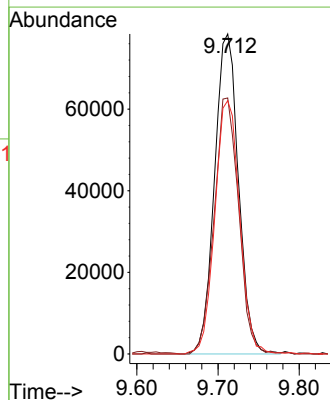
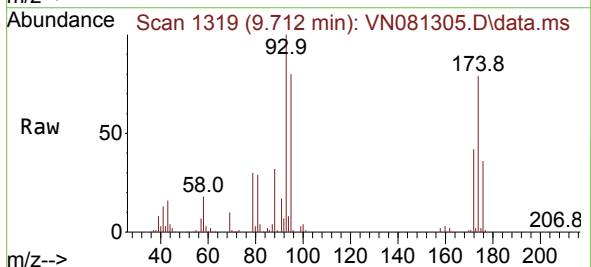
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

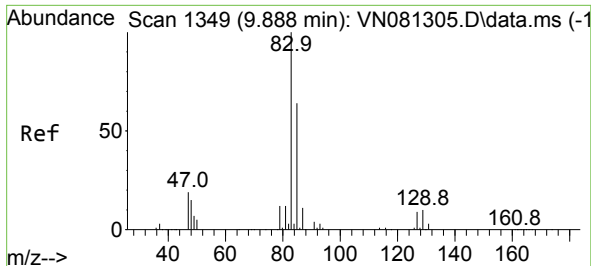
Tgt Ion: 63 Resp: 222150
Ion Ratio Lower Upper
63 100
65 29.7 26.1 39.1



#46
Dibromomethane
Concen: 49.709 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 93 Resp: 160699
Ion Ratio Lower Upper
93 100
95 82.0 68.1 102.1
174 82.0 57.2 85.8

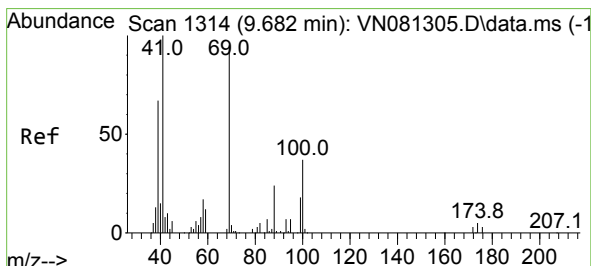
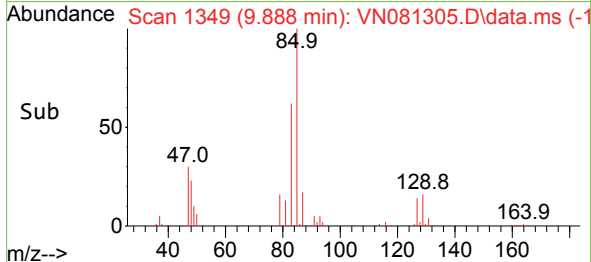
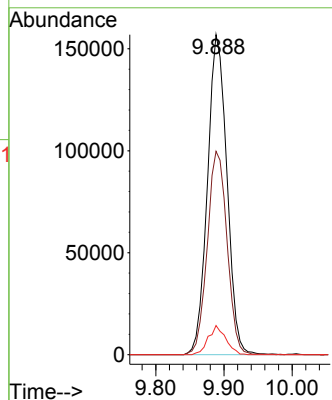
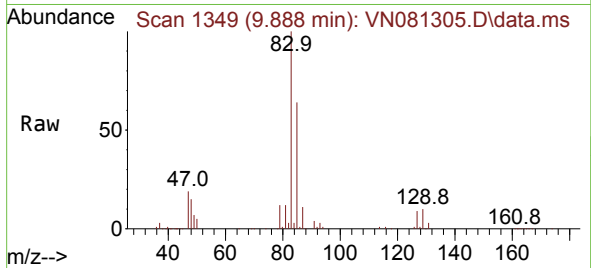




#47
Bromodichloromethane
Concen: 49.596 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

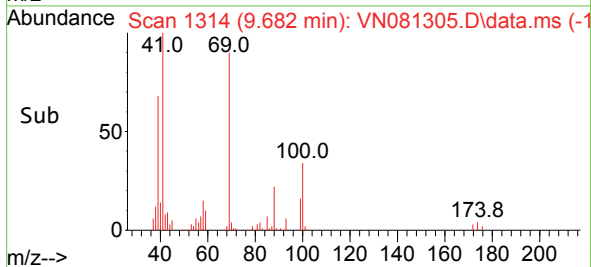
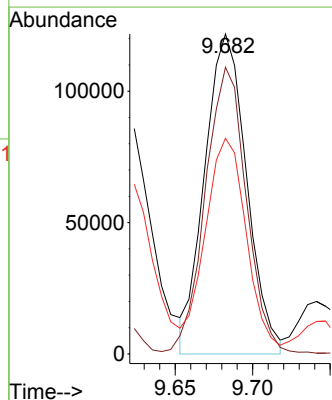
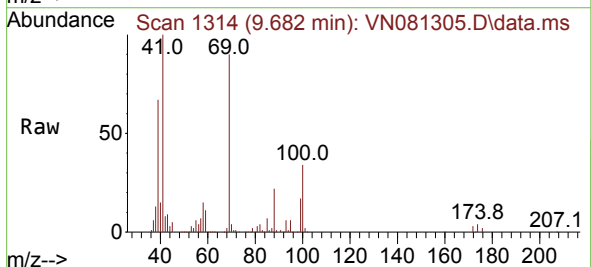
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

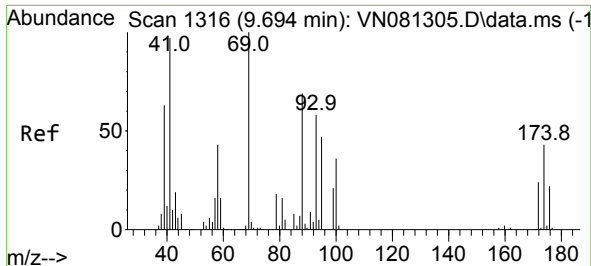
Tgt Ion: 83 Resp: 311257
Ion Ratio Lower Upper
83 100
85 63.5 52.3 78.5
127 9.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 49.492 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 41 Resp: 228947
Ion Ratio Lower Upper
41 100
69 87.7 62.2 93.2
39 66.3 47.6 71.4





#49

1,4-Dioxane

Concen: 919.404 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

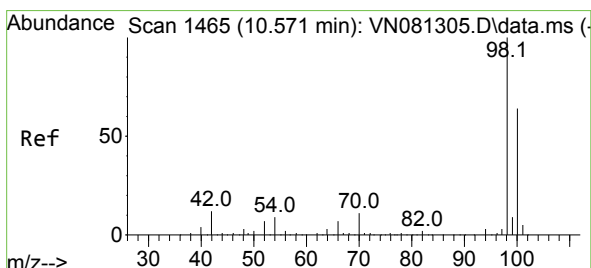
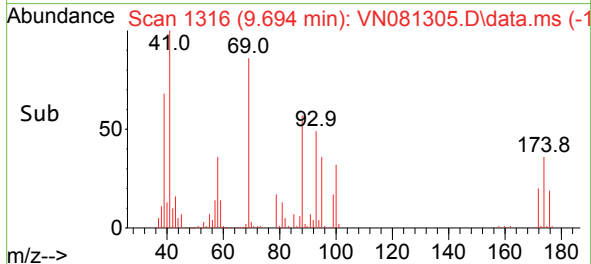
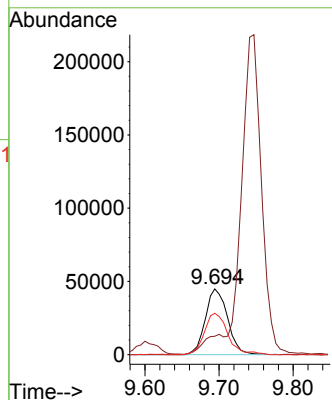
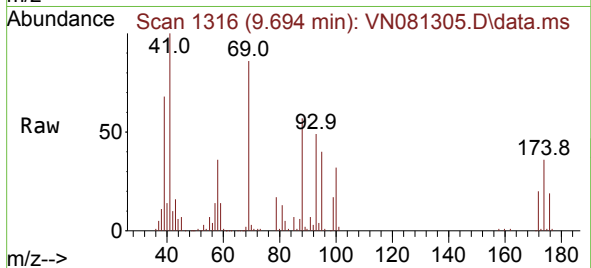
Tgt Ion: 88 Resp: 93743

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 66.4 63.9 95.9



#50

Toluene-d8

Concen: 53.992 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081305.D

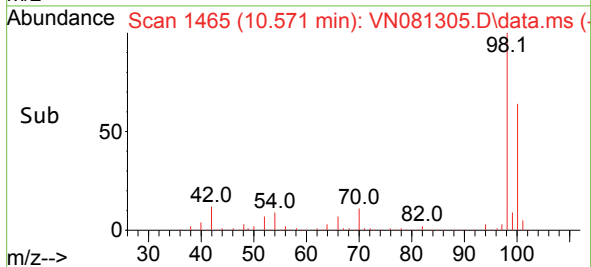
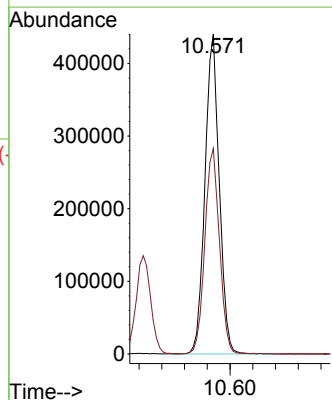
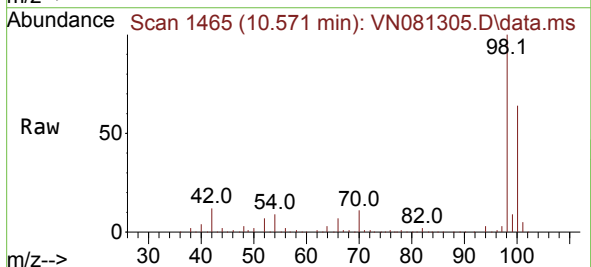
Acq: 05 Mar 2024 12:24

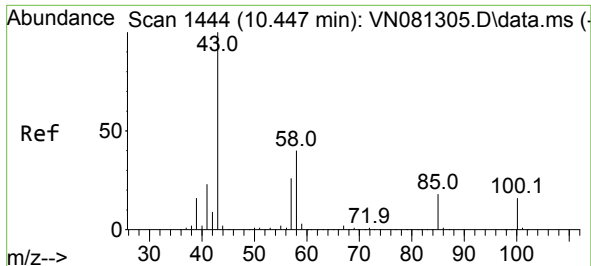
Tgt Ion: 98 Resp: 765233

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0

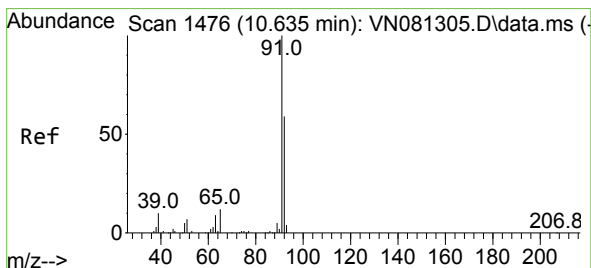
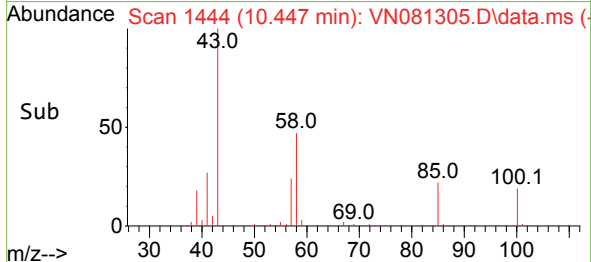
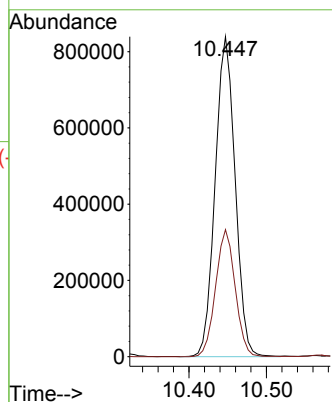
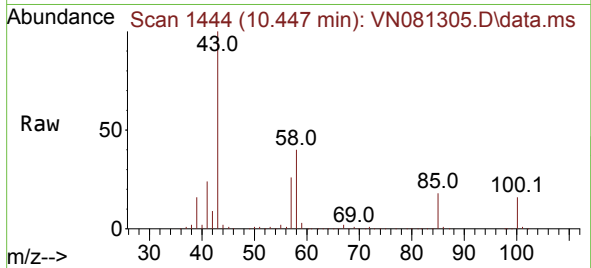




#51
4-Methyl-2-Pentanone
Concen: 247.512 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

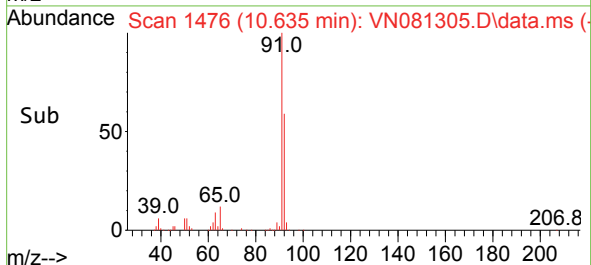
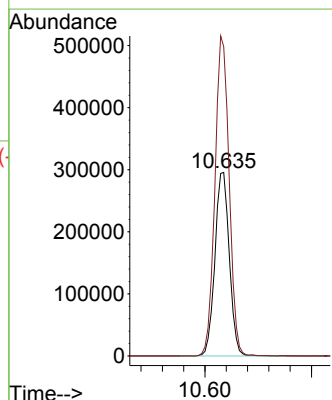
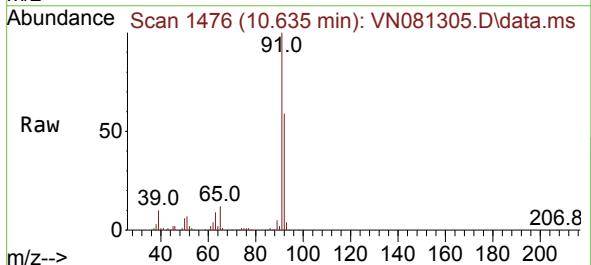
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

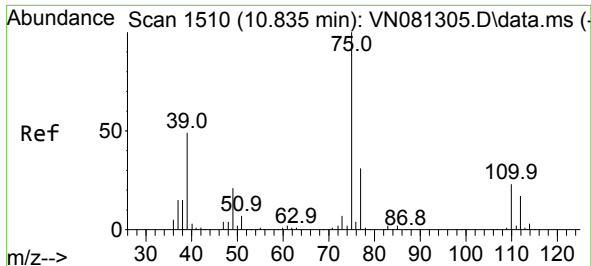
Tgt Ion: 43 Resp: 1504059
Ion Ratio Lower Upper
43 100
58 39.0 29.4 44.0



#52
Toluene
Concen: 50.190 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 92 Resp: 553542
Ion Ratio Lower Upper
92 100
91 172.0 139.4 209.0

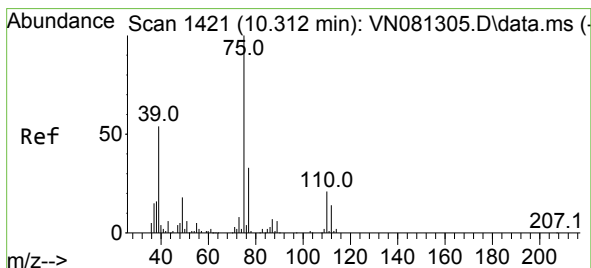
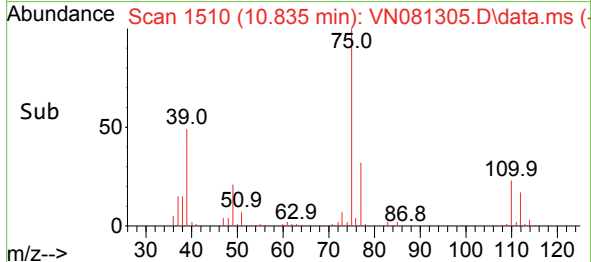
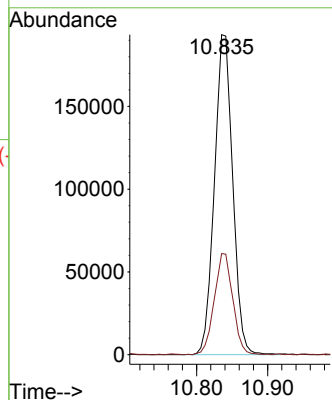
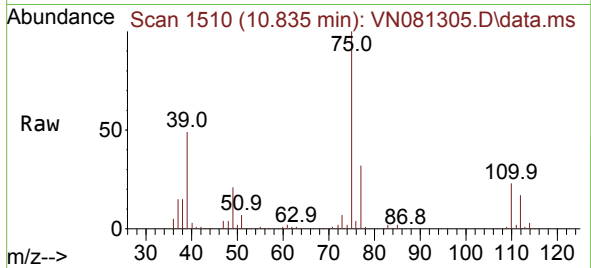




#53
 t-1,3-Dichloropropene
 Concen: 50.784 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

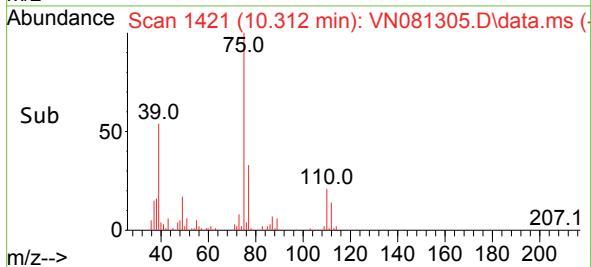
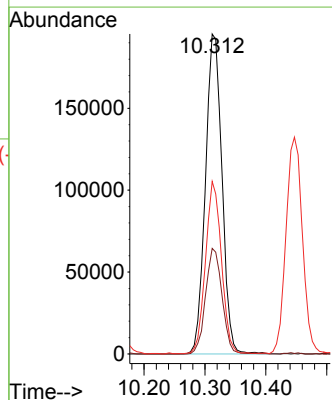
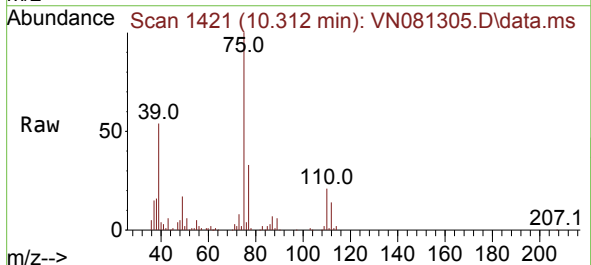
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

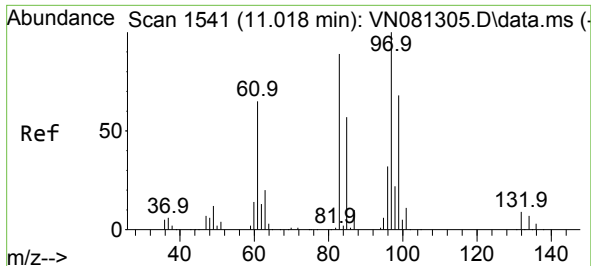
Tgt Ion: 75 Resp: 344842
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.427 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion: 75 Resp: 369652
 Ion Ratio Lower Upper
 75 100
 77 33.0 23.3 34.9
 39 53.8 44.6 66.8

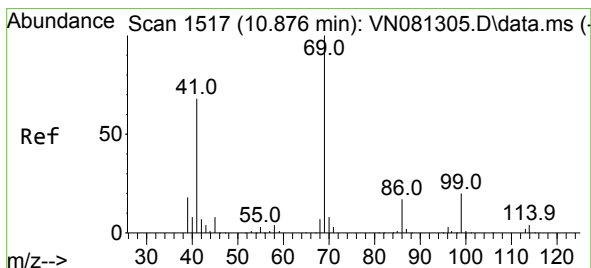
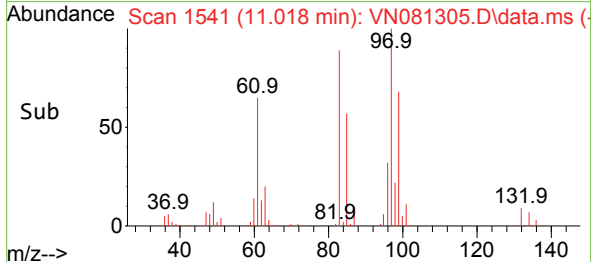
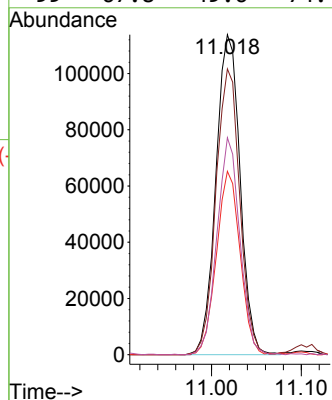
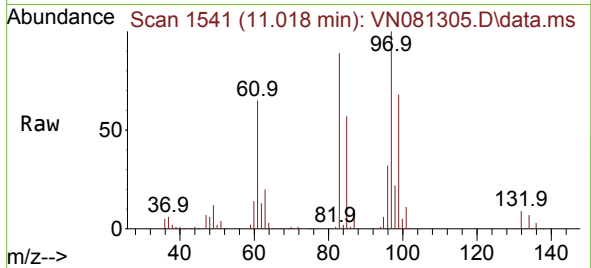




#55
1,1,2-Trichloroethane
Concen: 48.741 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

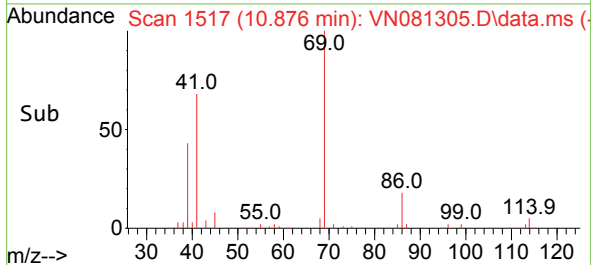
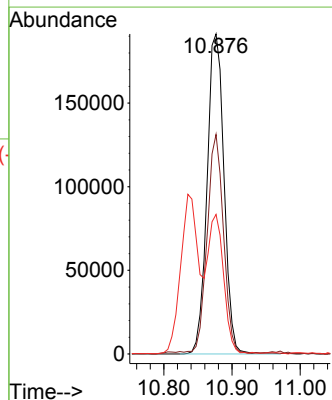
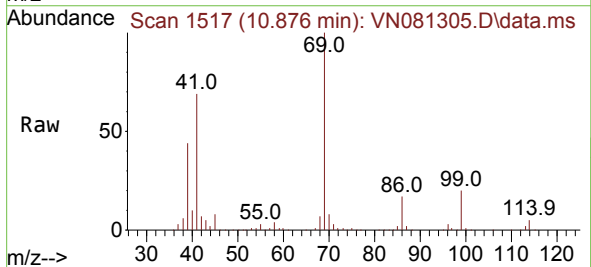
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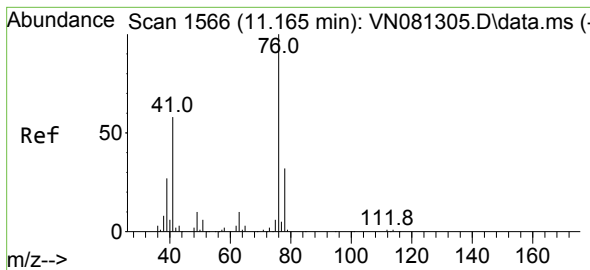
Tgt Ion: 97 Resp: 213171
Ion Ratio Lower Upper
97 100
83 89.3 72.9 109.3
85 57.3 50.2 75.2
99 67.8 49.6 74.4



#56
Ethyl methacrylate
Concen: 52.654 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 69 Resp: 330676
Ion Ratio Lower Upper
69 100
41 65.8 61.0 91.6
39 39.1 31.8 47.6

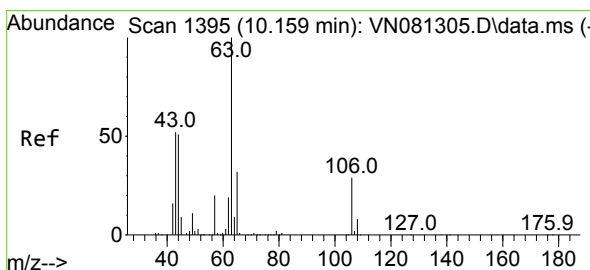
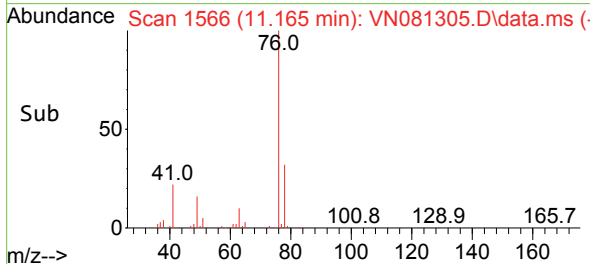
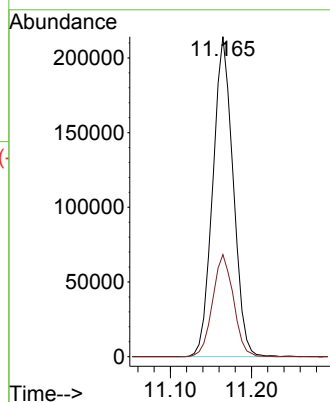
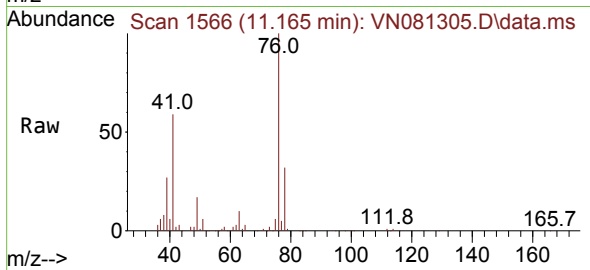




#57
 1,3-Dichloropropane
 Concen: 48.813 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

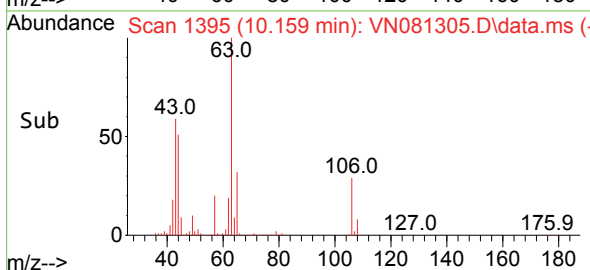
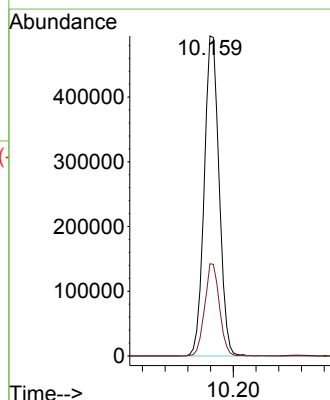
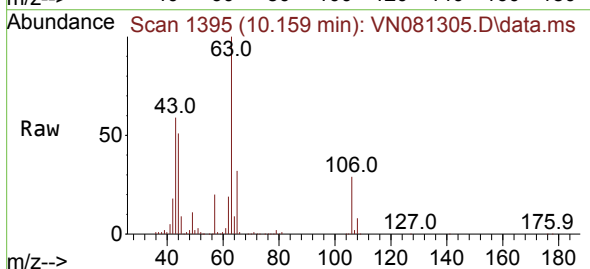
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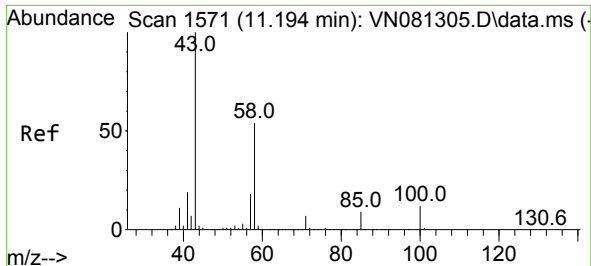
Tgt Ion: 76 Resp: 372596
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.495 ug/l
 RT: 10.159 min Scan# 1395
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion: 63 Resp: 896890
 Ion Ratio Lower Upper
 63 100
 106 28.5 18.6 28.0#

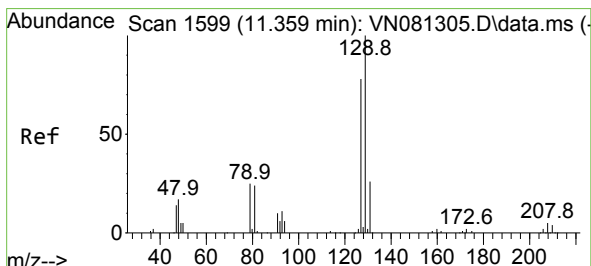
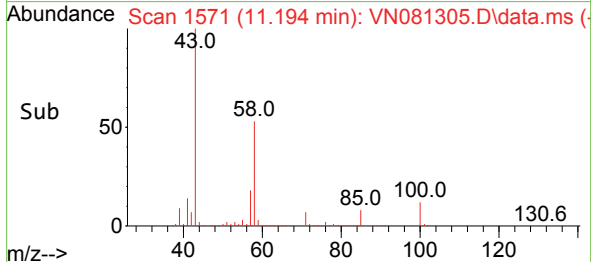
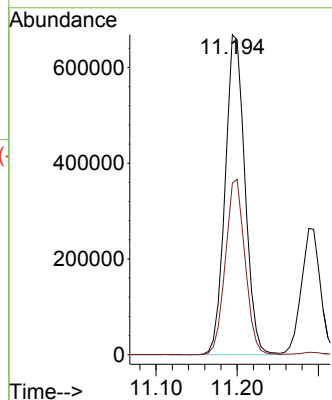
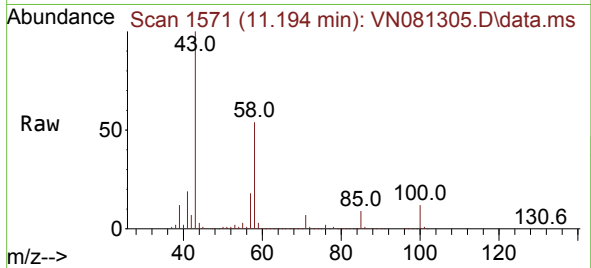




#59
2-Hexanone
Concen: 249.297 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

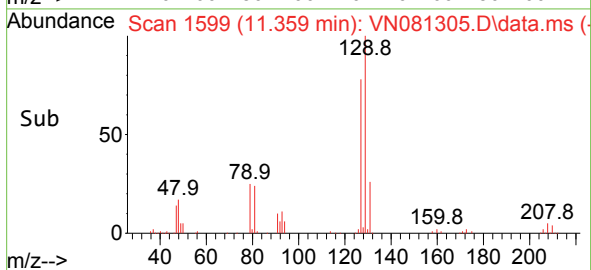
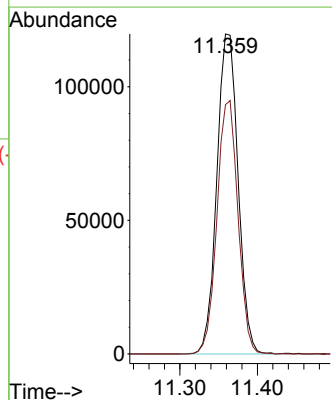
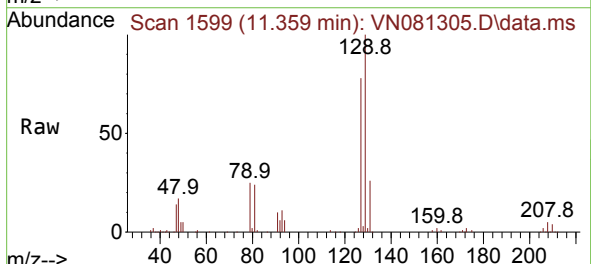
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

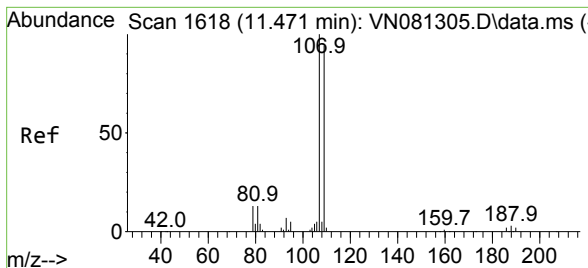
Tgt Ion: 43 Resp: 1132527
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8



#60
Dibromochloromethane
Concen: 50.660 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion:129 Resp: 228187
Ion Ratio Lower Upper
129 100
127 78.3 39.4 118.2

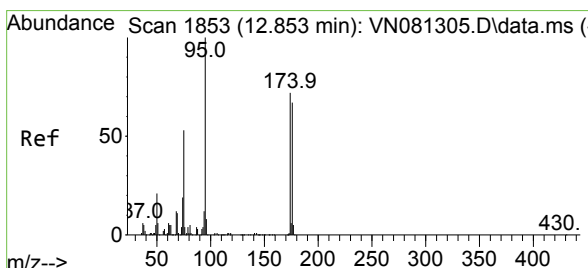
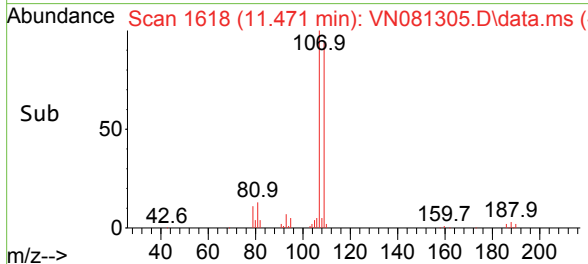
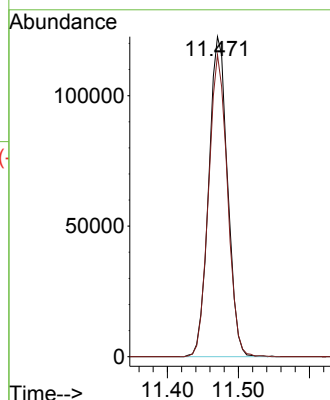
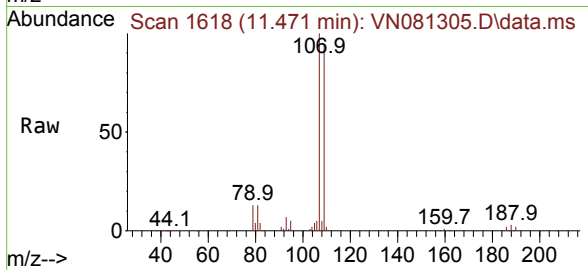




#61
1,2-Dibromoethane
Concen: 49.686 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

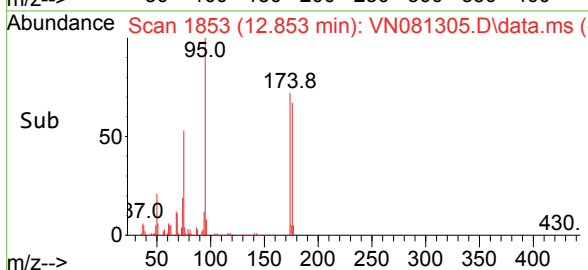
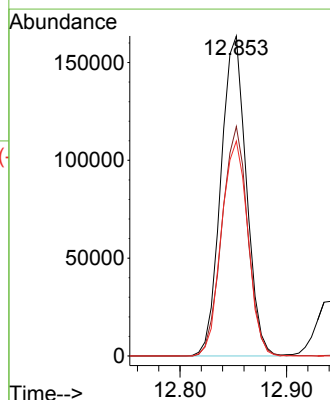
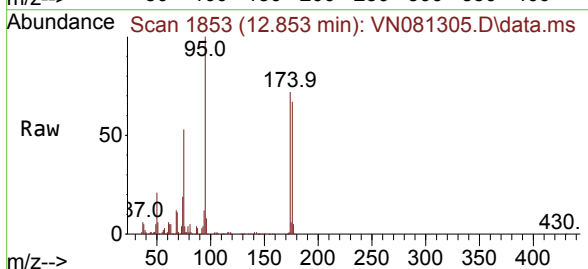
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

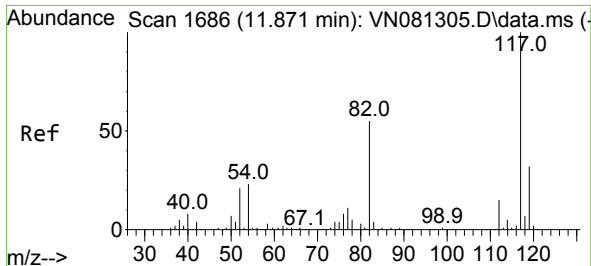
Tgt Ion:107 Resp: 225474
Ion Ratio Lower Upper
107 100
109 94.6 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 54.072 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 95 Resp: 270863
Ion Ratio Lower Upper
95 100
174 72.7 0.0 120.4
176 70.0 0.0 121.0

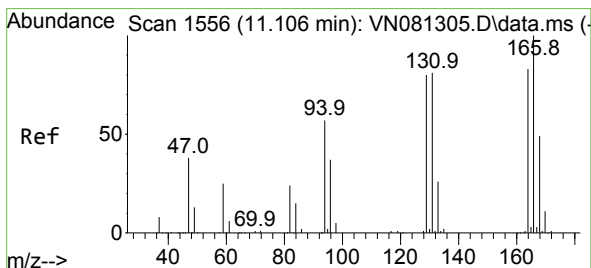
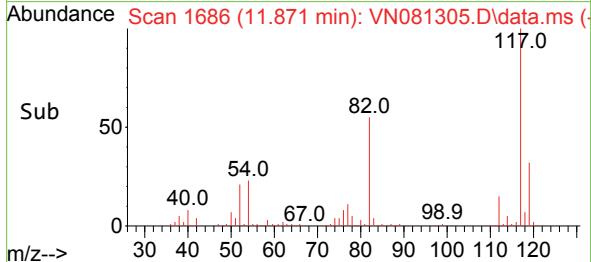
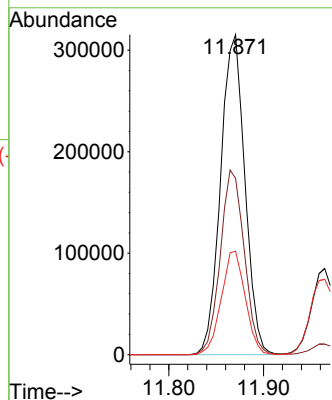
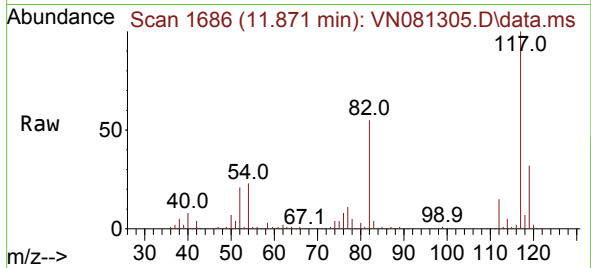




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

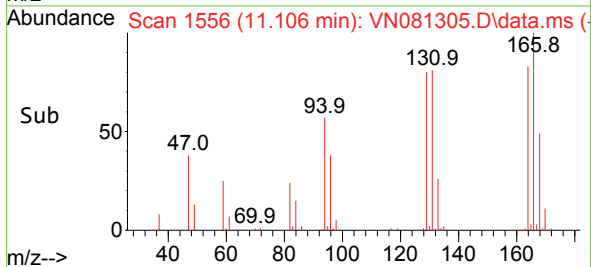
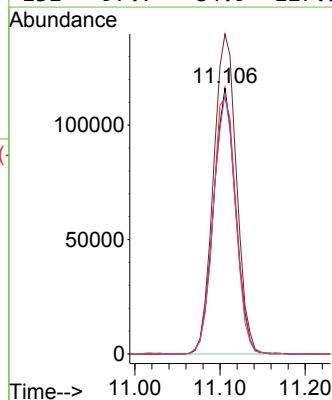
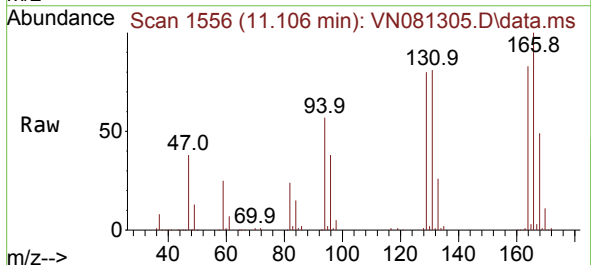
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

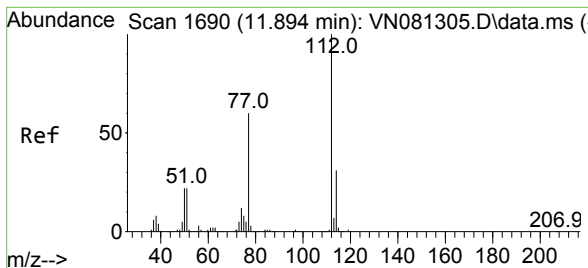
Tgt Ion:117 Resp: 561947
Ion Ratio Lower Upper
117 100
82 55.1 52.7 79.1
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 47.530 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion:164 Resp: 209131
Ion Ratio Lower Upper
164 100
166 120.4 105.8 158.6
129 96.3 89.6 134.4
131 97.7 84.9 127.3

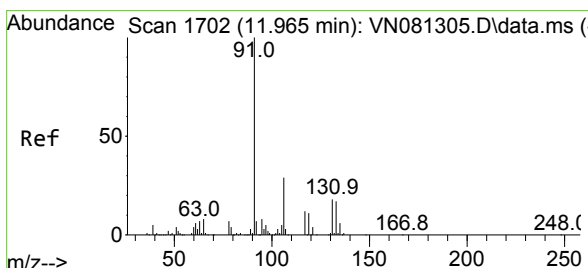
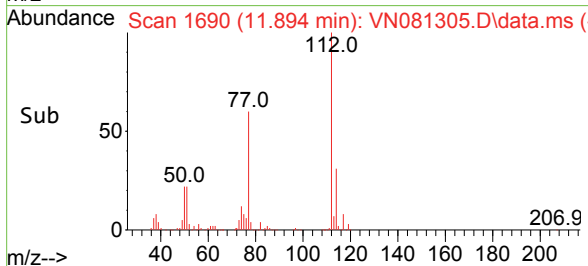
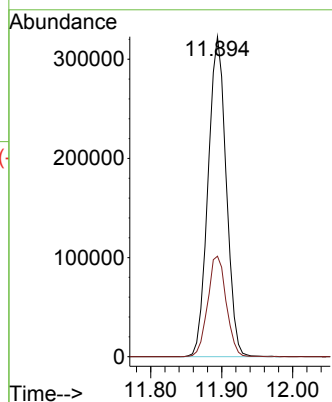
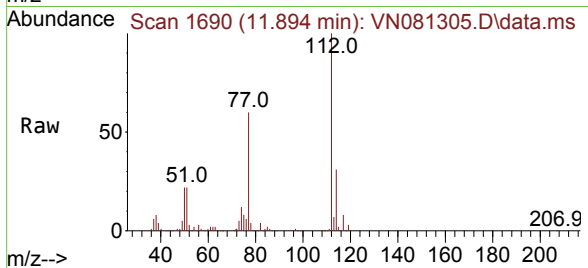




#65
Chlorobenzene
Concen: 48.316 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

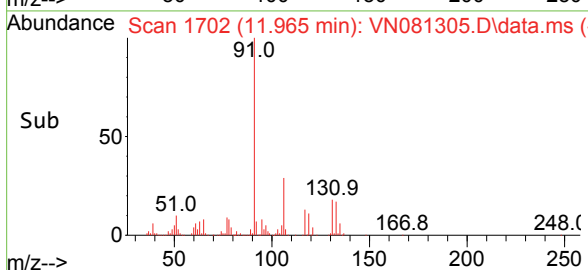
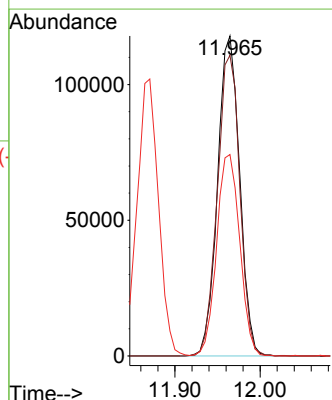
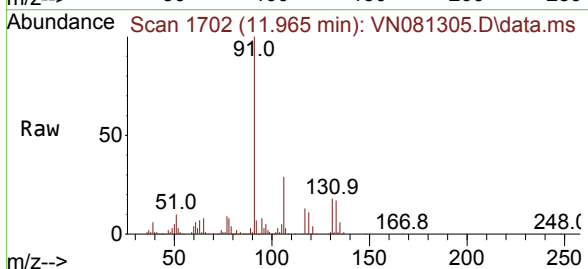
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

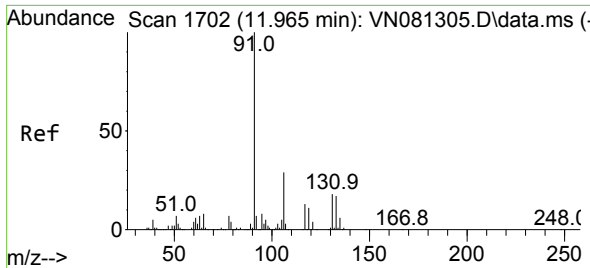
Tgt Ion:112 Resp: 572138
Ion Ratio Lower Upper
112 100
114 31.4 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.025 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion:131 Resp: 212432
Ion Ratio Lower Upper
131 100
133 95.8 46.8 140.3
119 66.0 34.6 103.9

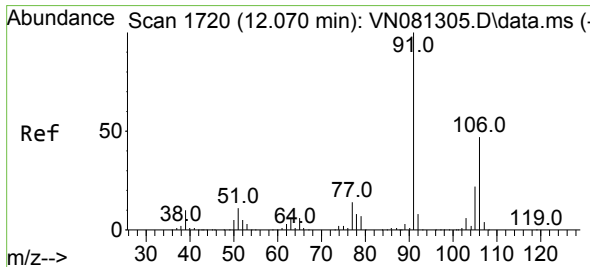
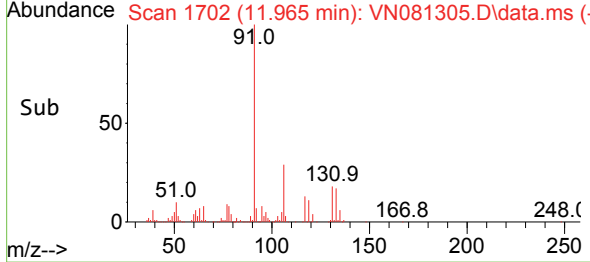
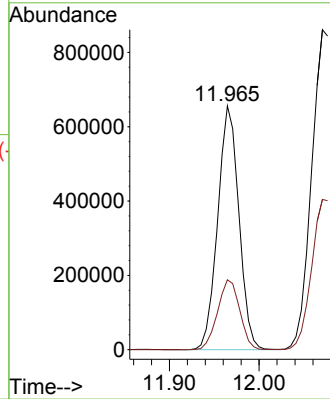
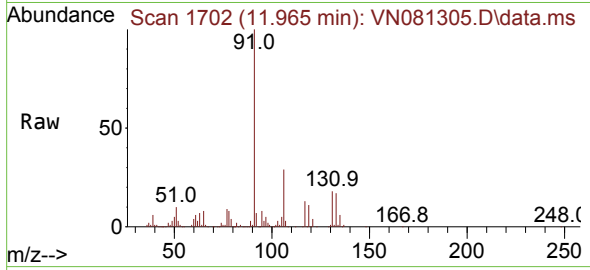




#67
Ethyl Benzene
Concen: 50.406 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

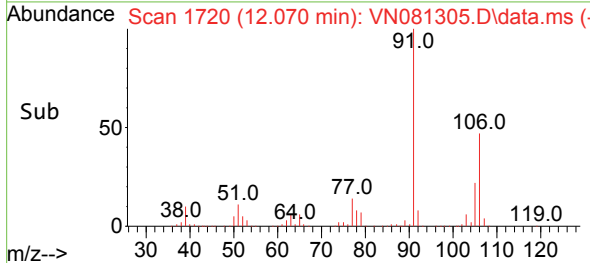
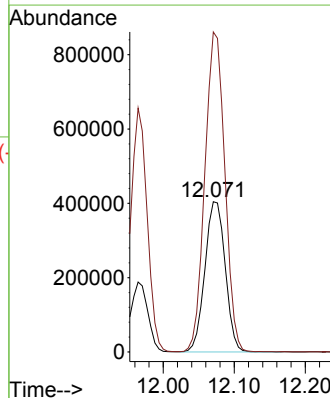
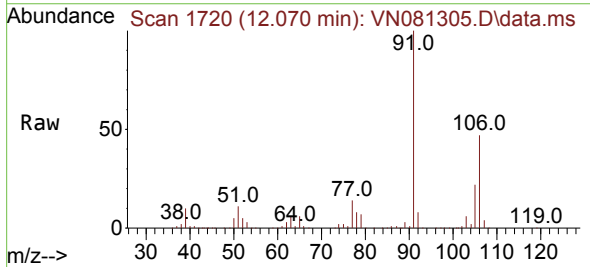
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

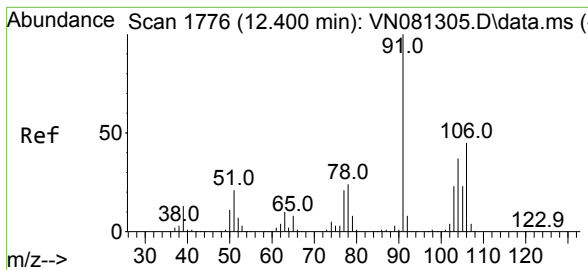
Tgt Ion: 91 Resp: 1075201
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.6



#68
m/p-Xylenes
Concen: 100.323 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion:106 Resp: 805362
Ion Ratio Lower Upper
106 100
91 209.2 169.0 253.6

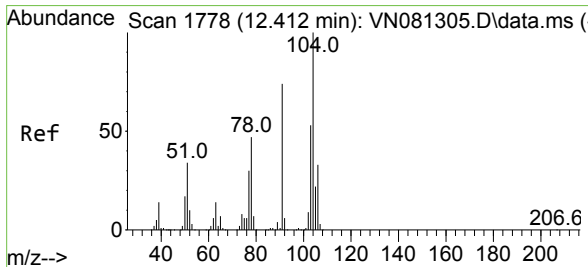
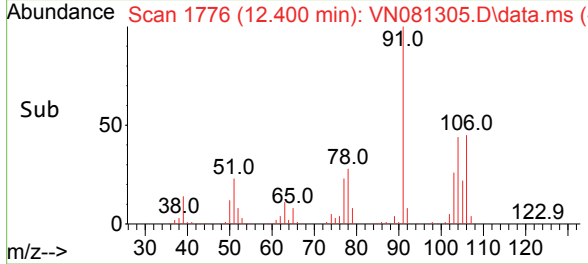
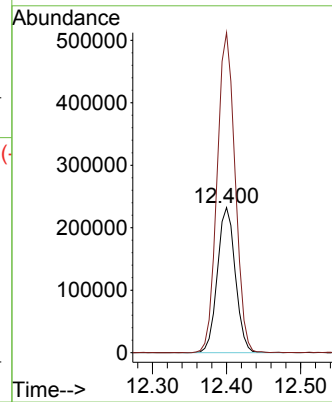
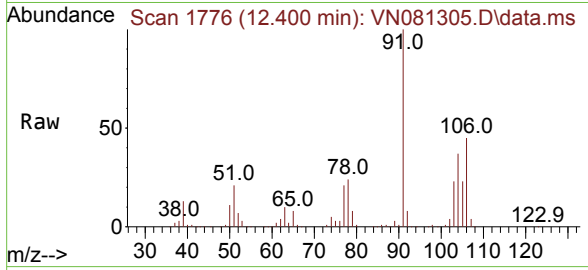




#69
o-Xylene
Concen: 50.203 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

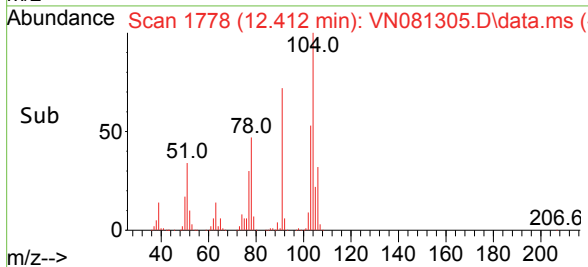
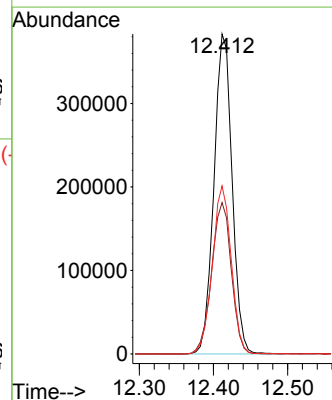
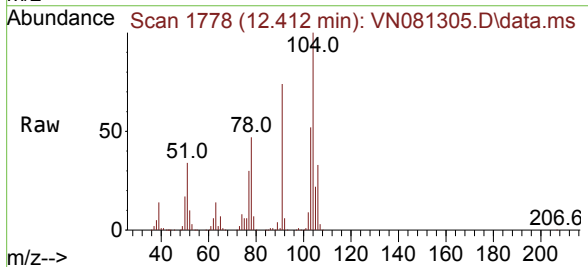
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

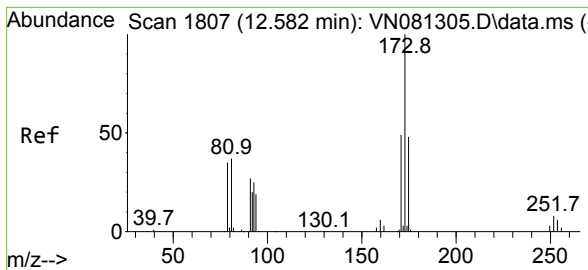
Tgt Ion:106 Resp: 390584
Ion Ratio Lower Upper
106 100
91 221.6 112.1 336.3



#70
Styrene
Concen: 52.963 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion:104 Resp: 652993
Ion Ratio Lower Upper
104 100
78 51.3 43.8 65.8
103 54.7 44.2 66.2





#71

Bromoform

Concen: 50.744 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

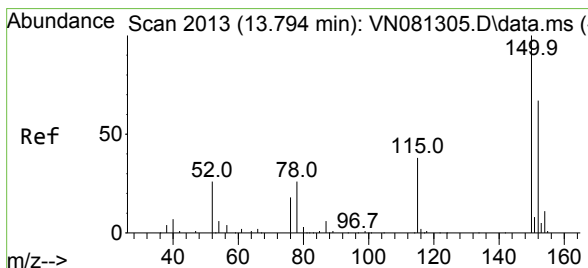
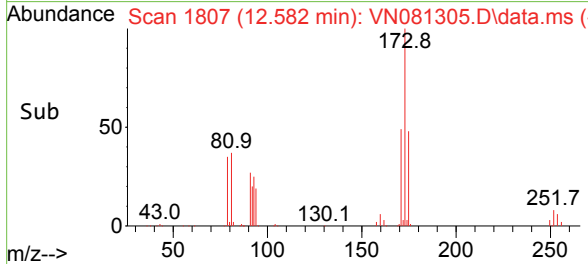
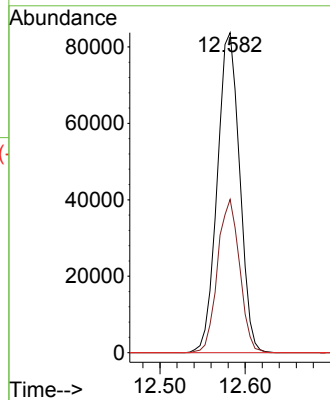
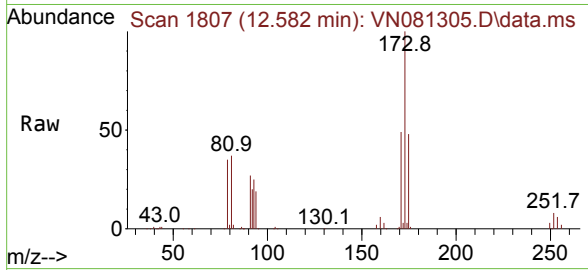
Tgt Ion:173 Resp: 152654

Ion Ratio Lower Upper

173 100

175 47.2 23.1 69.2

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. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

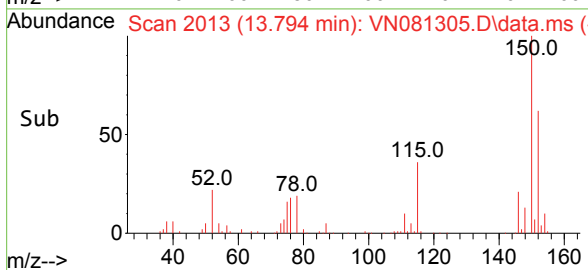
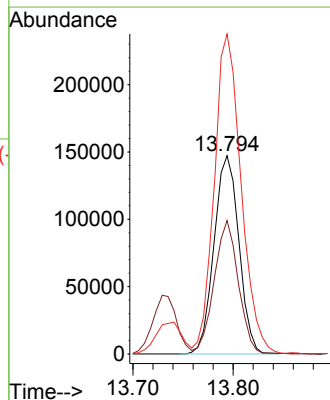
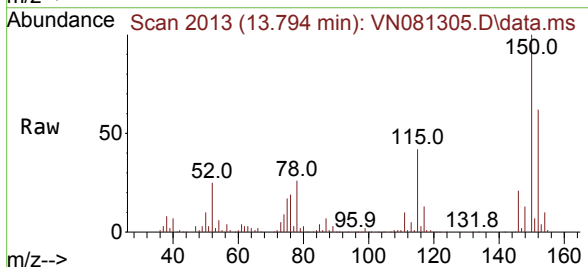
Tgt Ion:152 Resp: 252965

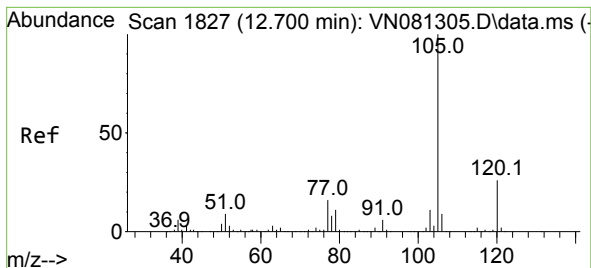
Ion Ratio Lower Upper

152 100

115 65.5 32.3 96.8

150 174.2 0.0 339.8





#73

Isopropylbenzene

Concen: 51.149 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

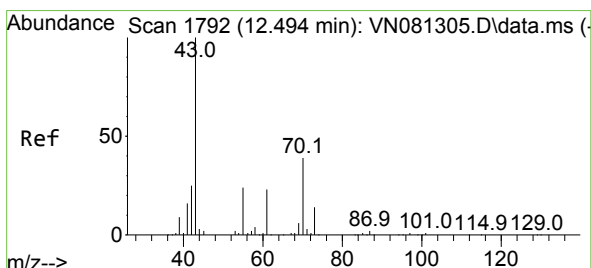
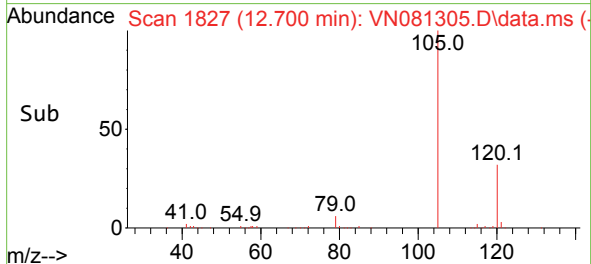
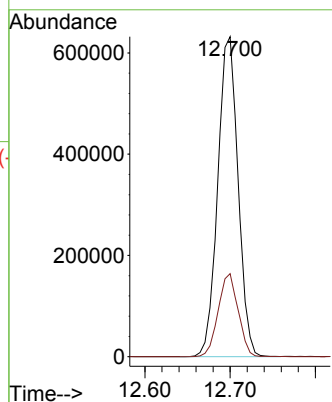
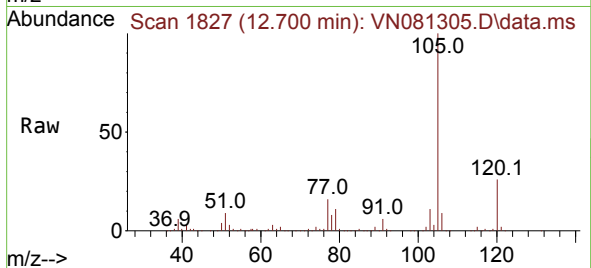
VSTDICCC050

Tgt Ion:105 Resp: 1044804

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.6



#74

N-ethyl acetate

Concen: 51.603 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Tgt Ion: 43 Resp: 442279

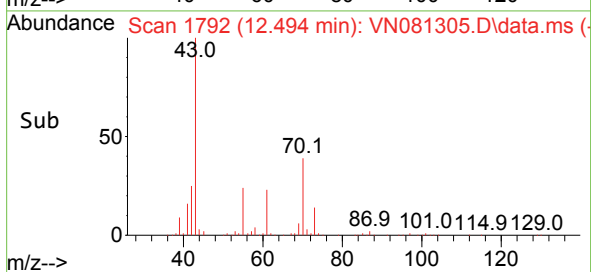
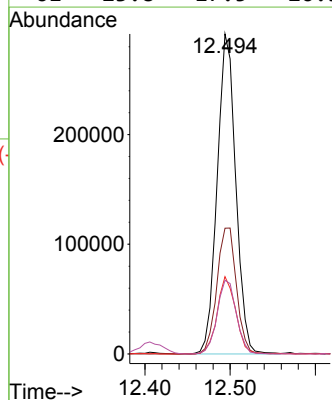
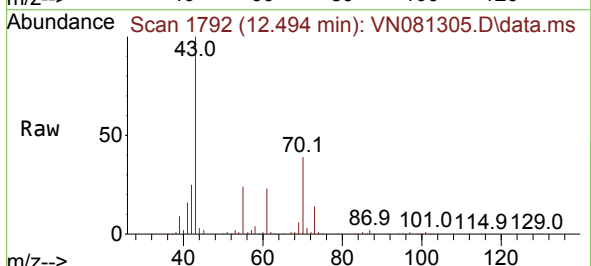
Ion Ratio Lower Upper

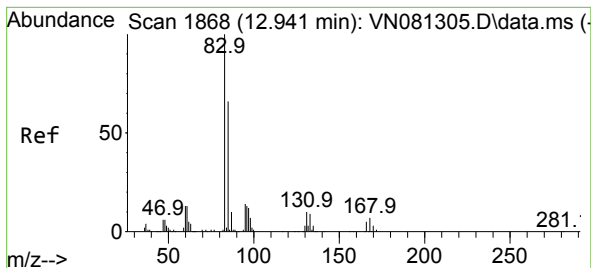
43 100

70 41.5 30.1 45.1

55 24.0 17.0 25.4

61 23.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.678 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

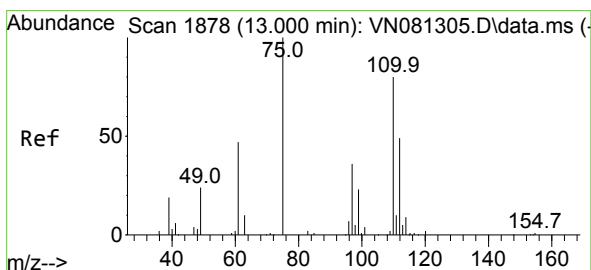
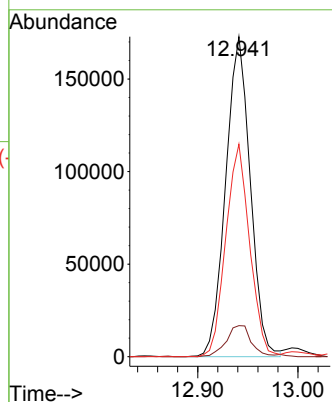
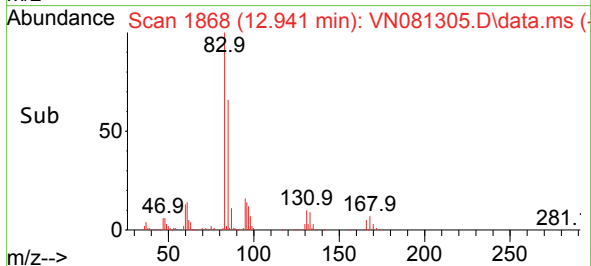
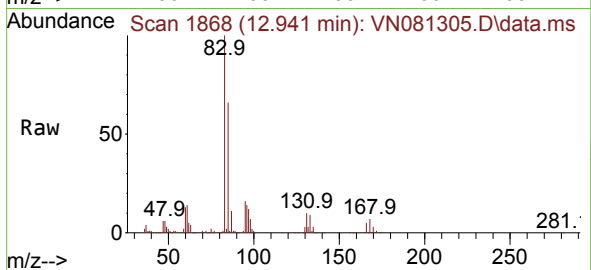
Tgt Ion: 83 Resp: 294259

Ion Ratio Lower Upper

83 100

131 10.2 4.1 12.3

85 64.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 67.601 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN081305.D

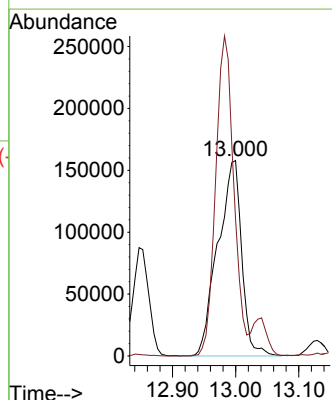
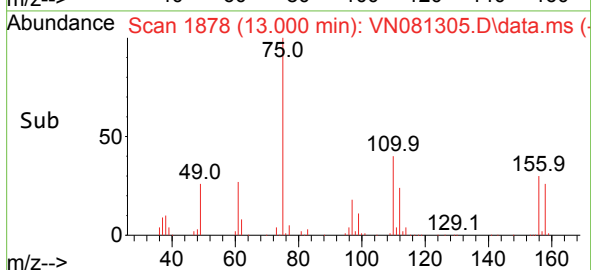
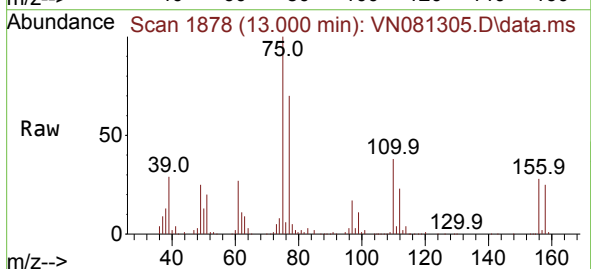
Acq: 05 Mar 2024 12:24

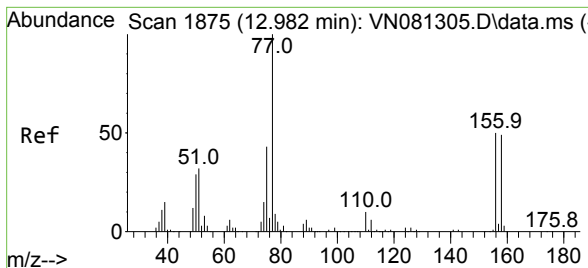
Tgt Ion: 75 Resp: 414135

Ion Ratio Lower Upper

75 100

77 124.4 91.0 272.8





#77

Bromobenzene

Concen: 47.064 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

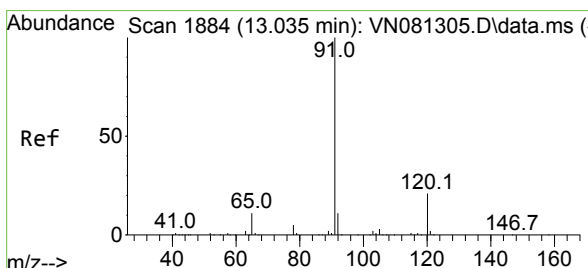
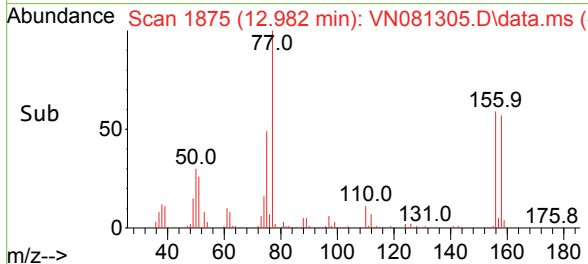
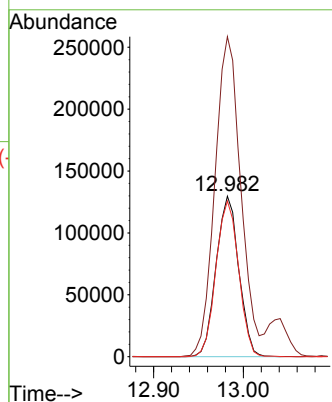
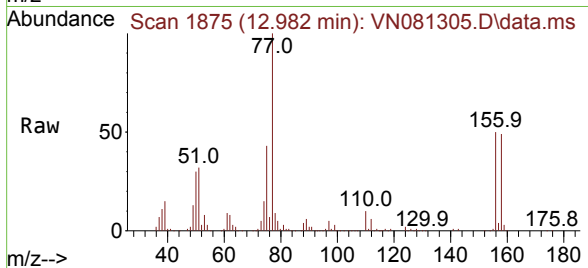
Tgt Ion:156 Resp: 227939

Ion Ratio Lower Upper

156 100

77 225.9 138.1 414.3

158 96.9 46.5 139.5



#78

n-propylbenzene

Concen: 52.542 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081305.D

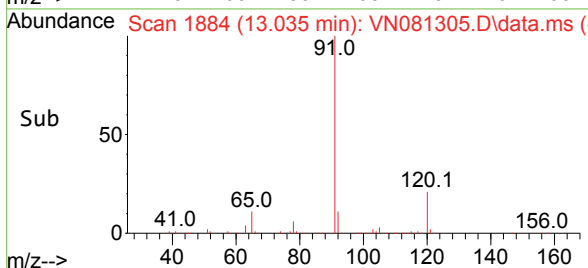
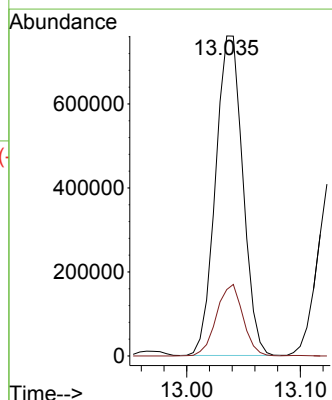
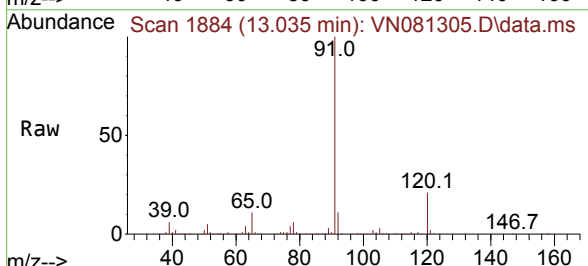
Acq: 05 Mar 2024 12:24

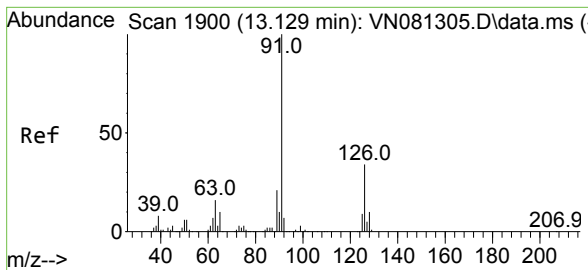
Tgt Ion: 91 Resp: 1269446

Ion Ratio Lower Upper

91 100

120 21.8 10.3 30.9

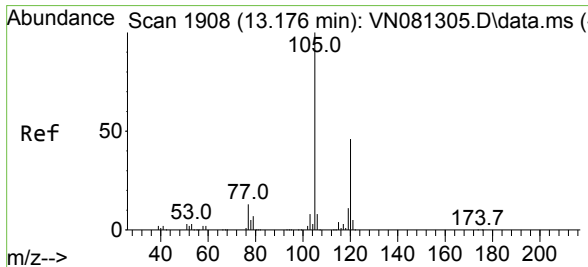
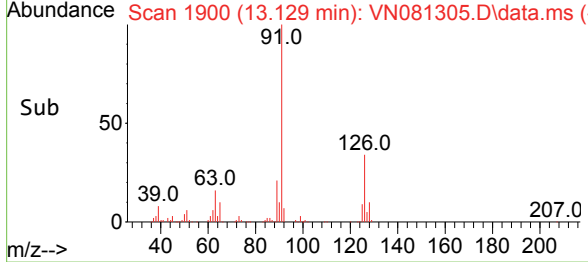
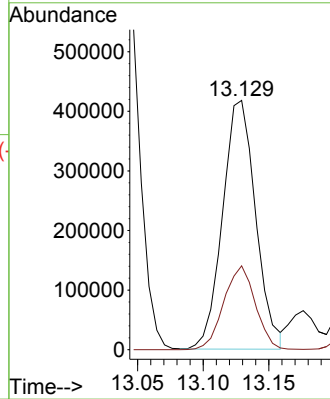
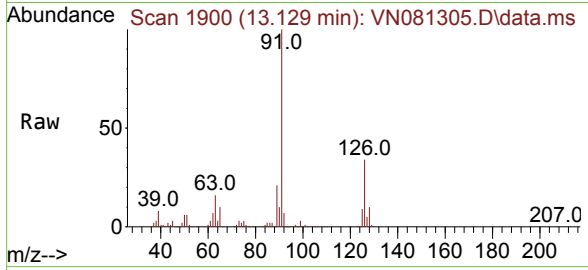




#79
 2-Chlorotoluene
 Concen: 49.596 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

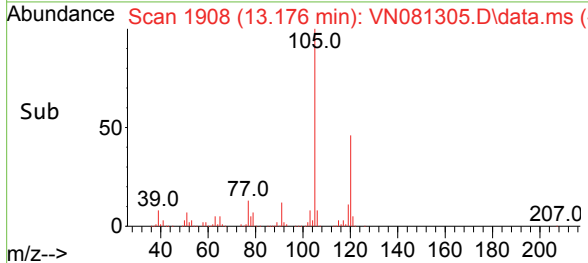
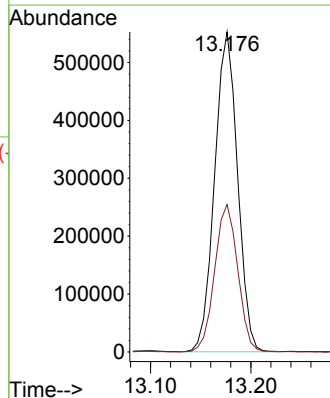
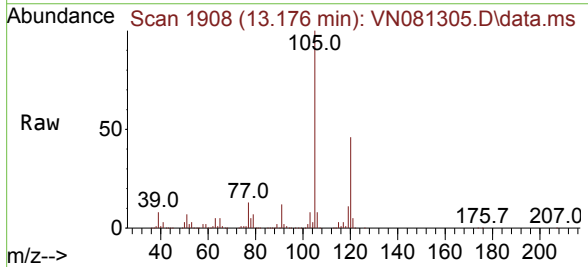
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

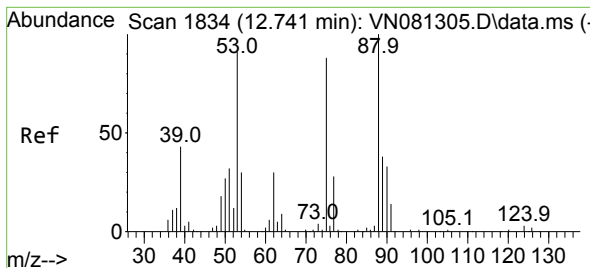
Tgt Ion: 91 Resp: 732435
 Ion Ratio Lower Upper
 91 100
 126 32.2 14.8 44.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.892 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion: 105 Resp: 876215
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0

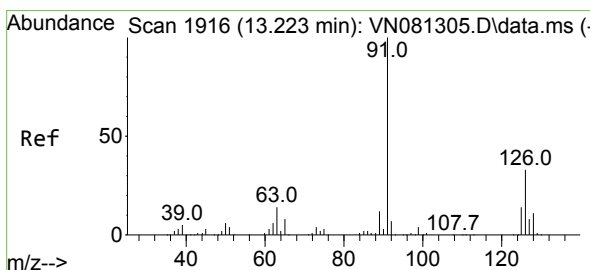
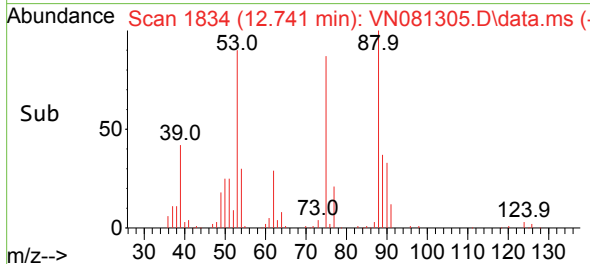
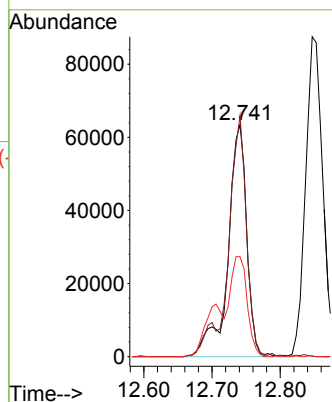
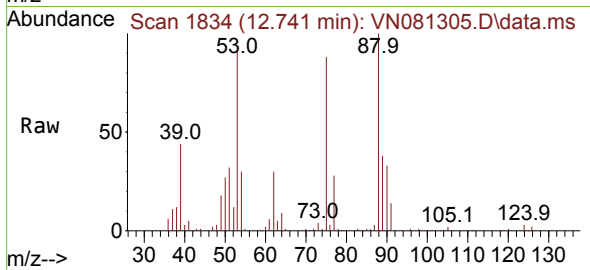




#81
trans-1,4-Dichloro-2-butene
Concen: 56.854 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

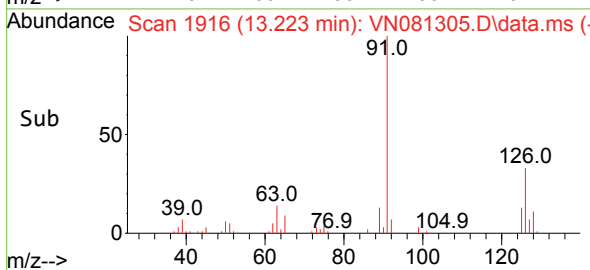
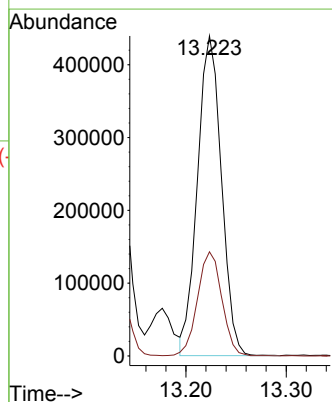
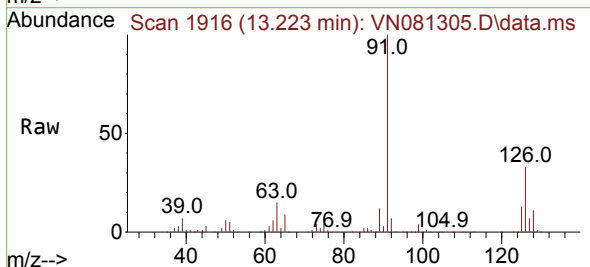
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

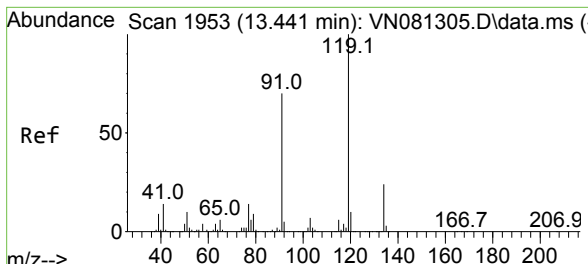
Tgt Ion: 75 Resp: 121721
Ion Ratio Lower Upper
75 100
53 89.4 71.4 107.2
89 39.2 33.4 50.0



#82
4-Chlorotoluene
Concen: 49.985 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion: 91 Resp: 729122
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9

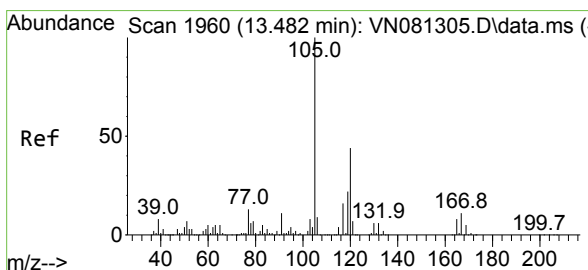
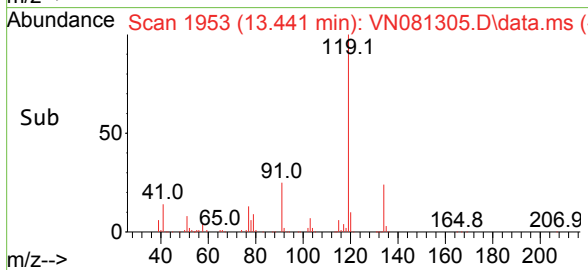
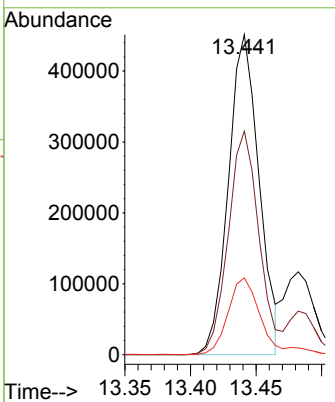
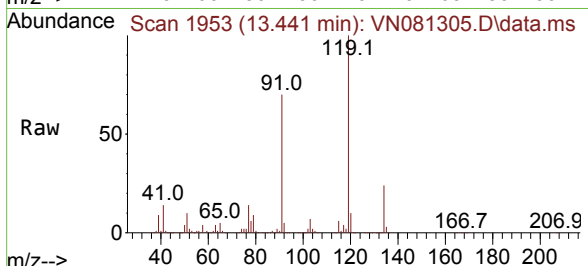




#83
 tert-Butylbenzene
 Concen: 50.788 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

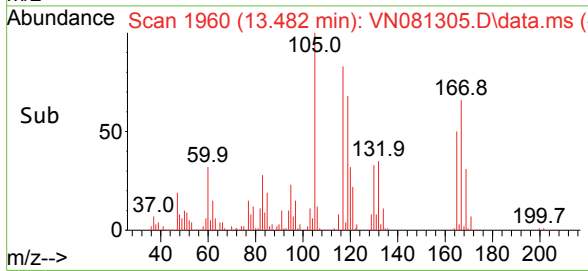
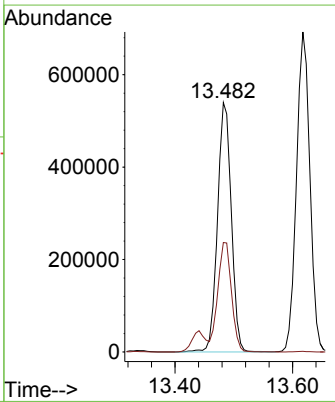
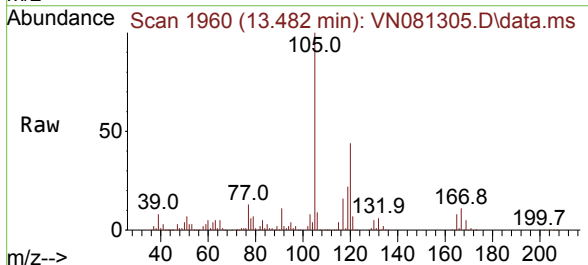
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

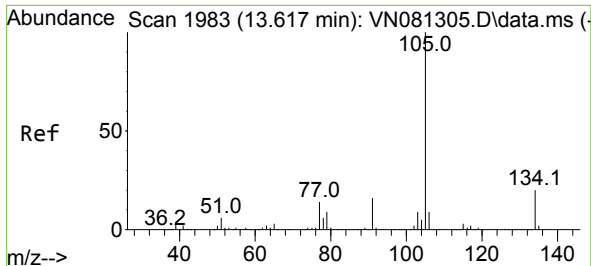
Tgt Ion:	119	Resp:	735217
Ion Ratio	Lower	Upper	
119	100		
91	70.7	36.8	110.4
134	26.1	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.470 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion:	105	Resp:	880540
Ion Ratio	Lower	Upper	
105	100		
120	43.4	20.9	62.7

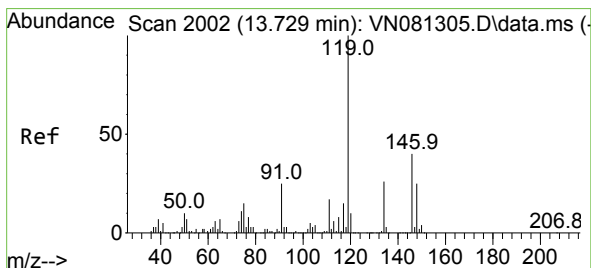
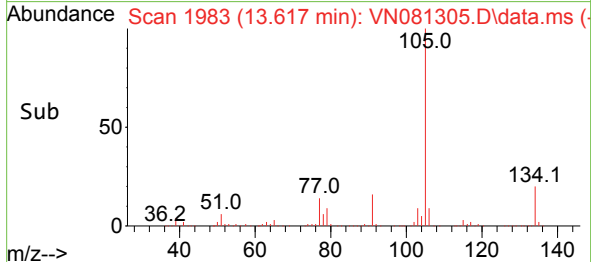
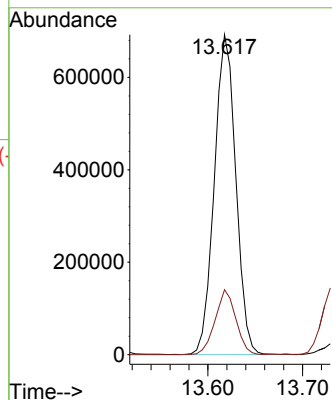
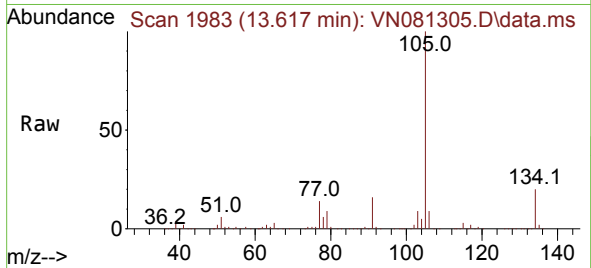




#85
 sec-Butylbenzene
 Concen: 52.210 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

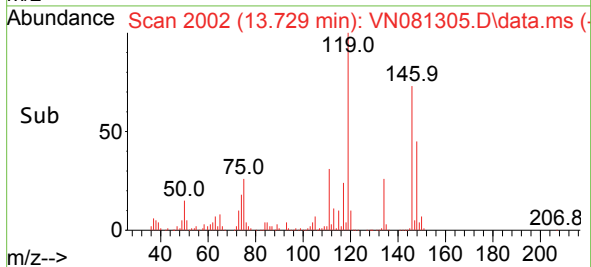
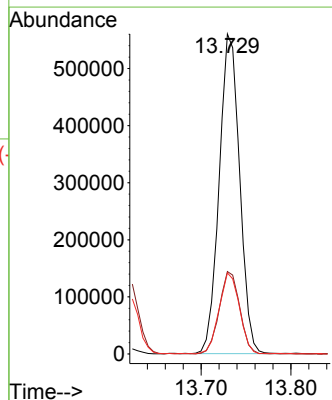
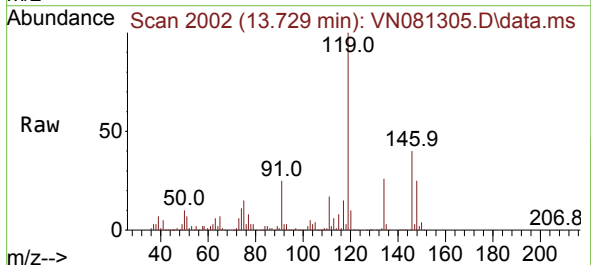
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

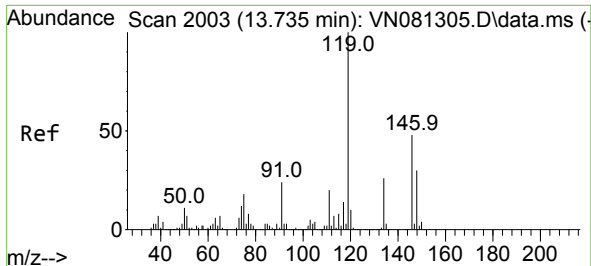
Tgt Ion:105 Resp: 1093407
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 52.851 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion:119 Resp: 887629
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.4 37.2
 91 25.0 13.5 40.4

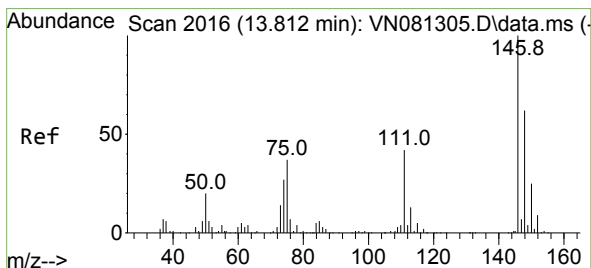
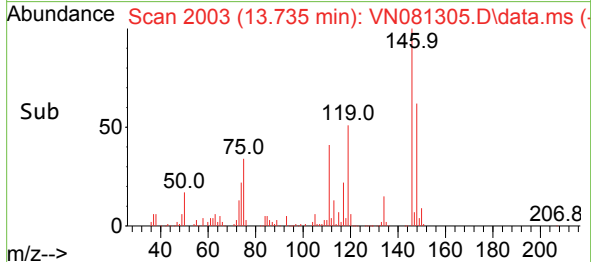
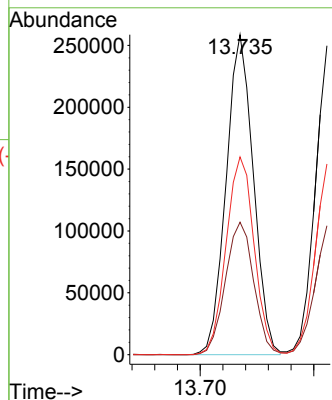
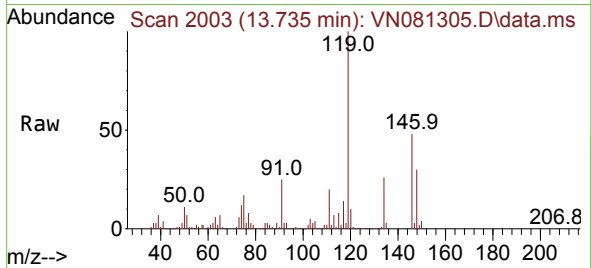




#87
1,3-Dichlorobenzene
Concen: 47.097 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

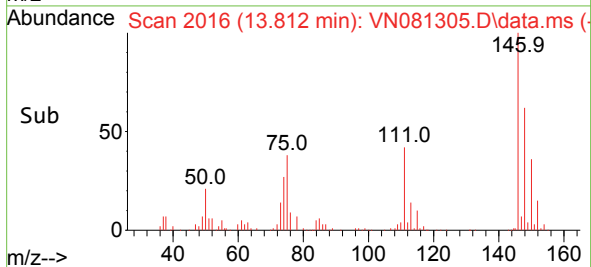
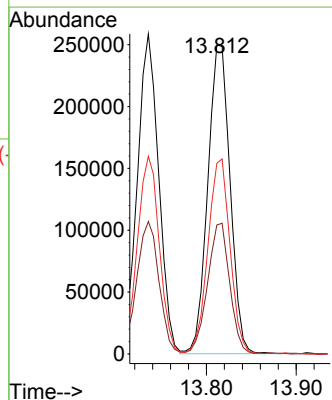
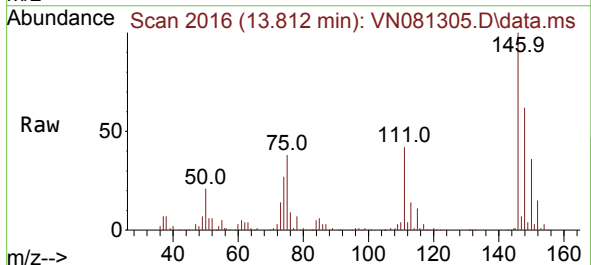
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

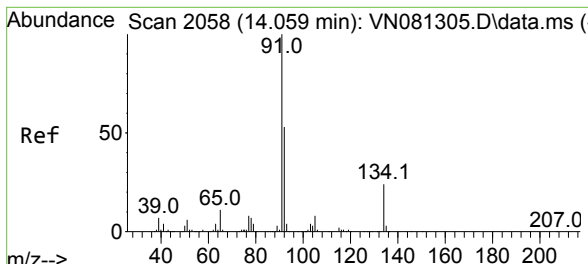
Tgt Ion:146 Resp: 430703
Ion Ratio Lower Upper
146 100
111 43.2 23.9 71.7
148 63.6 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 47.185 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081305.D
Acq: 05 Mar 2024 12:24

Tgt Ion:146 Resp: 431296
Ion Ratio Lower Upper
146 100
111 41.8 22.6 67.7
148 62.2 31.9 95.5

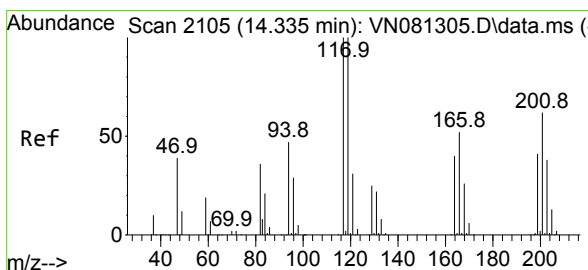
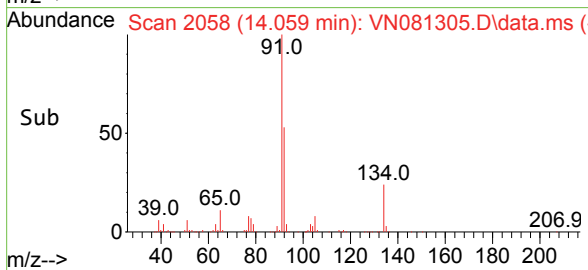
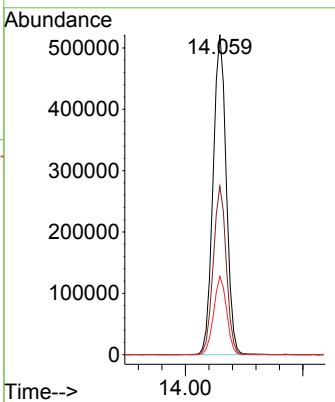
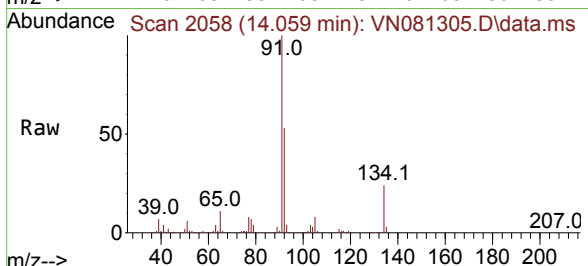




#89
 n-Butylbenzene
 Concen: 52.592 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

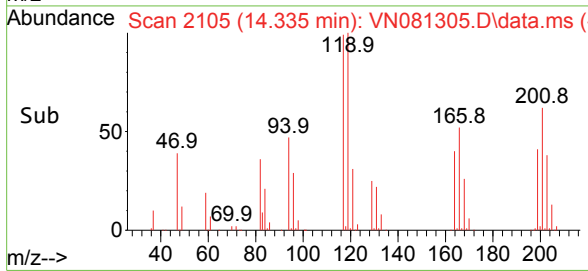
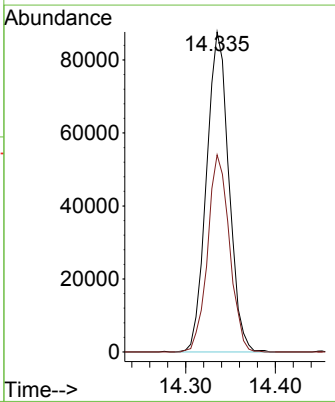
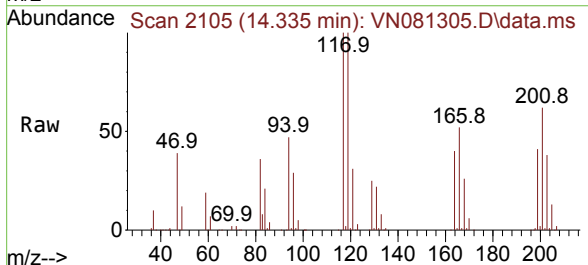
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

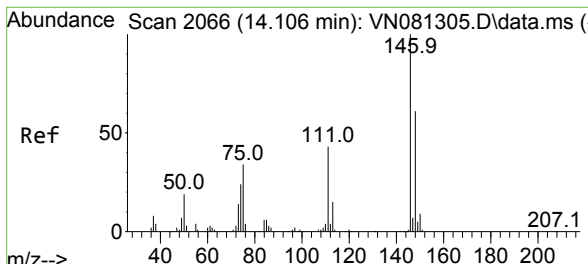
Tgt Ion:	91	Resp:	810020
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.7	80.1
134	24.1	10.8	32.4



#90
 Hexachloroethane
 Concen: 51.644 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion:	117	Resp:	151855
Ion	Ratio	Lower	Upper
117	100		
201	60.1	30.0	90.0

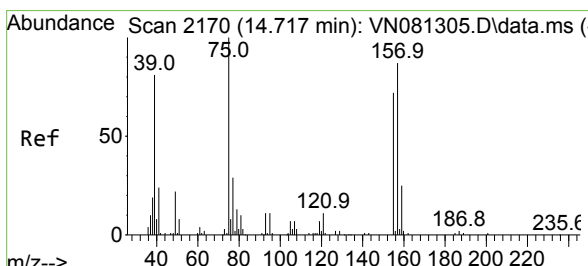
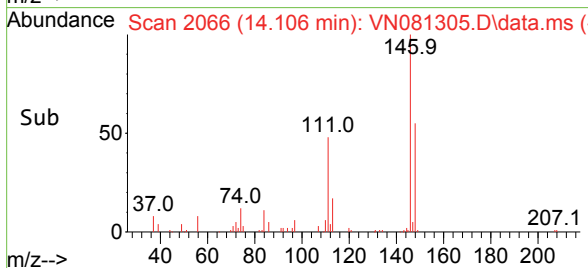
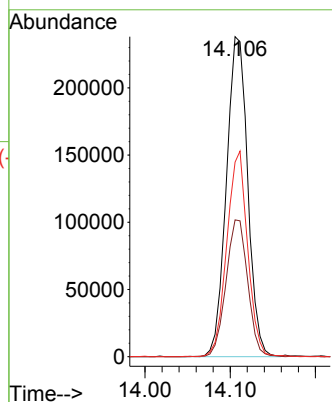
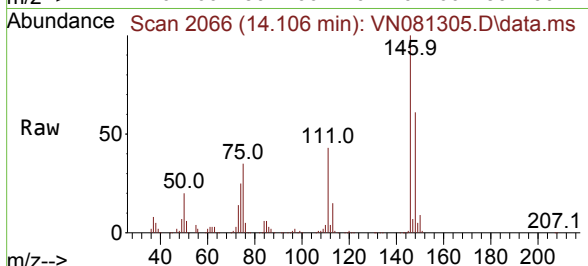




#91
 1,2-Dichlorobenzene
 Concen: 47.226 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

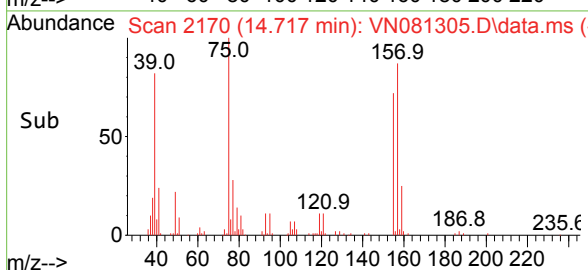
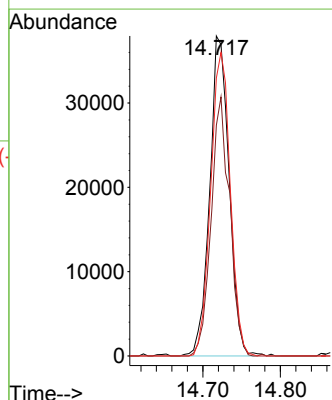
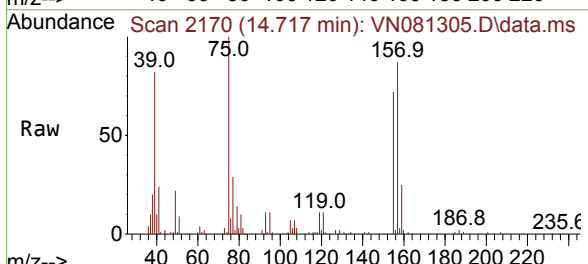
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

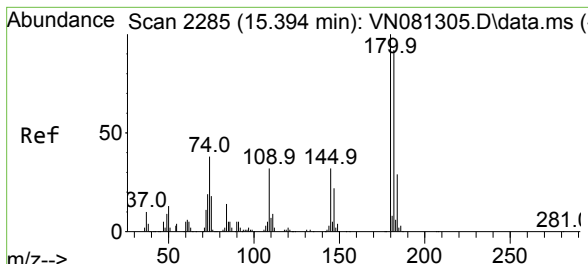
Tgt Ion:146 Resp: 414373
 Ion Ratio Lower Upper
 146 100
 111 43.5 23.9 71.8
 148 62.6 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.084 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion: 75 Resp: 66215
 Ion Ratio Lower Upper
 75 100
 155 77.2 31.8 95.4
 157 95.7 41.1 123.4

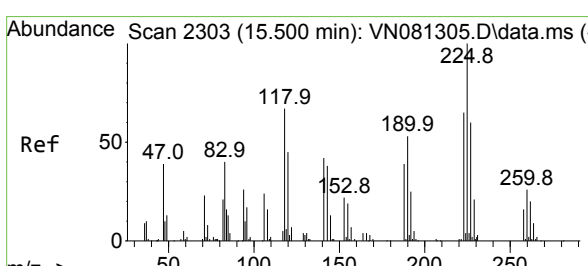
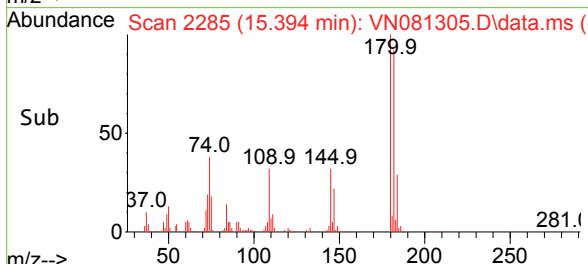
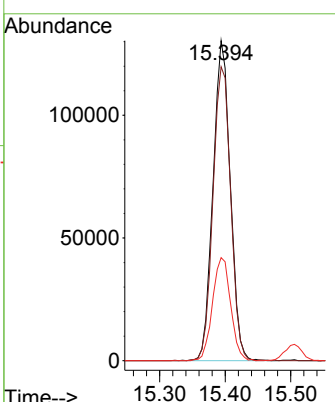
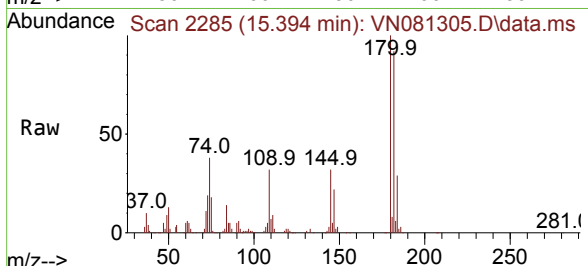




#93
 1,2,4-Trichlorobenzene
 Concen: 50.720 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

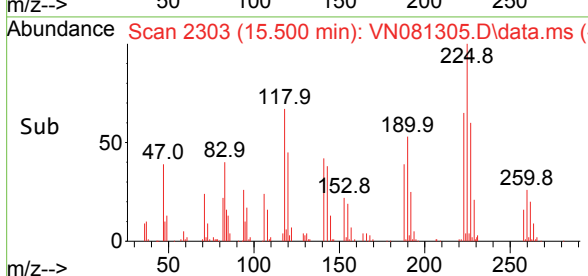
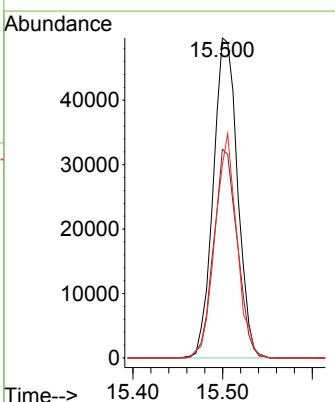
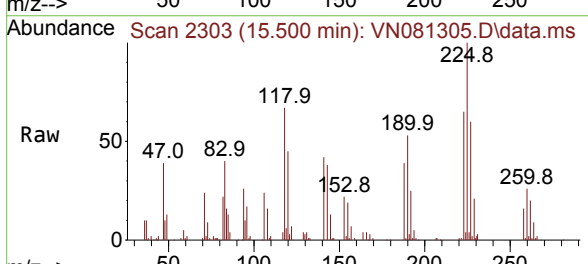
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

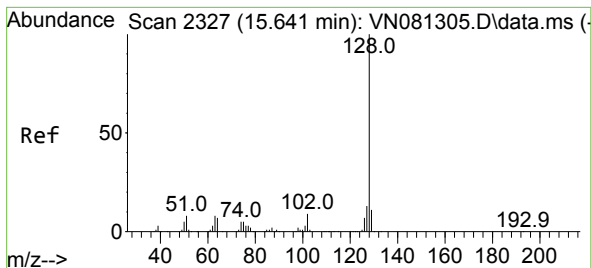
Tgt Ion:	180	Resp:	237878
Ion Ratio	Lower	Upper	
180	100		
182	94.1	46.6	139.7
145	33.7	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 48.036 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN081305.D
 Acq: 05 Mar 2024 12:24

Tgt Ion:	225	Resp:	93091
Ion Ratio	Lower	Upper	
225	100		
223	64.0	33.3	99.8
227	63.3	33.1	99.2





#95

Naphthalene

Concen: 51.748 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

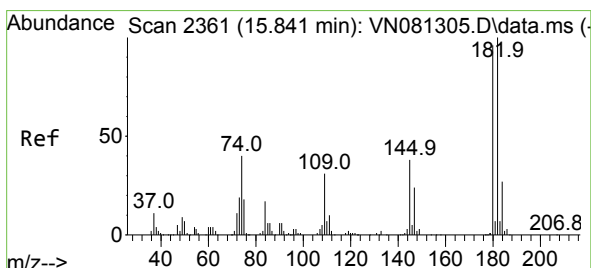
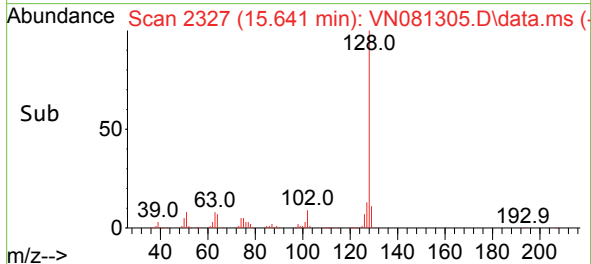
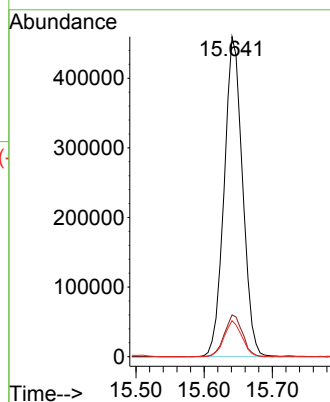
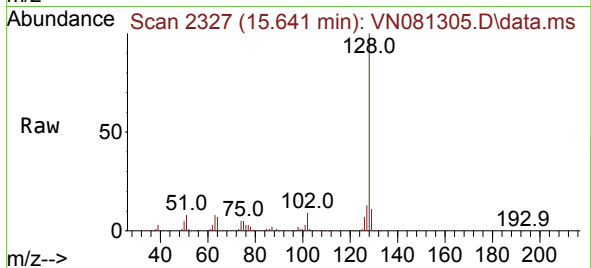
Tgt Ion:128 Resp: 863594

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.272 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081305.D

Acq: 05 Mar 2024 12:24

Tgt Ion:180 Resp: 234345

Ion Ratio Lower Upper

180 100

182 96.2 46.5 139.3

145 35.8 17.8 53.4

