

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081016.D
 Acq On : 12 Feb 2024 20:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 13 03:27:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	695114	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	1172517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1023598	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	427472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	314532	35.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	71.740%#
35) Dibromofluoromethane	8.171	113	304137	48.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	10.571	98	1081703	47.531	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.853	95	344715	41.696	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	310230	39.393	ug/l	94
3) Chloromethane	2.365	50	352590	43.024	ug/l	96
4) Vinyl Chloride	2.518	62	707976	68.836	ug/l	91
5) Bromomethane	2.948	94	189051	28.573	ug/l	94
6) Chloroethane	3.118	64	236422	32.596	ug/l	99
7) Trichlorofluoromethane	3.501	101	495083	36.763	ug/l	94
8) Diethyl Ether	3.959	74	200932	41.762	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.365	101	317809	41.953	ug/l #	84
10) Methyl Iodide	4.589	142	343653	46.909	ug/l	97
11) Tert butyl alcohol	5.518	59	269016	222.659	ug/l	99
12) 1,1-Dichloroethene	4.342	96	318371	42.721	ug/l #	78
13) Acrolein	4.183	56	338587	222.349	ug/l	97
14) Allyl chloride	5.024	41	340287	34.462	ug/l #	90
15) Acrylonitrile	5.718	53	711370	215.401	ug/l	98
16) Acetone	4.424	43	499068	172.990	ug/l	91
17) Carbon Disulfide	4.718	76	668091	35.542	ug/l #	93
18) Methyl Acetate	5.024	43	364951	42.340	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	1032359	41.588	ug/l	93
20) Methylene Chloride	5.283	84	346683	39.664	ug/l #	78
21) trans-1,2-Dichloroethene	5.783	96	320144	38.269	ug/l #	82
22) Diisopropyl ether	6.671	45	890630	38.913	ug/l #	89
23) Vinyl Acetate	6.600	43	3286121	217.889	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	550649	36.943	ug/l	94
25) 2-Butanone	7.483	43	847741	183.075	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	490930	36.018	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	403143	41.473	ug/l	78
28) Bromochloromethane	7.818	49	231511	37.327	ug/l #	31
29) Tetrahydrofuran	7.841	42	552303	195.084	ug/l #	74
30) Chloroform	7.965	83	664857	40.361	ug/l	99
31) Cyclohexane	8.259	56	444747	37.110	ug/l #	66
32) 1,1,1-Trichloroethane	8.171	97	583440	40.876	ug/l #	90
36) 1,1-Dichloropropene	8.377	75	437862	46.780	ug/l	92
37) Ethyl Acetate	7.559	43	349232	49.310	ug/l #	95
38) Carbon Tetrachloride	8.365	117	389106	40.553	ug/l	97
39) Methylcyclohexane	9.606	83	529869	50.792	ug/l #	81
40) Benzene	8.606	78	1353727	47.514	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	200860	47.589	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	448318	45.193	ug/l	94
43) Isopropyl Acetate	8.688	43	774246	59.450	ug/l #	97
44) Trichloroethene	9.359	130	534000	61.705	ug/l	87
45) 1,2-Dichloropropane	9.624	63	331952	43.182	ug/l	100
46) Dibromomethane	9.712	93	263751	46.399	ug/l #	81
47) Bromodichloromethane	9.894	83	509419	45.817	ug/l #	99
48) Methyl methacrylate	9.682	41	301974	41.154	ug/l #	80
49) 1,4-Dioxane	9.694	88	159592	1177.948	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	1976980	251.891	ug/l	89
52) Toluene	10.635	92	939341	49.221	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	554346	51.525	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	598354	49.547	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	351669	47.677	ug/l	91
56) Ethyl methacrylate	10.877	69	549931	62.324	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	603980	50.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1395818	260.566	ug/l #	78
59) 2-Hexanone	11.200	43	1417926	238.361	ug/l	89
60) Dibromochloromethane	11.365	129	357855	47.481	ug/l	98
61) 1,2-Dibromoethane	11.471	107	393123	53.430	ug/l	98
64) Tetrachloroethene	11.106	164	572321	74.075	ug/l	89
65) Chlorobenzene	11.894	112	974968	45.448	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	341149	44.069	ug/l	96
67) Ethyl Benzene	11.965	91	1688072	45.681	ug/l	96
68) m/p-Xylenes	12.071	106	1331105	94.811	ug/l	90
69) o-Xylene	12.400	106	632205	46.407	ug/l	89
70) Styrene	12.412	104	1024894	50.127	ug/l	95
71) Bromoform	12.582	173	201941	38.948	ug/l #	97
73) Isopropylbenzene	12.700	105	1627294	48.948	ug/l	96
74) N-amyl acetate	12.494	43	553935	46.225	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	421761	40.782	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	534866	61.367	ug/l	65
77) Bromobenzene	12.982	156	384249	45.807	ug/l	62
78) n-propylbenzene	13.041	91	1779283	47.404	ug/l	92
79) 2-Chlorotoluene	13.129	91	1049326	44.238	ug/l	87
80) 1,3,5-Trimethylbenzene	13.176	105	1315738	48.691	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	136980	42.699	ug/l	96
82) 4-Chlorotoluene	13.223	91	1028956	43.478	ug/l	89
83) tert-Butylbenzene	13.441	119	1169332	50.766	ug/l	91
84) 1,2,4-Trimethylbenzene	13.488	105	1287868	47.852	ug/l	93
85) sec-Butylbenzene	13.618	105	1600950	51.724	ug/l	91
86) p-Isopropyltoluene	13.735	119	1353899	51.760	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	691123	46.263	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	688752	45.432	ug/l	95
89) n-Butylbenzene	14.059	91	1099205	47.572	ug/l	95
90) Hexachloroethane	14.335	117	2857	0.693	ug/l	67
91) 1,2-Dichlorobenzene	14.112	146	678145	47.382	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	83693	43.264	ug/l #	51
93) 1,2,4-Trichlorobenzene	15.400	180	423408	59.805	ug/l	98
94) Hexachlorobutadiene	15.506	225	166522	54.252	ug/l	98
95) Naphthalene	15.647	128	1454796	62.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	435178	62.446	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

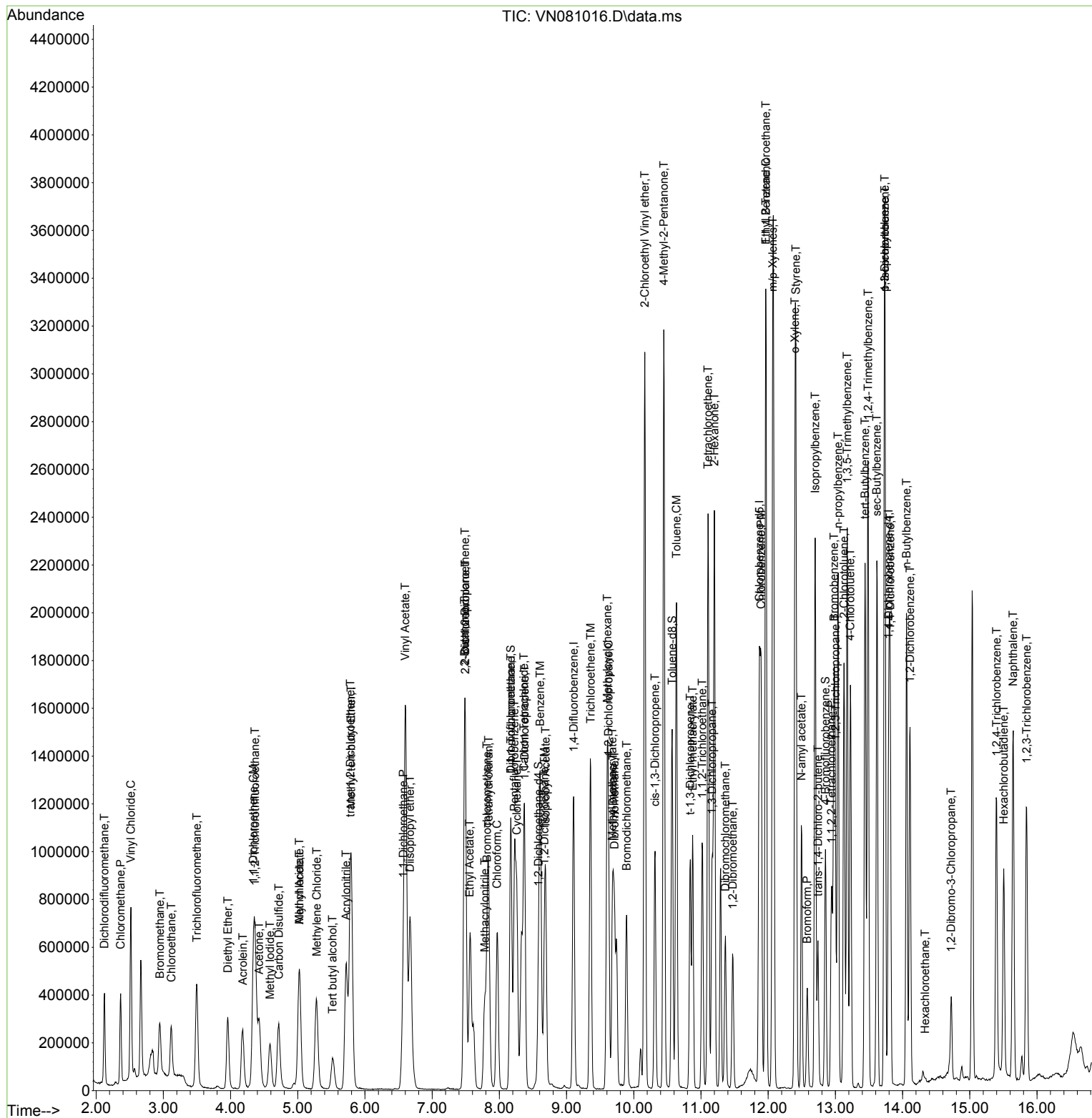
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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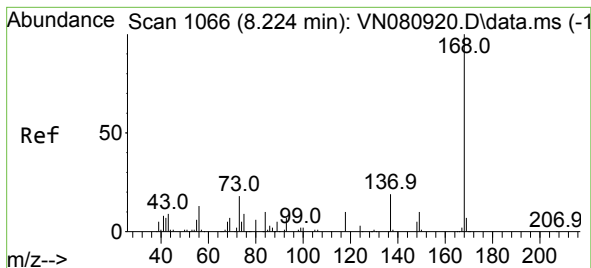
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

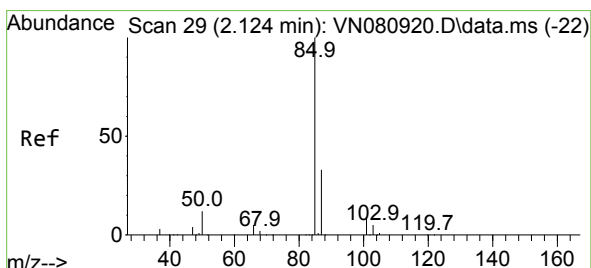
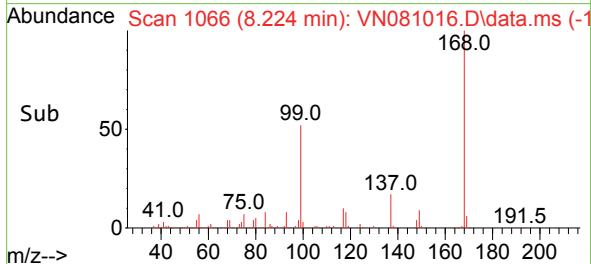
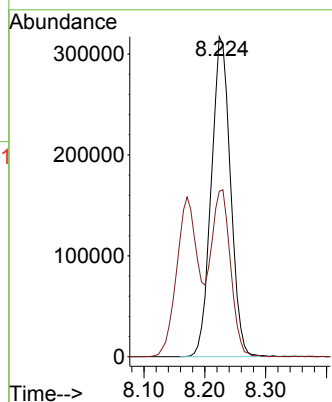
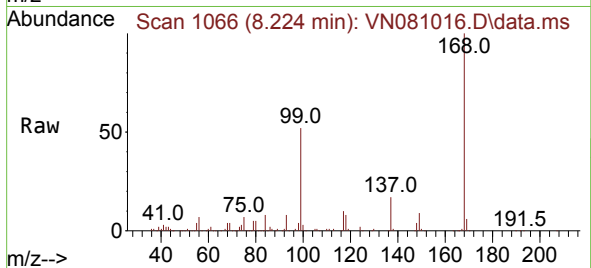
VSTDCCC050EC

Tgt Ion:168 Resp: 695114

Ion Ratio Lower Upper

168 100

99 51.6 59.9 89.9#



#2

Dichlorodifluoromethane

Concen: 39.393 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081016.D

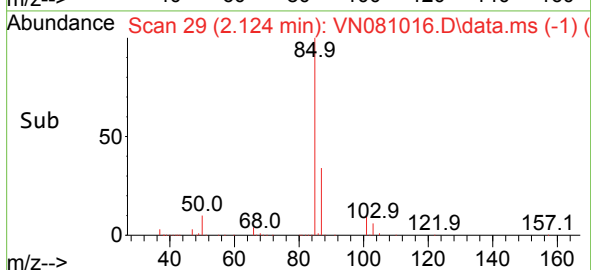
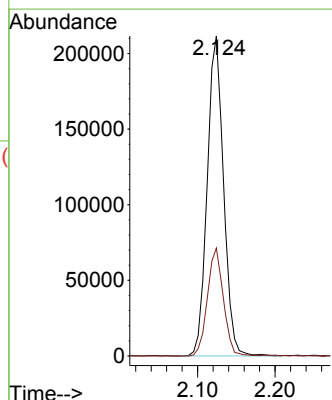
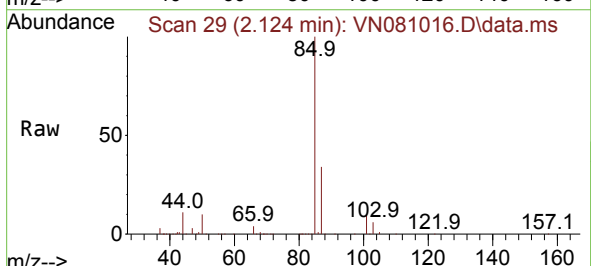
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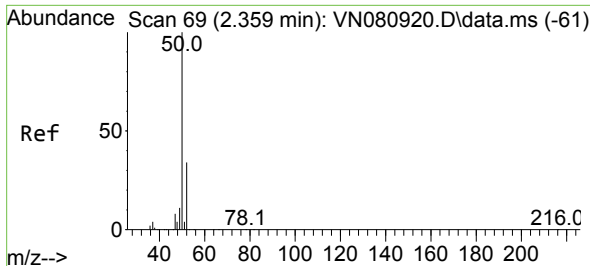
Tgt Ion: 85 Resp: 310230

Ion Ratio Lower Upper

85 100

87 33.7 15.3 45.9

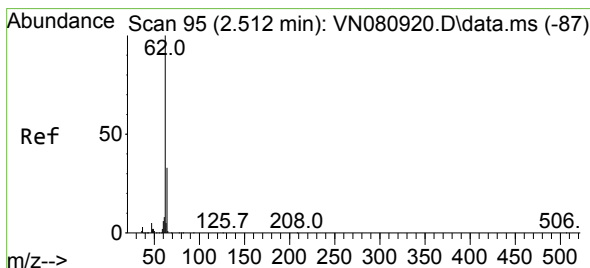
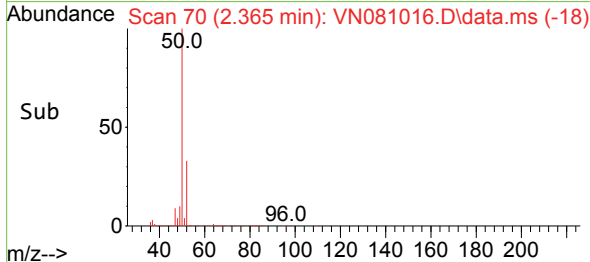
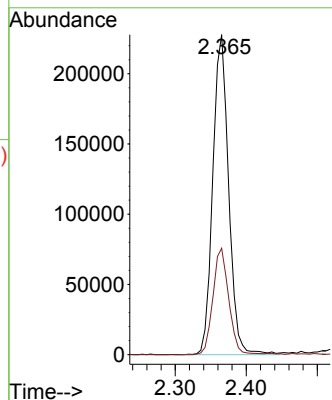
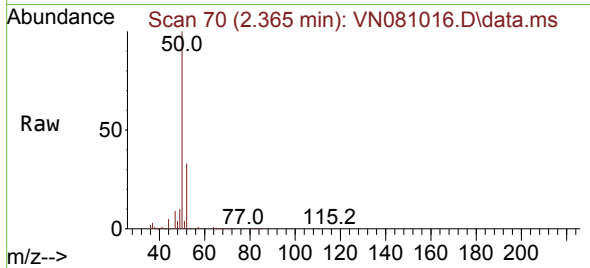




#3
Chloromethane
Concen: 43.024 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

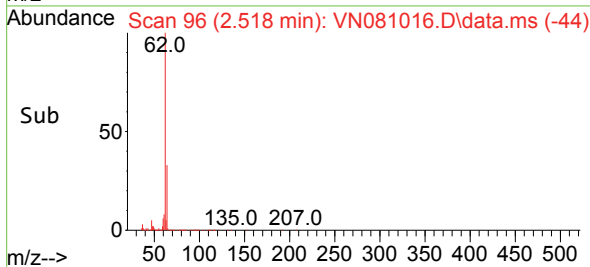
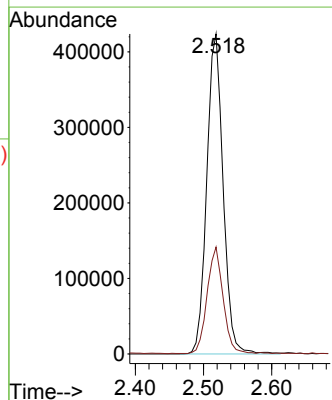
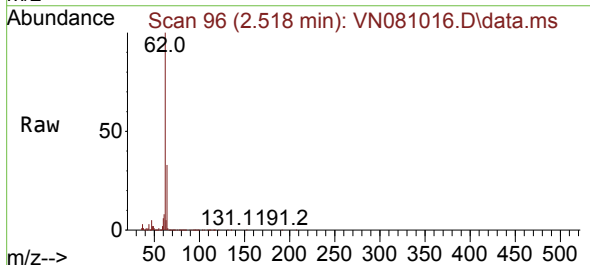
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

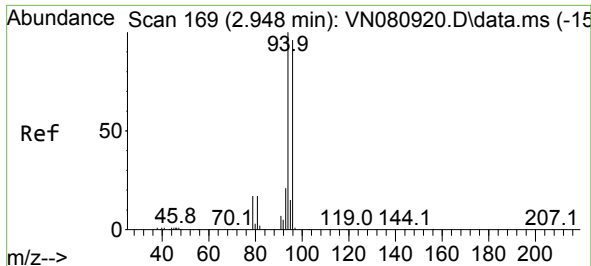
Tgt Ion: 50 Resp: 352590
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4



#4
Vinyl Chloride
Concen: 68.836 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 62 Resp: 707976
Ion Ratio Lower Upper
62 100
64 33.2 22.7 34.1

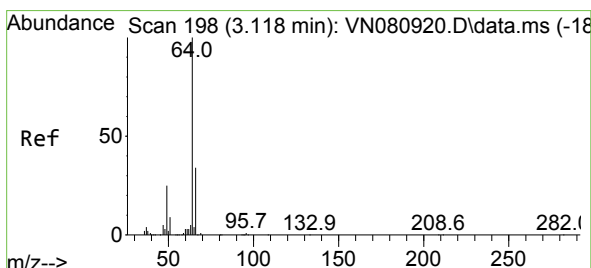
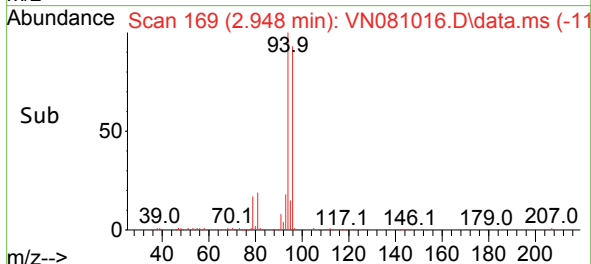
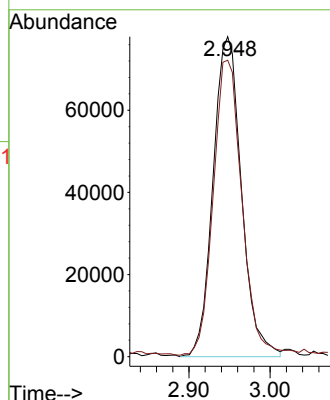
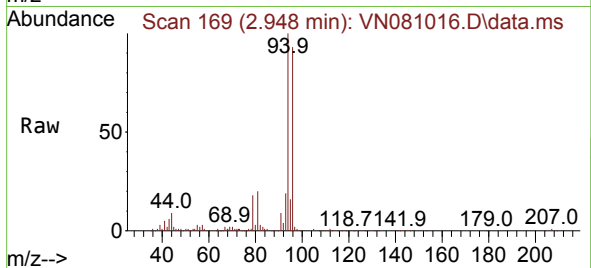




#5
Bromomethane
Concen: 28.573 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

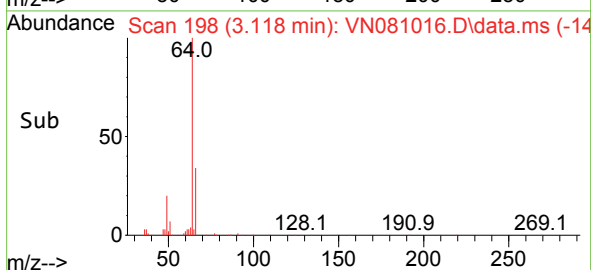
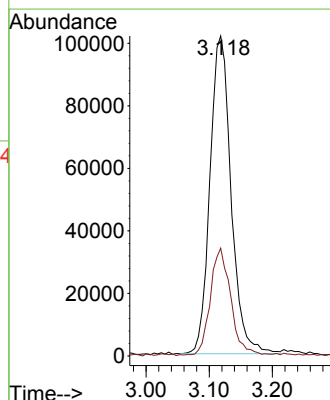
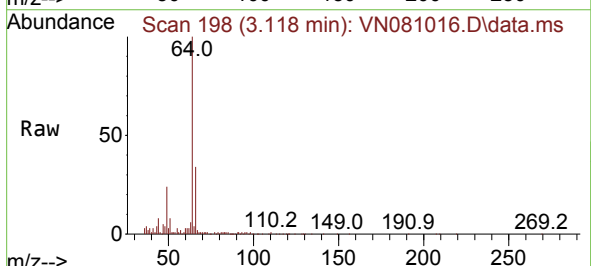
Instrument :
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ClientSampleId :
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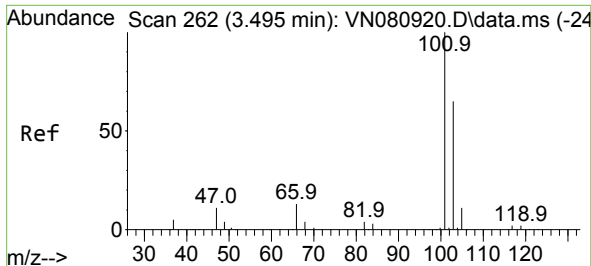
Tgt Ion: 94 Resp: 189051
Ion Ratio Lower Upper
94 100
96 92.2 69.2 103.8



#6
Chloroethane
Concen: 32.596 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 64 Resp: 236422
Ion Ratio Lower Upper
64 100
66 33.5 26.4 39.6

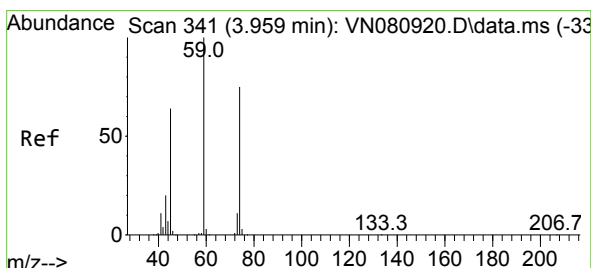
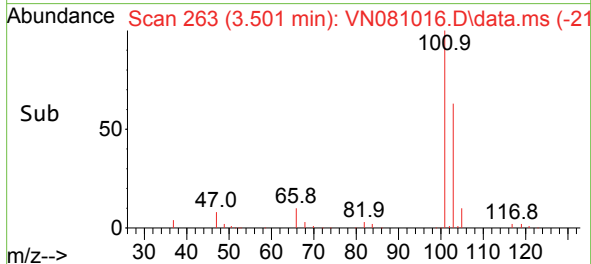
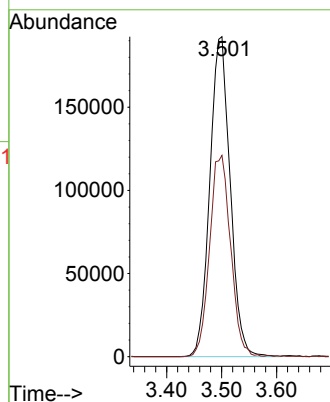
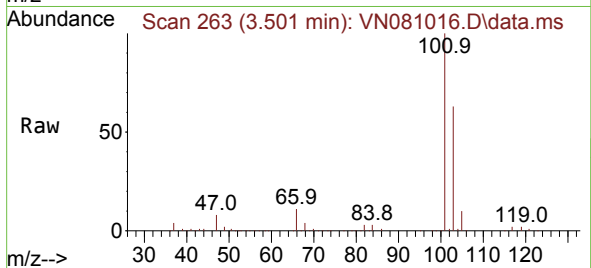




#7
Trichlorofluoromethane
Concen: 36.763 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

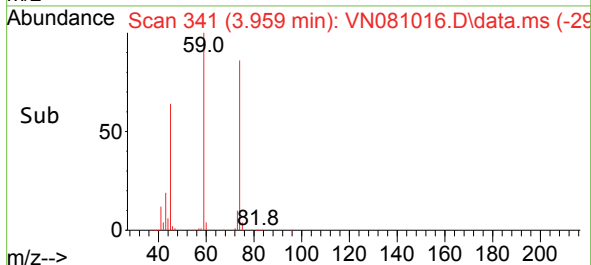
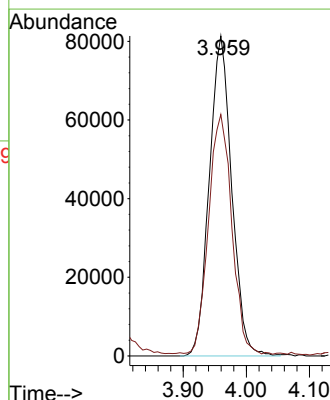
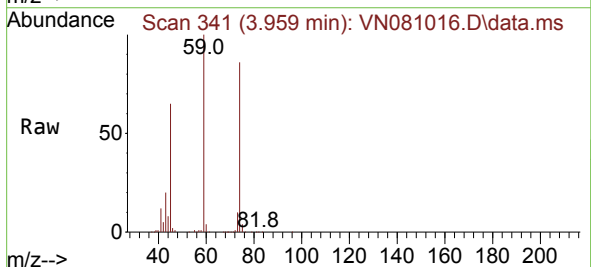
Instrument :
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VSTDCCC050EC

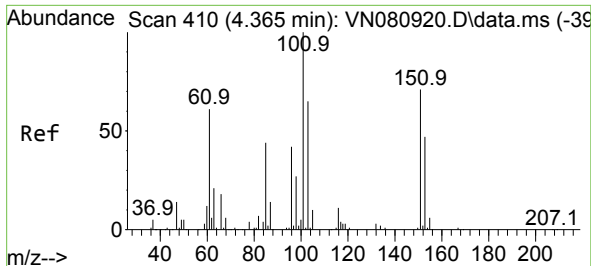
Tgt Ion:101 Resp: 495083
Ion Ratio Lower Upper
101 100
103 62.9 54.4 81.6



#8
Diethyl Ether
Concen: 41.762 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 74 Resp: 200932
Ion Ratio Lower Upper
74 100
45 77.8 53.3 159.9

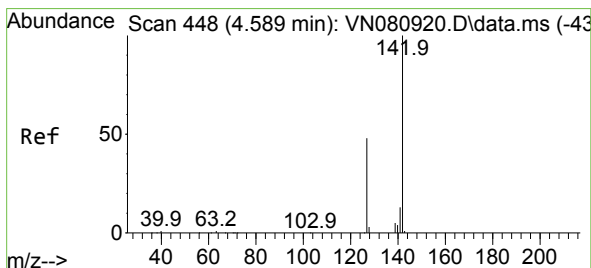
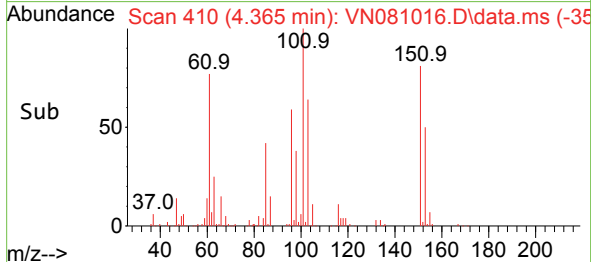
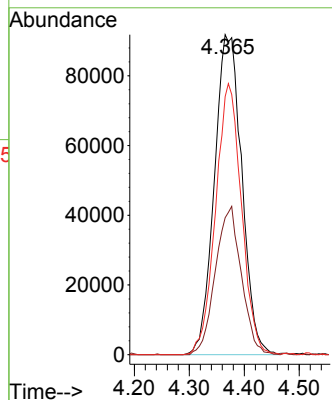
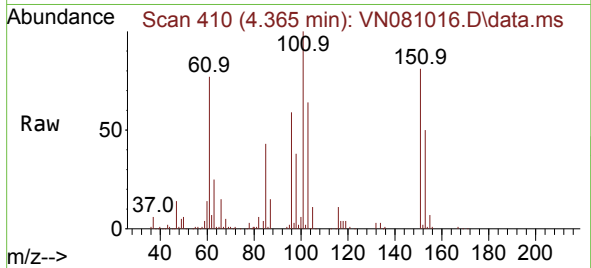




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.953 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

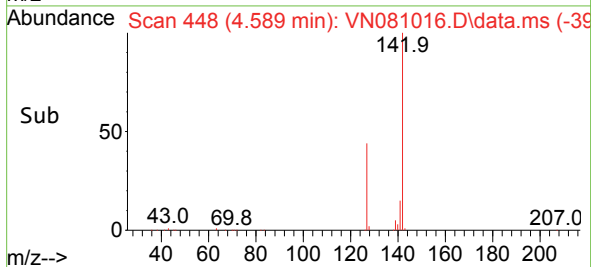
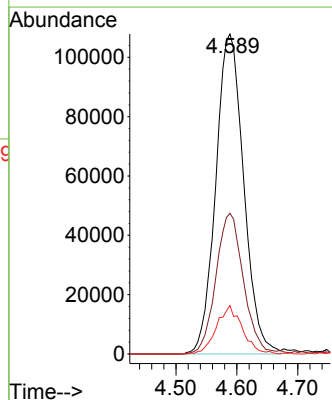
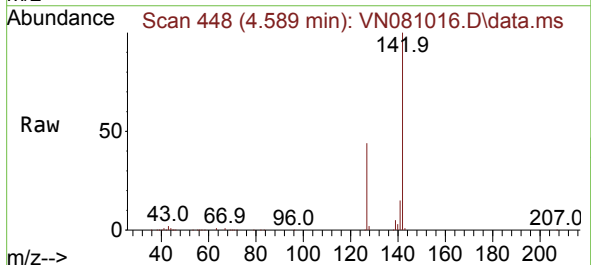
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

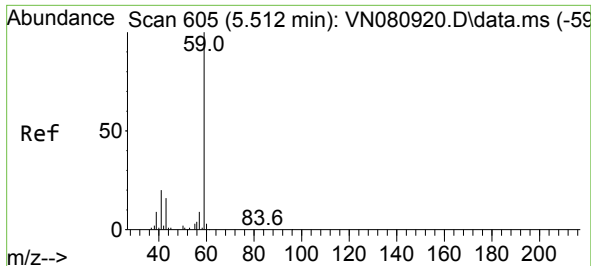
Tgt Ion:101 Resp: 317809
Ion Ratio Lower Upper
101 100
85 43.8 38.1 57.1
151 80.1 49.1 73.7#



#10
Methyl Iodide
Concen: 46.909 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion:142 Resp: 343653
Ion Ratio Lower Upper
142 100
127 44.0 37.0 55.4
141 15.2 12.5 18.7

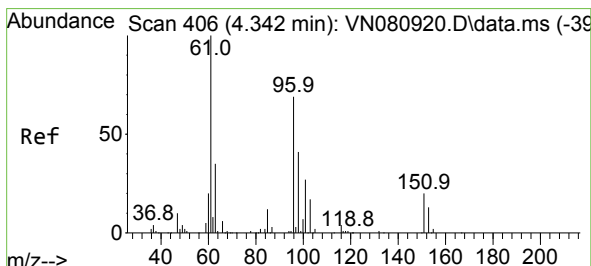
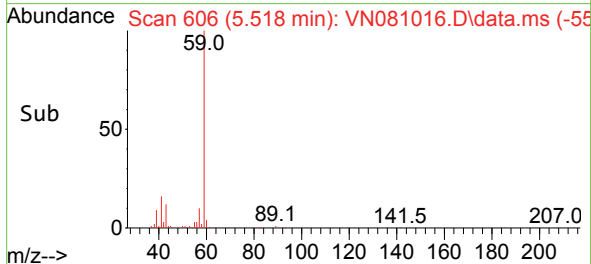
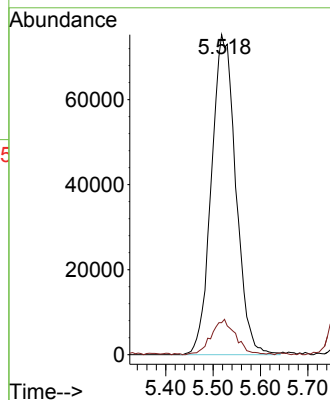
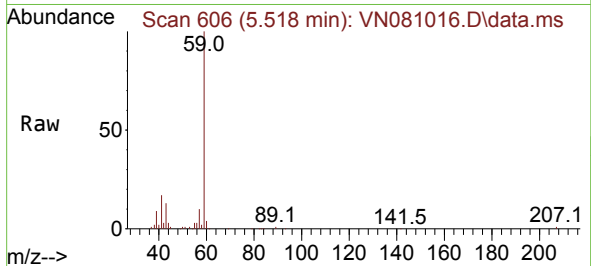




#11
Tert butyl alcohol
Concen: 222.659 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

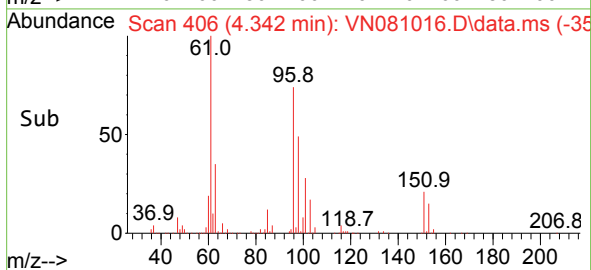
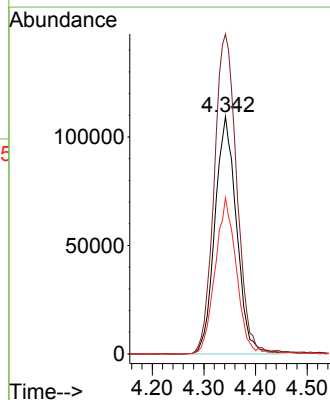
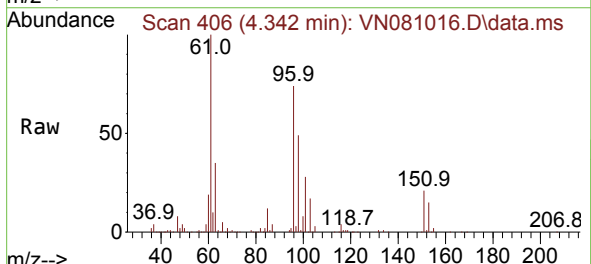
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

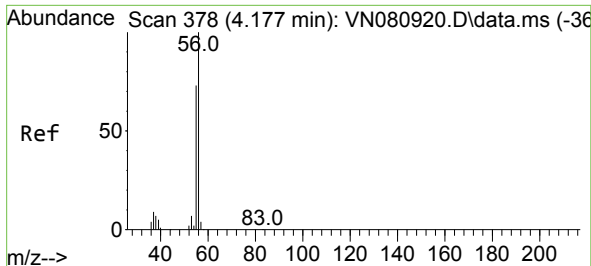
Tgt Ion: 59 Resp: 269016
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 42.721 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 96 Resp: 318371
Ion Ratio Lower Upper
96 100
61 134.7 138.2 207.4#
98 65.8 49.2 73.8





#13

Acrolein

Concen: 222.349 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

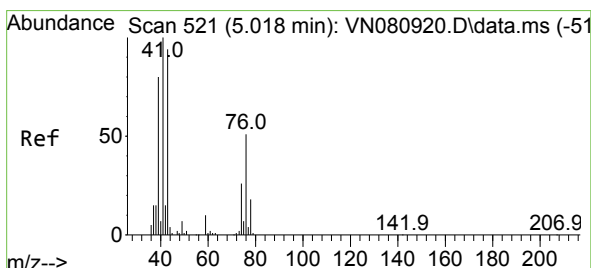
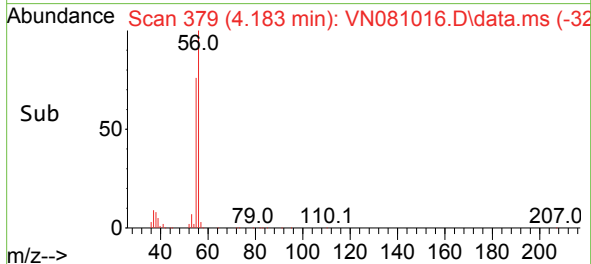
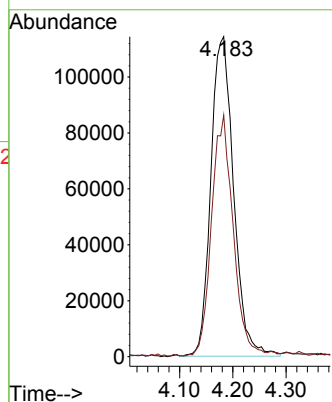
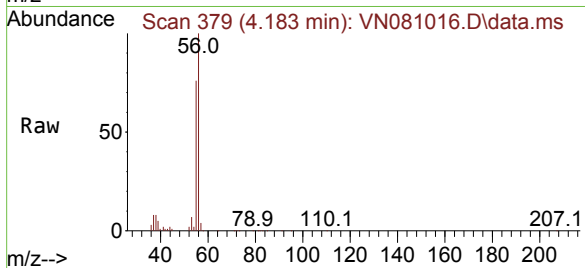
VSTDCCC050EC

Tgt Ion: 56 Resp: 338587

Ion Ratio Lower Upper

56 100

55 71.6 55.3 82.9



#14

Allyl chloride

Concen: 34.462 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

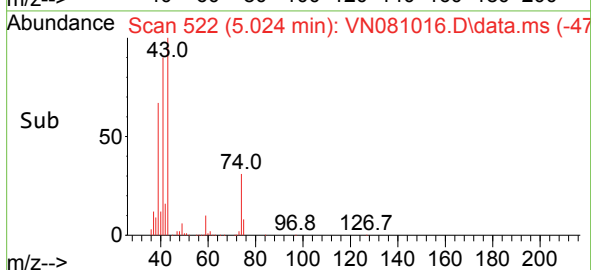
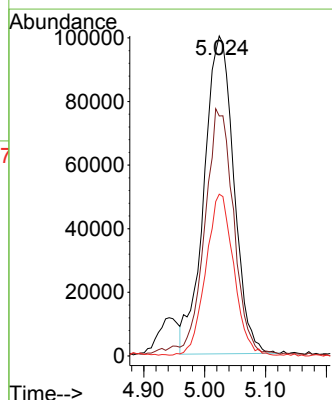
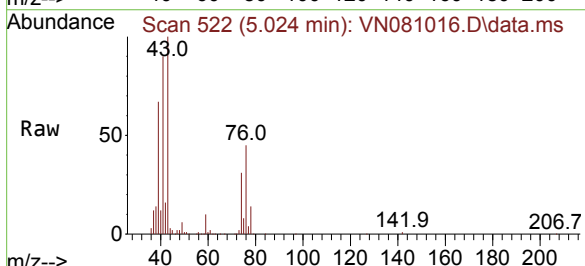
Tgt Ion: 41 Resp: 340287

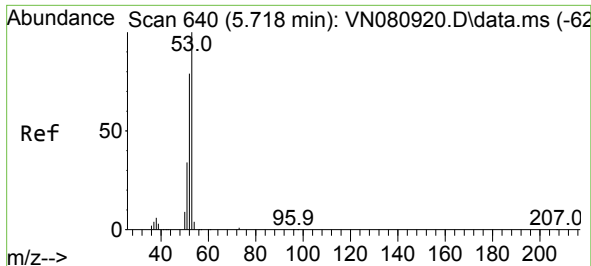
Ion Ratio Lower Upper

41 100

39 75.3 57.7 86.5

76 47.2 26.8 40.2#

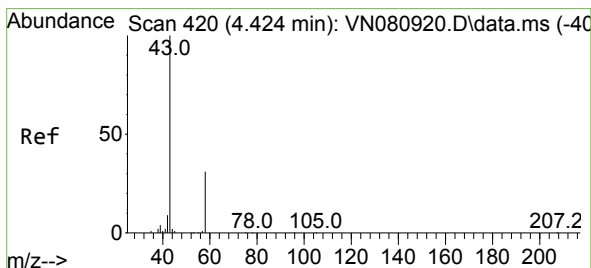
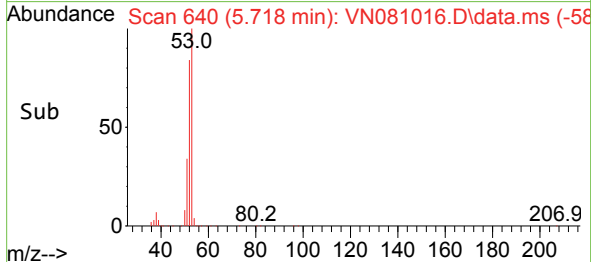
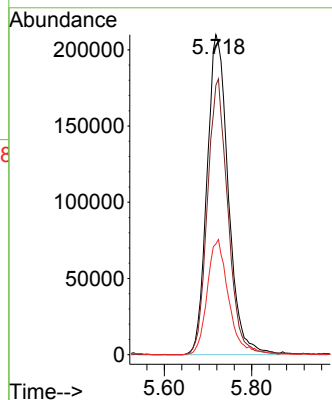
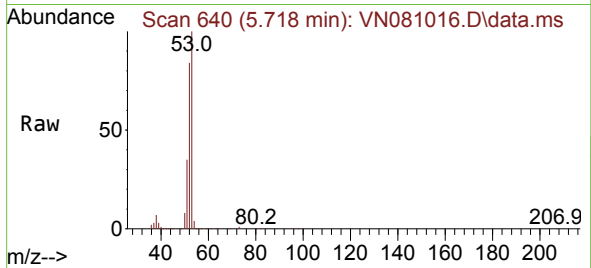




#15
Acrylonitrile
Concen: 215.401 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

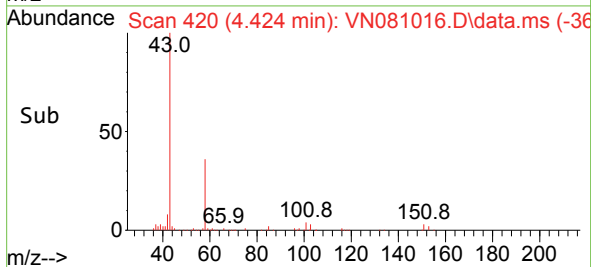
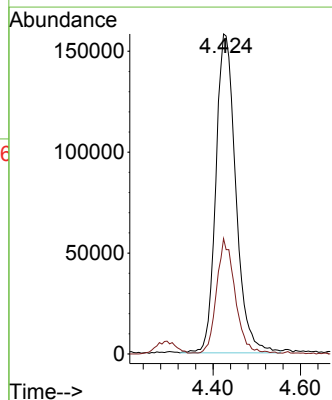
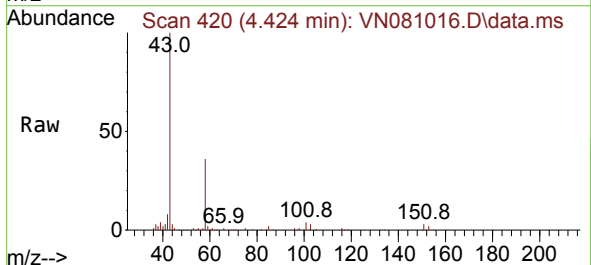
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

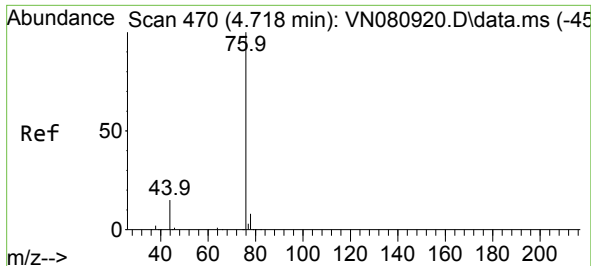
Tgt Ion: 53 Resp: 711370
Ion Ratio Lower Upper
53 100
52 82.1 64.8 97.2
51 36.4 26.9 40.3



#16
Acetone
Concen: 172.990 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 43 Resp: 499068
Ion Ratio Lower Upper
43 100
58 35.9 24.8 37.2

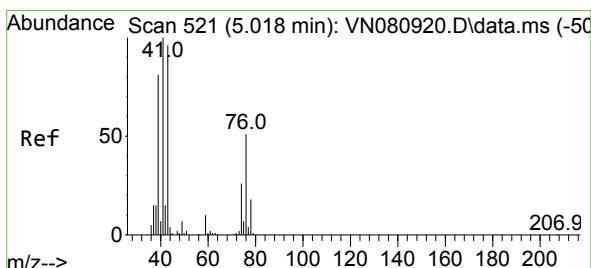
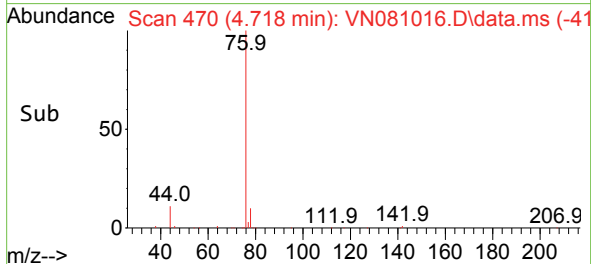
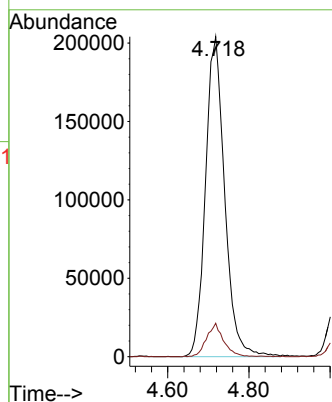
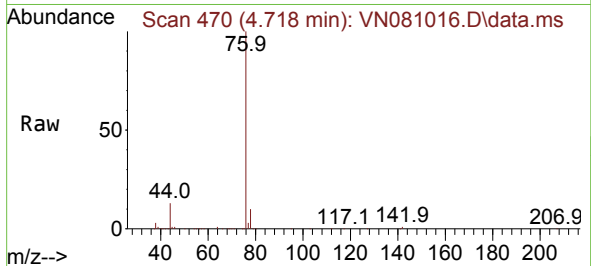




#17
Carbon Disulfide
Concen: 35.542 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

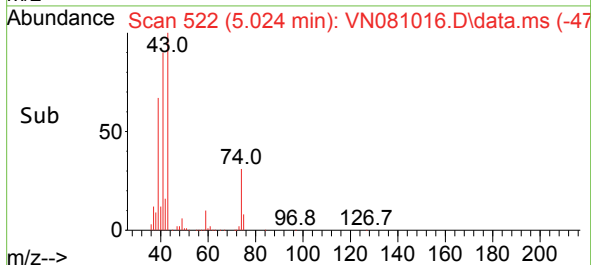
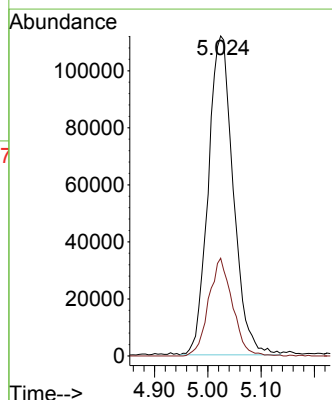
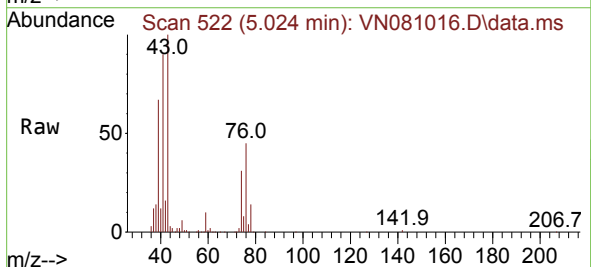
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

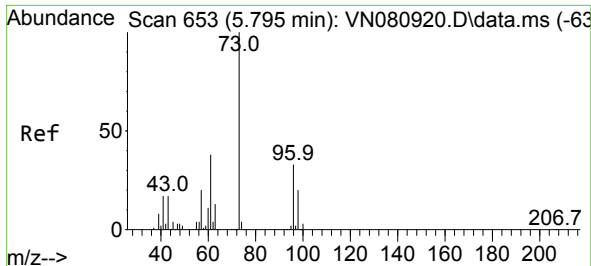
Tgt Ion: 76 Resp: 668091
Ion Ratio Lower Upper
76 100
78 10.5 6.3 9.5#



#18
Methyl Acetate
Concen: 42.340 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 43 Resp: 364951
Ion Ratio Lower Upper
43 100
74 29.1 17.3 25.9#

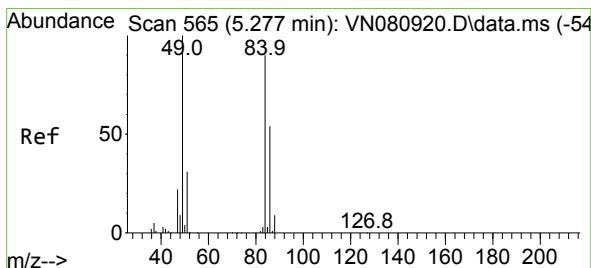
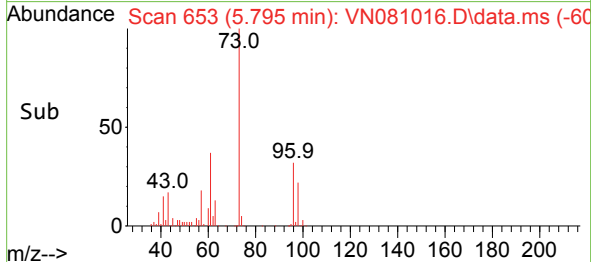
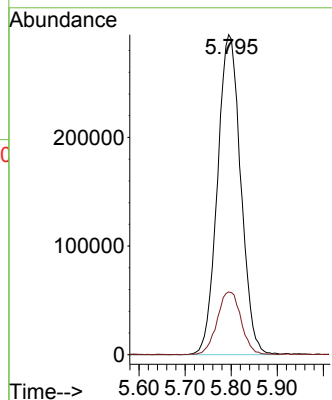
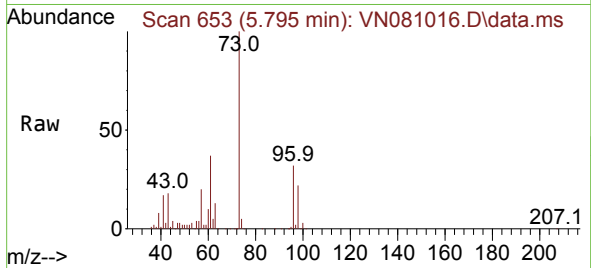




#19
Methyl tert-butyl Ether
Concen: 41.588 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

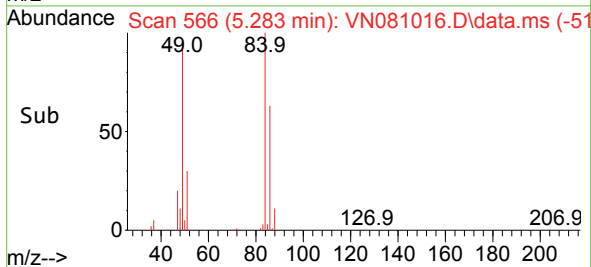
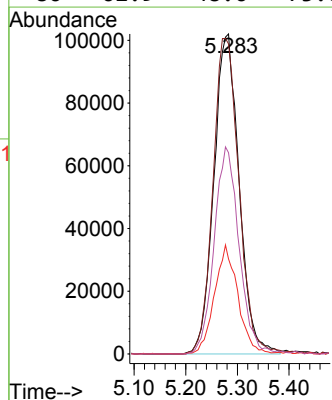
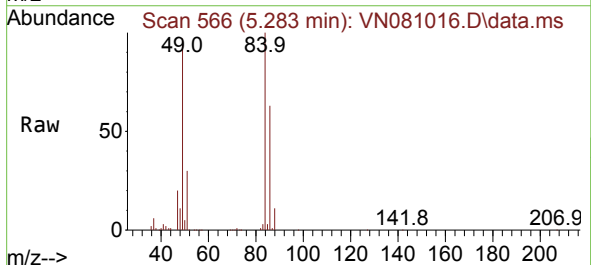
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

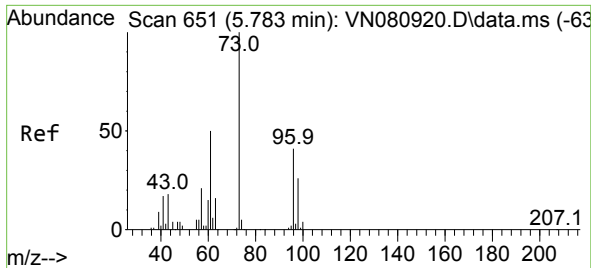
Tgt Ion: 73 Resp: 1032359
Ion Ratio Lower Upper
73 100
57 19.6 18.2 27.4



#20
Methylene Chloride
Concen: 39.664 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 84 Resp: 346683
Ion Ratio Lower Upper
84 100
49 96.9 108.1 162.1#
51 29.7 32.9 49.3#
86 62.9 48.6 73.0

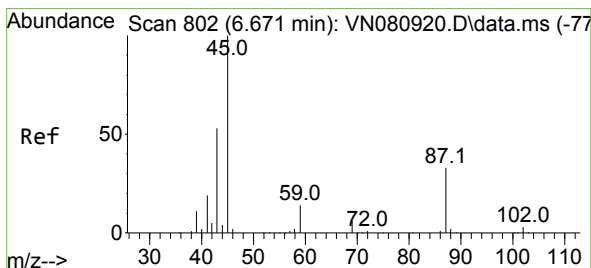
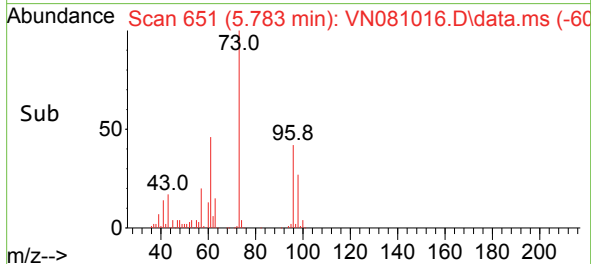
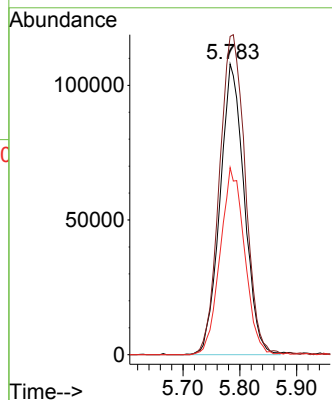
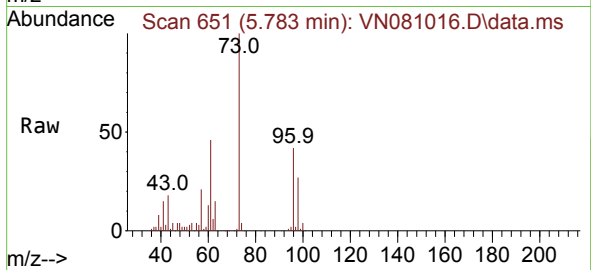




#21
trans-1,2-Dichloroethene
Concen: 38.269 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

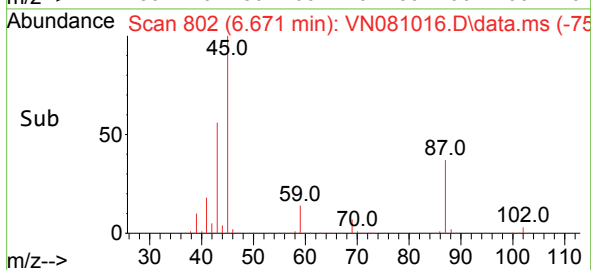
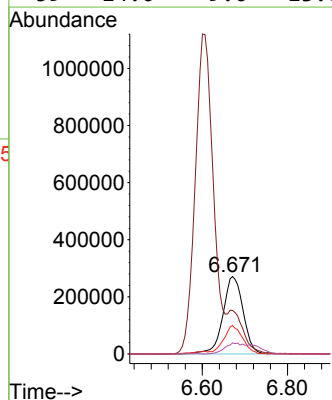
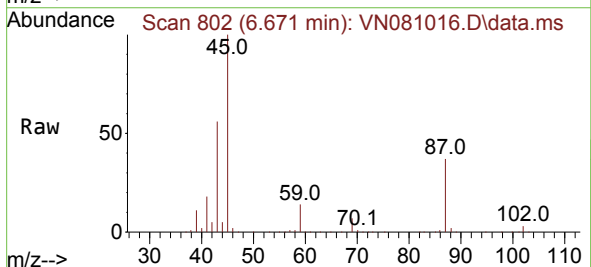
Instrument :
MSVOA_N
ClientSampleId :
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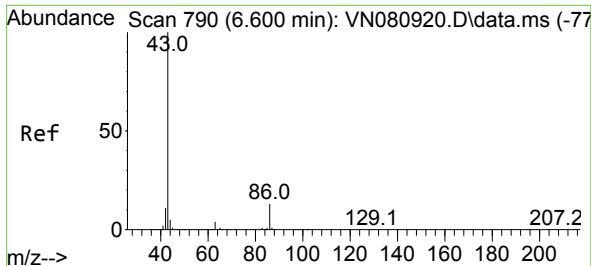
Tgt Ion: 96 Resp: 320144
Ion Ratio Lower Upper
96 100
61 109.5 112.8 169.2#
98 64.3 51.0 76.4



#22
Diisopropyl ether
Concen: 38.913 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 45 Resp: 890630
Ion Ratio Lower Upper
45 100
43 55.3 41.8 62.8
87 36.7 18.1 27.1#
59 14.0 9.0 13.6#

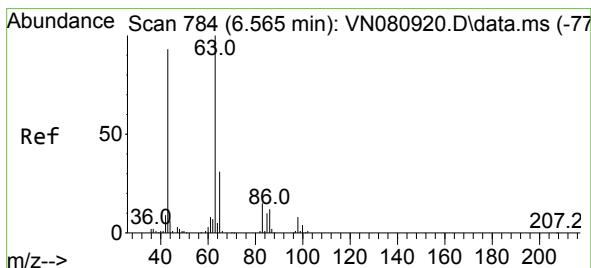
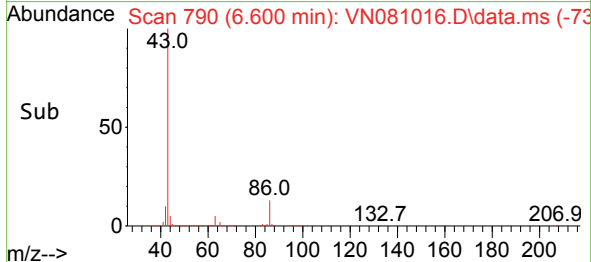
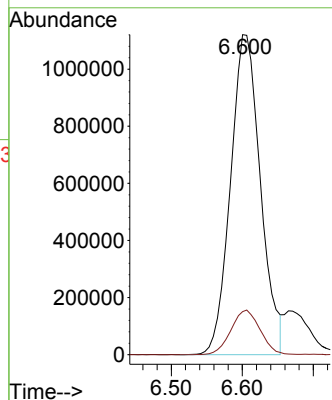
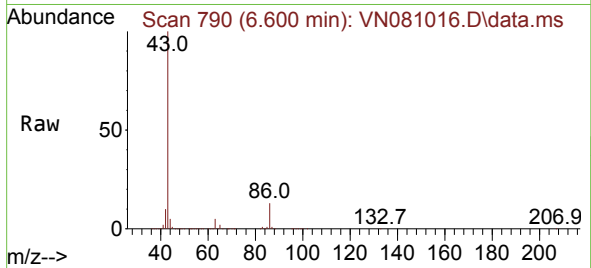




#23
 Vinyl Acetate
 Concen: 217.889 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081016.D
 Acq: 12 Feb 2024 20:20

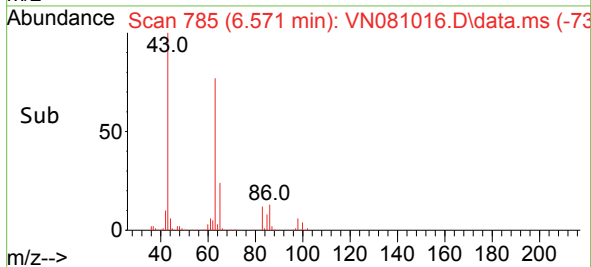
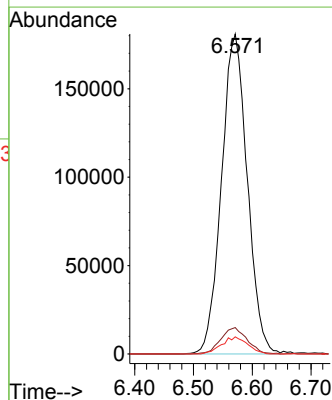
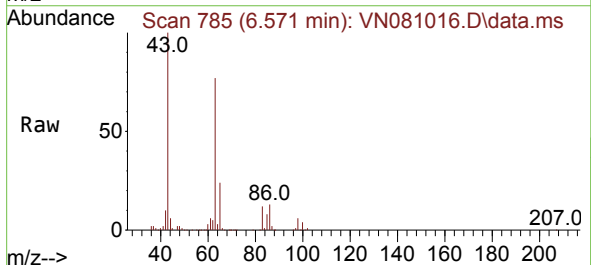
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

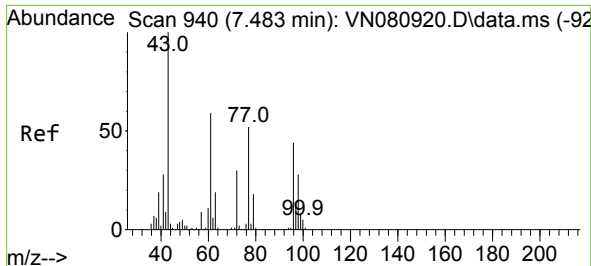
Tgt Ion: 43 Resp: 3286121
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 36.943 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081016.D
 Acq: 12 Feb 2024 20:20

Tgt Ion: 63 Resp: 550649
 Ion Ratio Lower Upper
 63 100
 98 8.2 2.9 8.6
 100 5.4 1.9 5.7

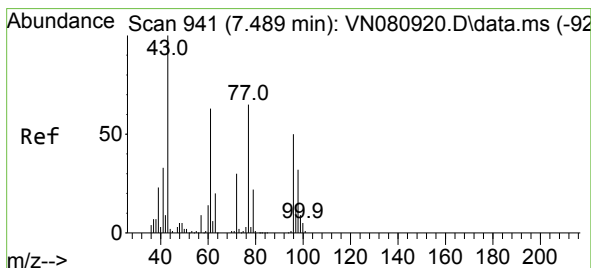
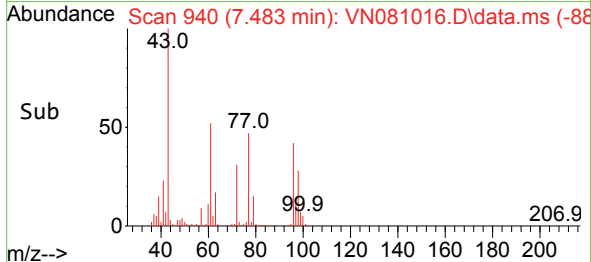
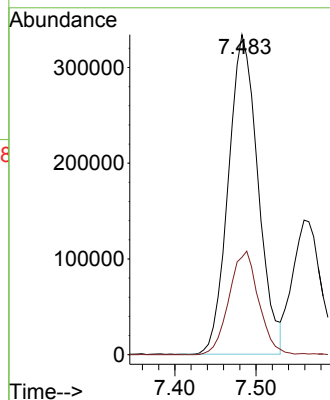
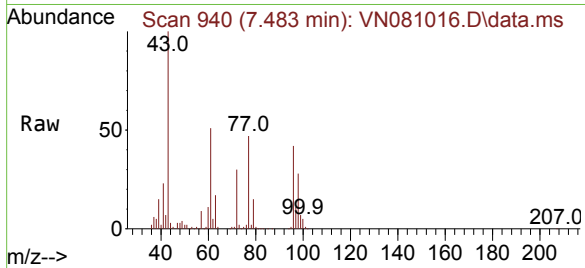




#25
2-Butanone
Concen: 183.075 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

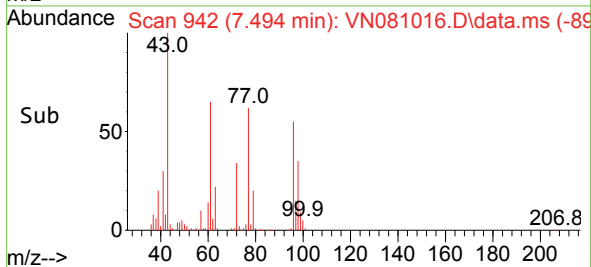
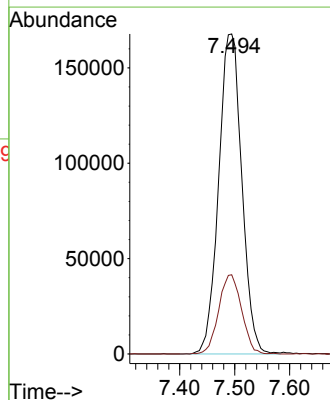
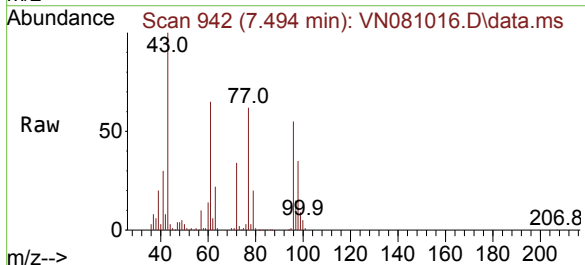
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

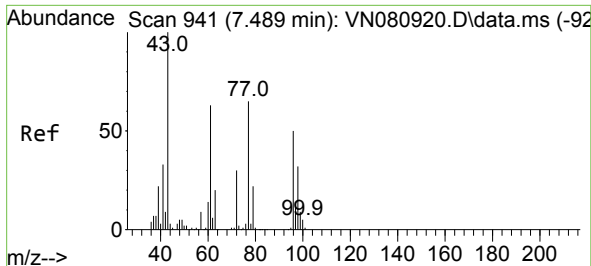
Tgt Ion: 43 Resp: 847741
Ion Ratio Lower Upper
43 100
72 30.5 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 36.018 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 77 Resp: 490930
Ion Ratio Lower Upper
77 100
97 24.4 11.5 34.5

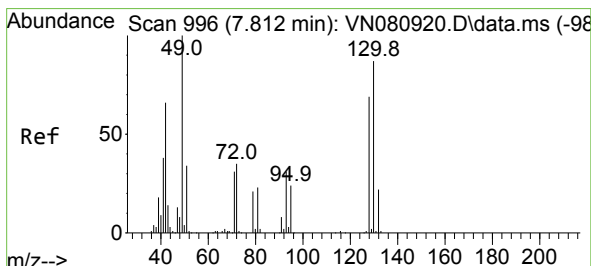
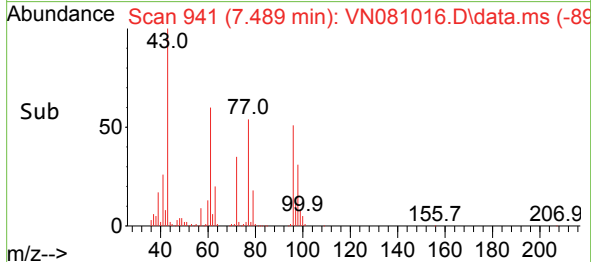
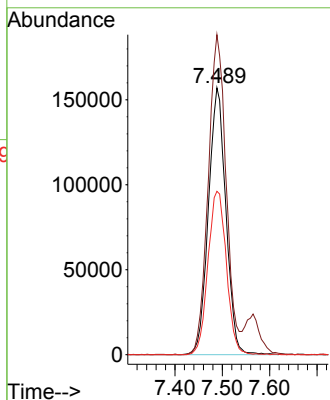
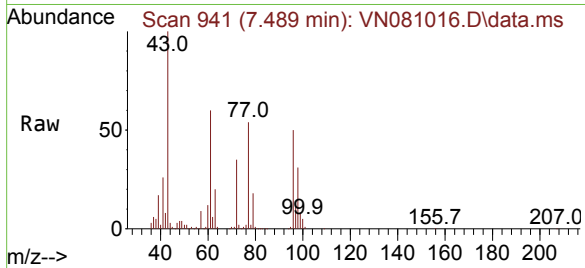




#27
 cis-1,2-Dichloroethene
 Concen: 41.473 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081016.D
 Acq: 12 Feb 2024 20:20

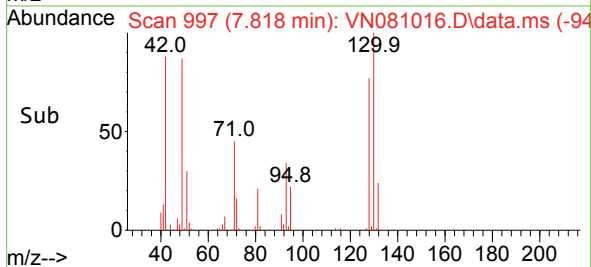
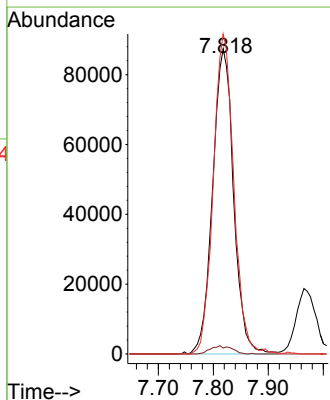
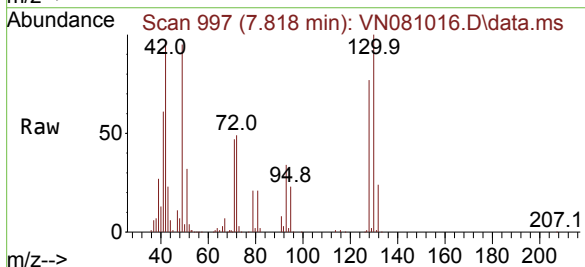
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

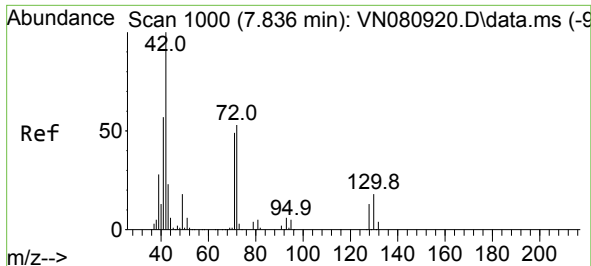
Tgt Ion: 96 Resp: 403143
 Ion Ratio Lower Upper
 96 100
 61 122.4 0.0 325.4
 98 64.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 37.327 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081016.D
 Acq: 12 Feb 2024 20:20

Tgt Ion: 49 Resp: 231511
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 1.6#
 130 102.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 195.084 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

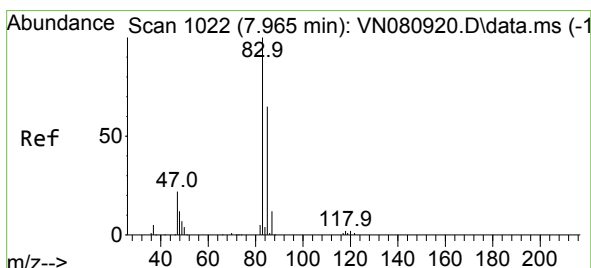
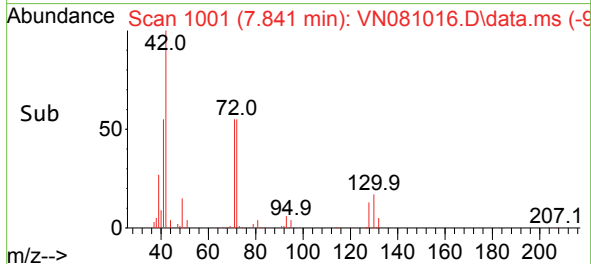
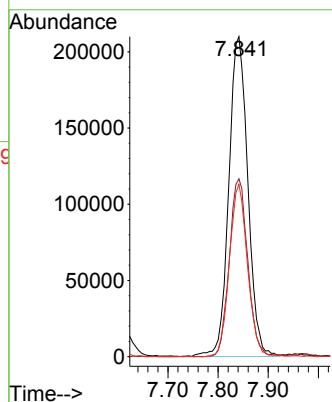
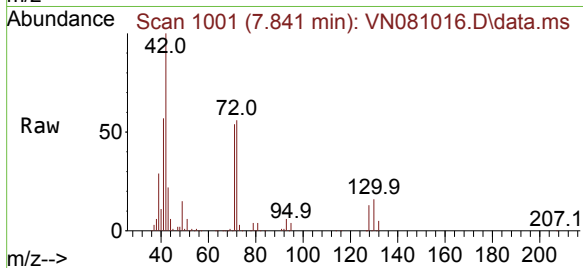
Tgt Ion: 42 Resp: 552303

Ion Ratio Lower Upper

42 100

72 54.3 31.1 46.7#

71 51.4 28.3 42.5#



#30

Chloroform

Concen: 40.361 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081016.D

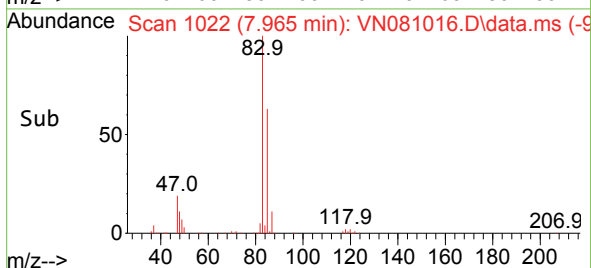
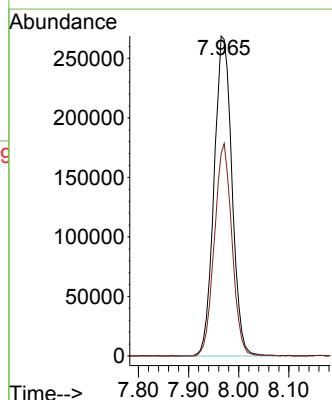
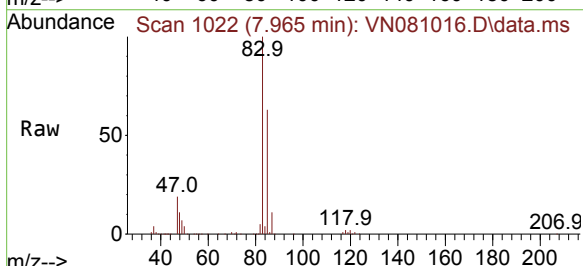
Acq: 12 Feb 2024 20:20

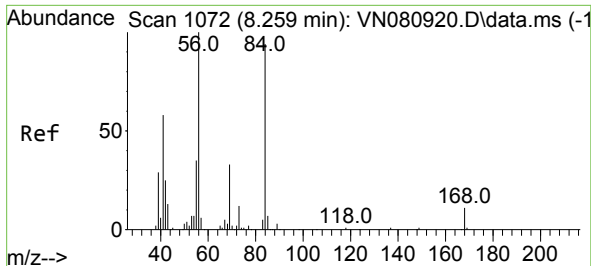
Tgt Ion: 83 Resp: 664857

Ion Ratio Lower Upper

83 100

85 63.3 51.0 76.6

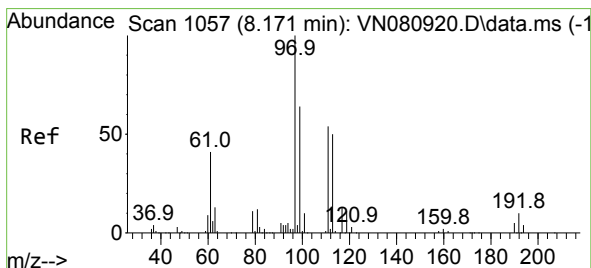
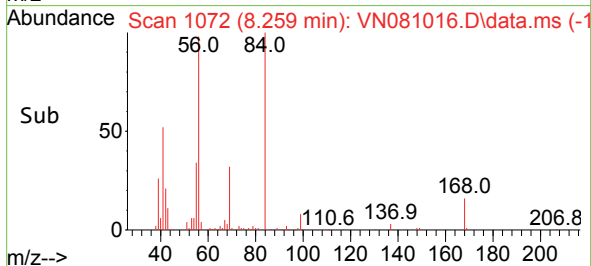
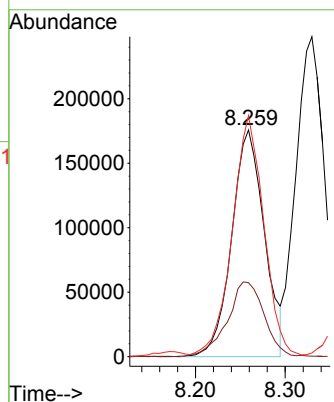
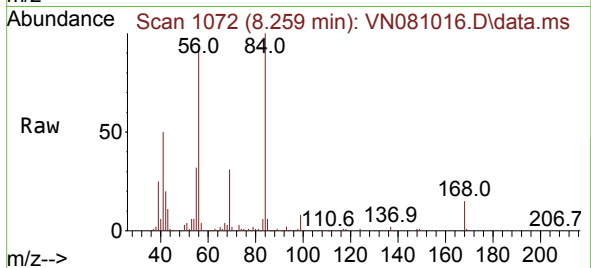




#31
Cyclohexane
Concen: 37.110 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

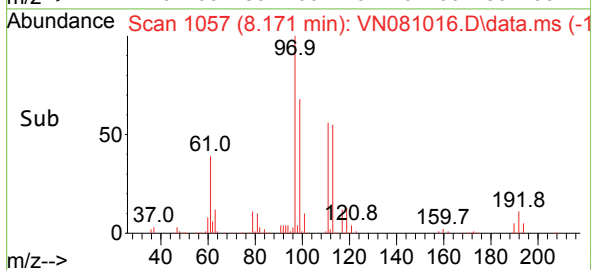
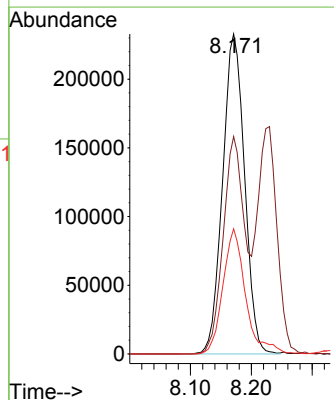
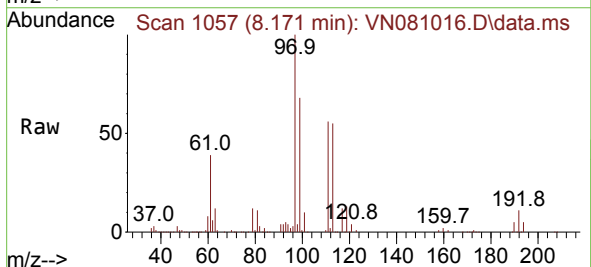
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

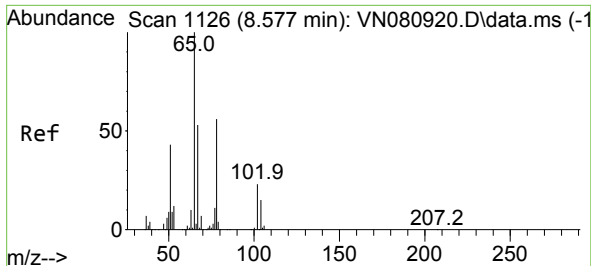
Tgt Ion: 56 Resp: 444747
Ion Ratio Lower Upper
56 100
69 32.5 20.1 30.1#
84 104.6 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 40.876 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 97 Resp: 583440
Ion Ratio Lower Upper
97 100
99 67.7 53.4 80.0
61 40.4 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 35.869 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

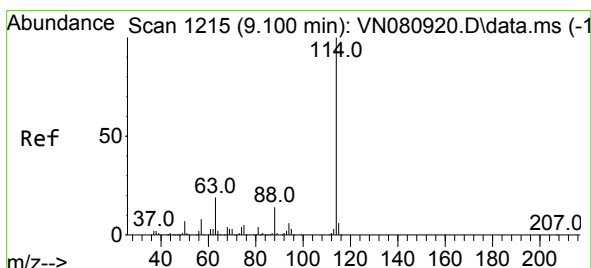
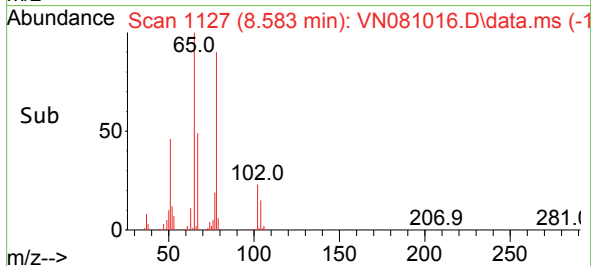
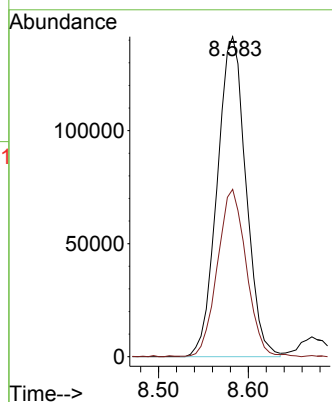
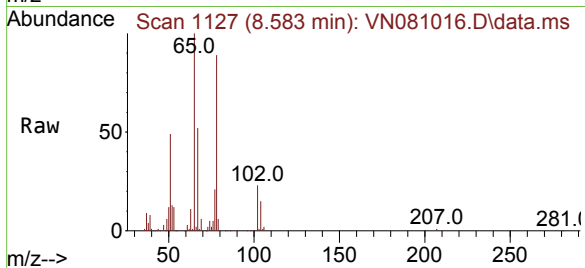
VSTDCCC050EC

Tgt Ion: 65 Resp: 314532

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

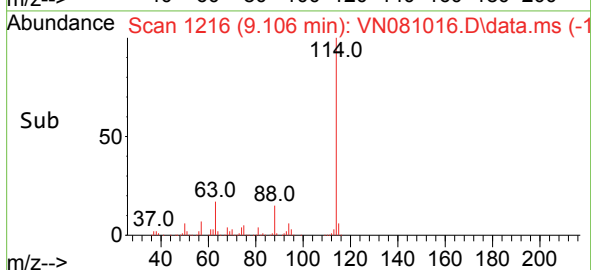
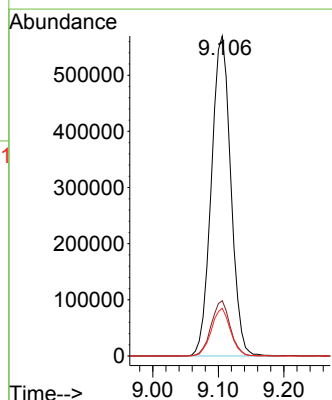
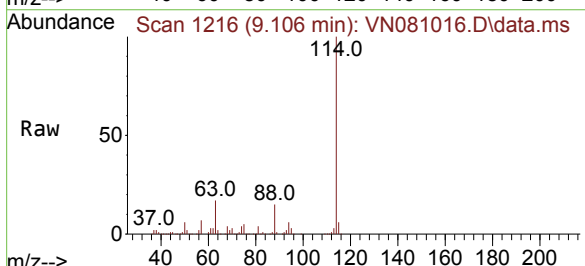
Tgt Ion: 114 Resp: 1172517

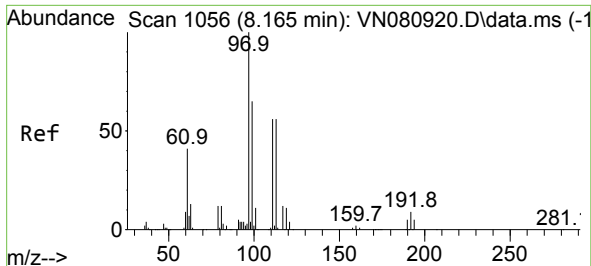
Ion Ratio Lower Upper

114 100

63 17.3 0.0 48.0

88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.339 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

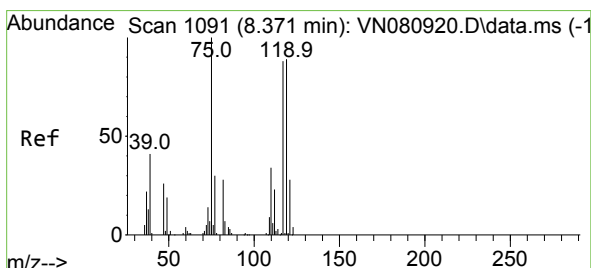
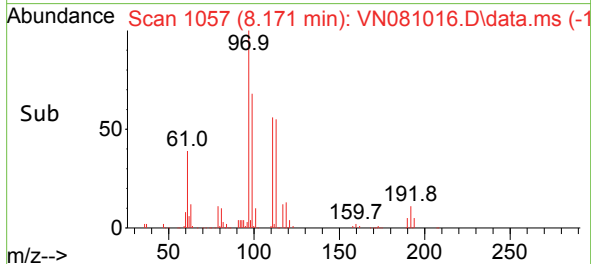
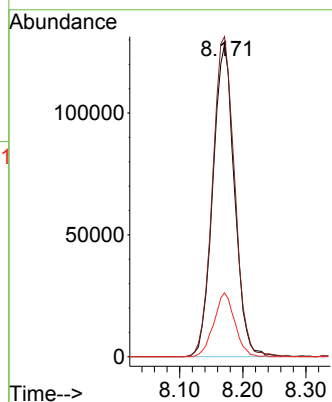
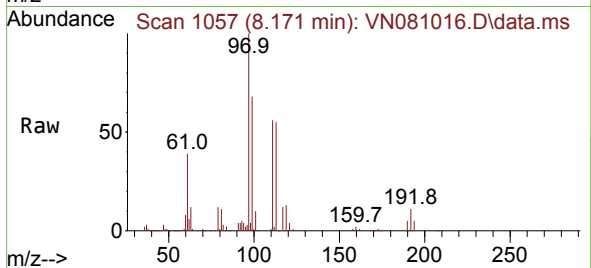
Tgt Ion:113 Resp: 304137

Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 19.9 12.5 18.7#



#36

1,1-Dichloropropene

Concen: 46.780 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

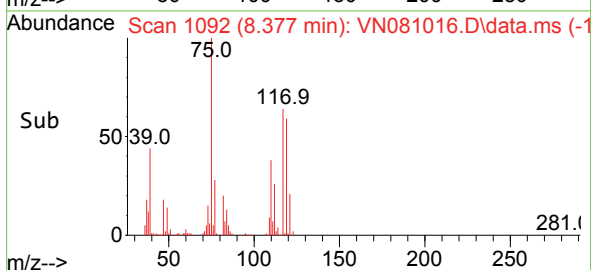
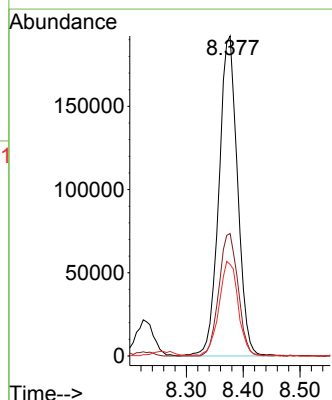
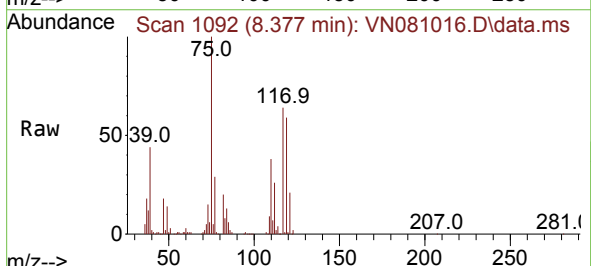
Tgt Ion: 75 Resp: 437862

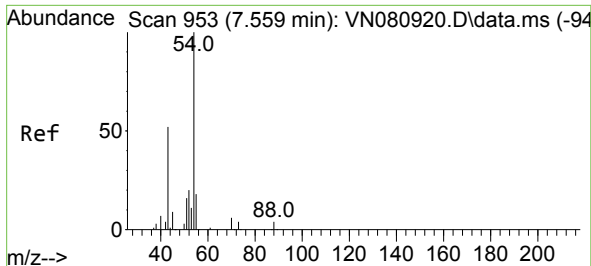
Ion Ratio Lower Upper

75 100

110 39.3 16.0 48.0

77 30.6 25.8 38.6

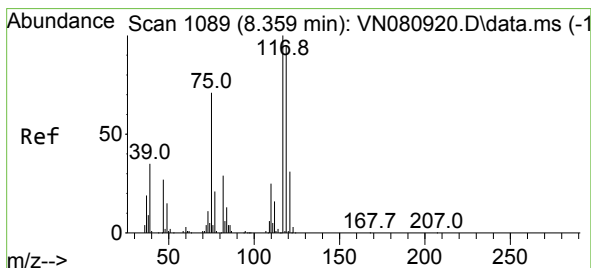
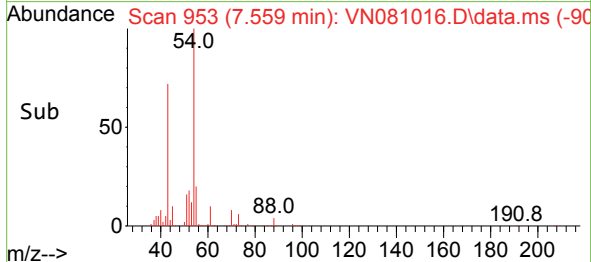
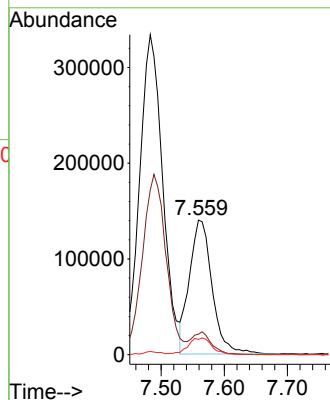
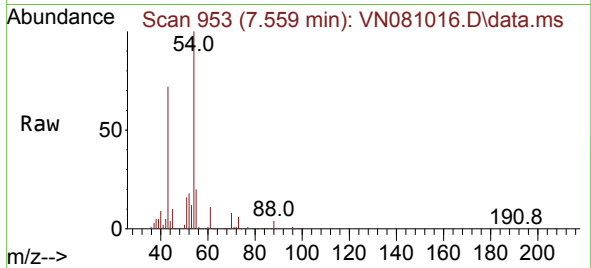




#37
Ethyl Acetate
Concen: 49.310 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

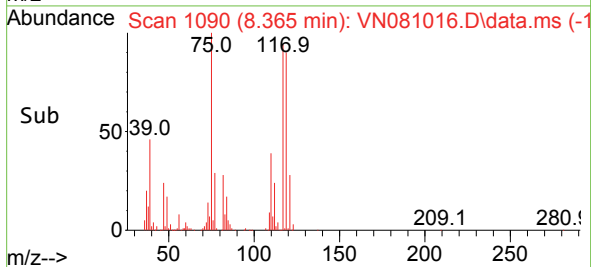
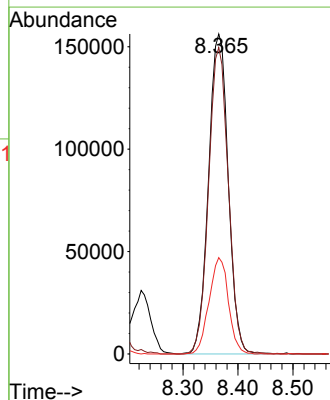
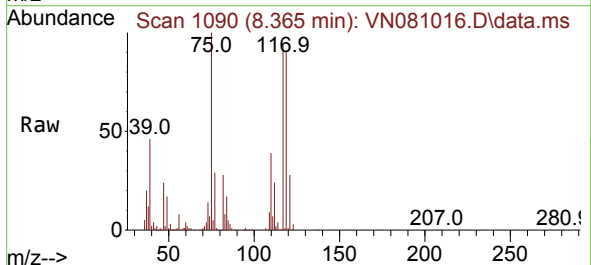
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

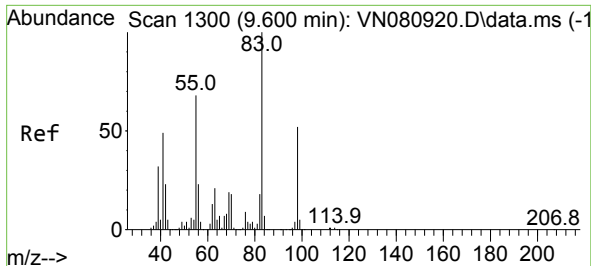
Tgt Ion: 43 Resp: 349232
Ion Ratio Lower Upper
43 100
61 14.6 10.6 15.8
70 12.6 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 40.553 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 117 Resp: 389106
Ion Ratio Lower Upper
117 100
119 95.7 73.4 110.2
121 30.1 24.4 36.6

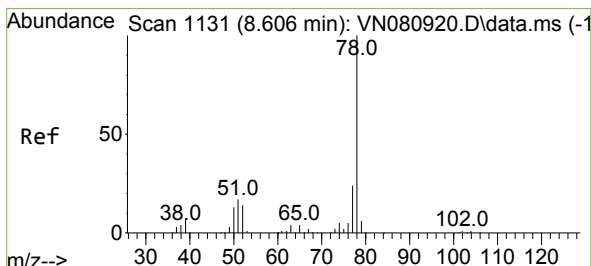
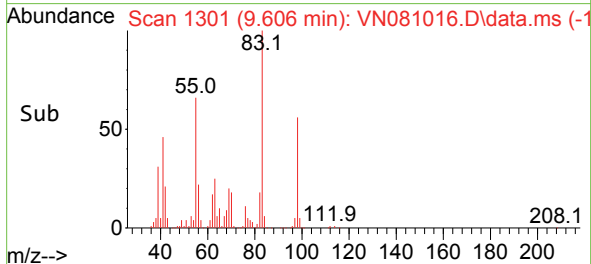
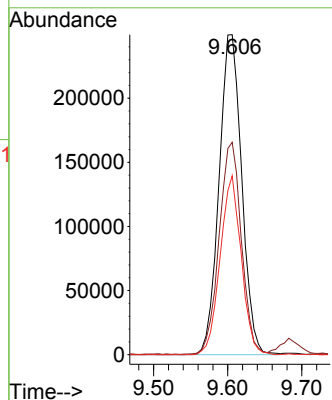
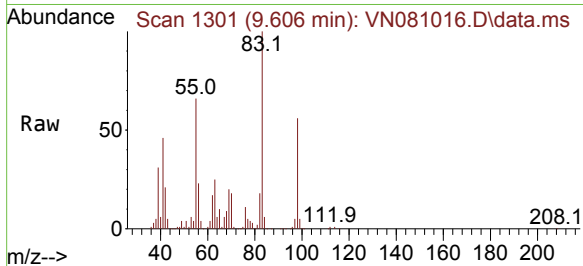




#39
Methylcyclohexane
Concen: 50.792 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

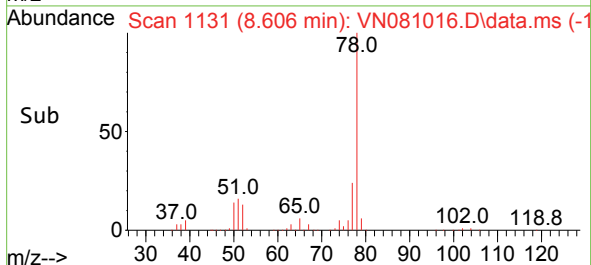
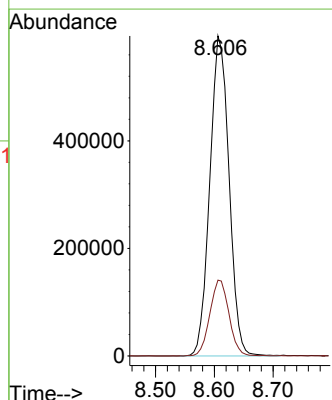
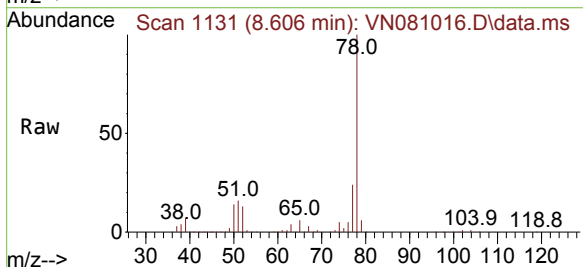
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

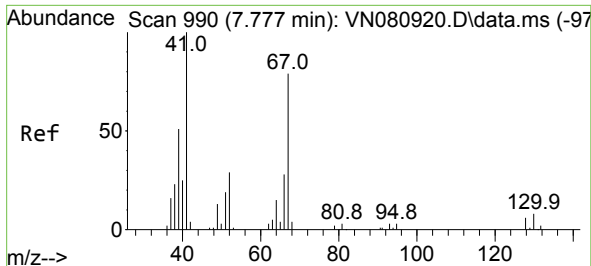
Tgt Ion: 83 Resp: 529869
Ion Ratio Lower Upper
83 100
55 66.3 65.7 98.5
98 55.9 33.8 50.6#



#40
Benzene
Concen: 47.514 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 78 Resp: 1353727
Ion Ratio Lower Upper
78 100
77 23.7 20.4 30.6



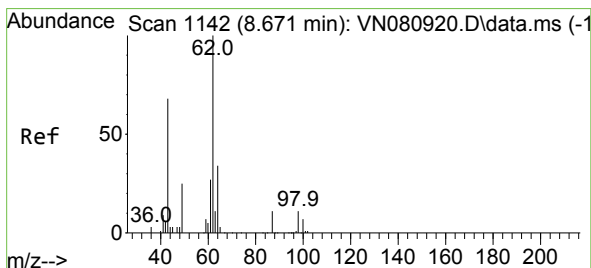
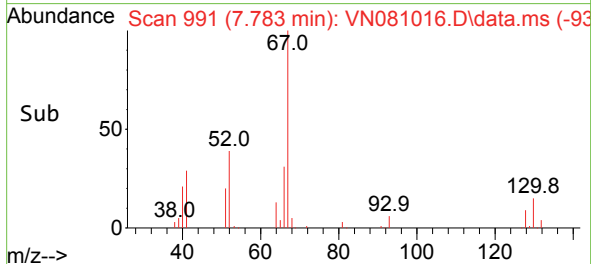
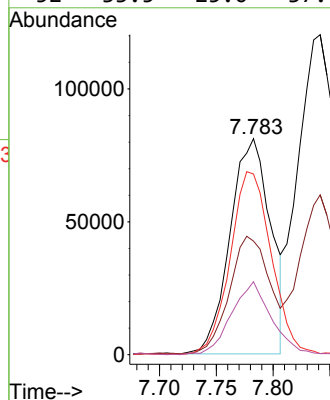
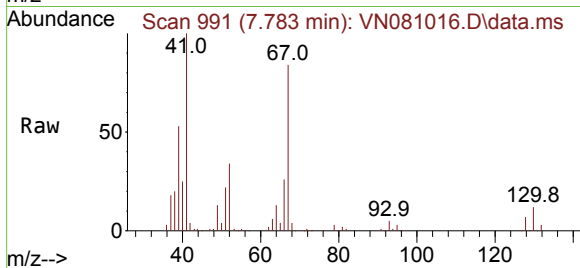


#41
Methacrylonitrile
Concen: 47.589 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 200860

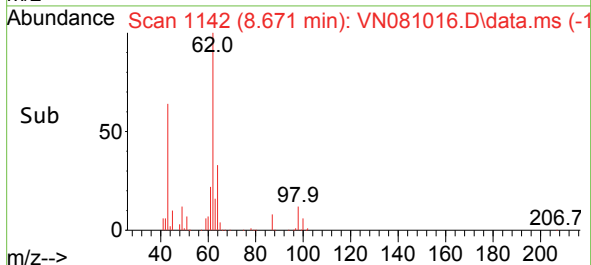
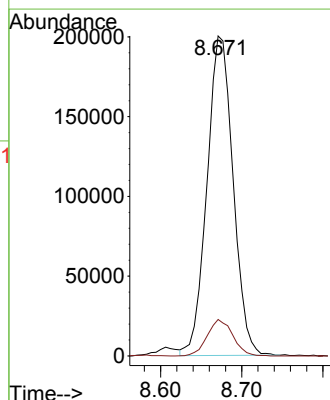
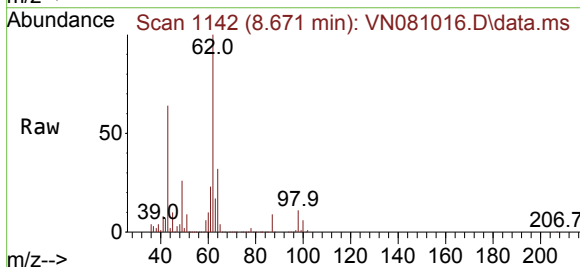
Ion	Ratio	Lower	Upper
41	100		
39	54.5	48.4	72.6
67	85.9	56.8	85.2
52	33.5	25.0	37.4

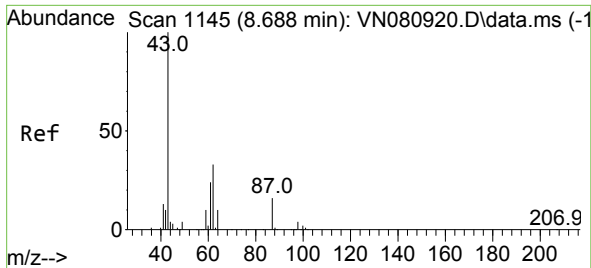


#42
1,2-Dichloroethane
Concen: 45.193 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 62 Resp: 448318

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	18.0

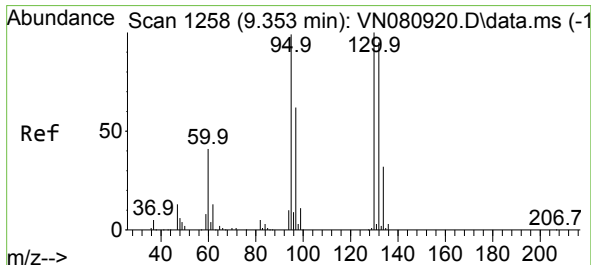
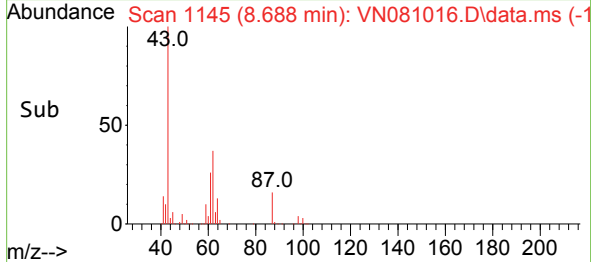
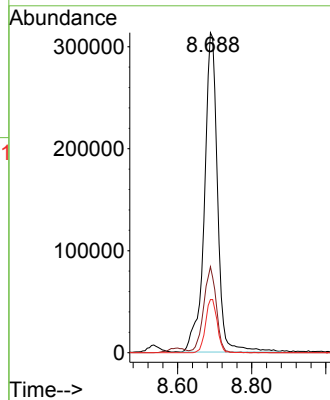
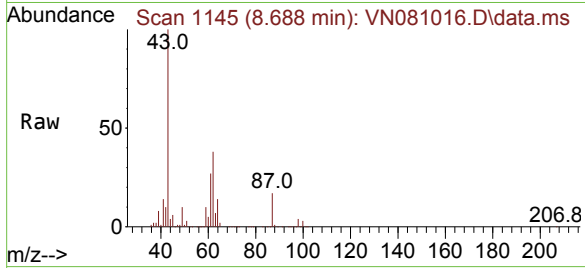




#43
Isopropyl Acetate
Concen: 59.450 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

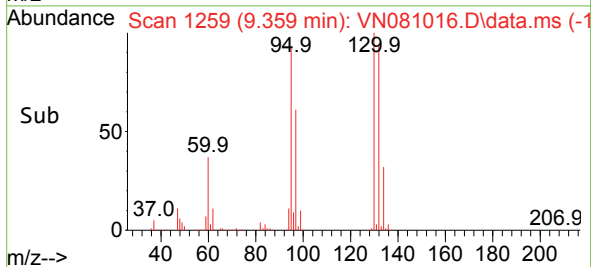
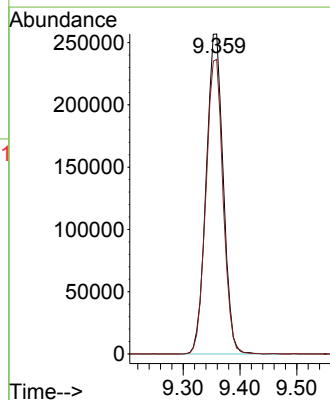
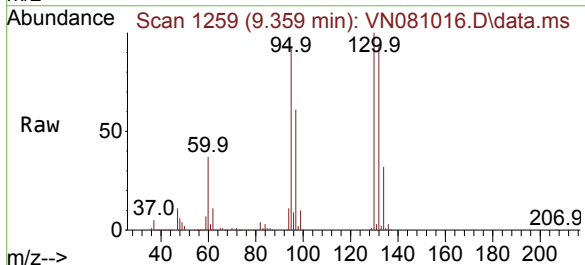
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

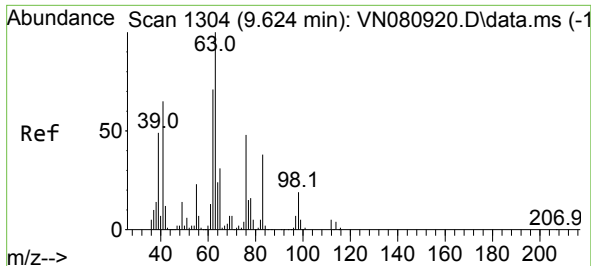
Tgt Ion: 43 Resp: 774246
Ion Ratio Lower Upper
43 100
61 25.4 19.9 29.9
87 14.6 9.0 13.6#



#44
Trichloroethene
Concen: 61.705 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion:130 Resp: 534000
Ion Ratio Lower Upper
130 100
95 92.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 43.182 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

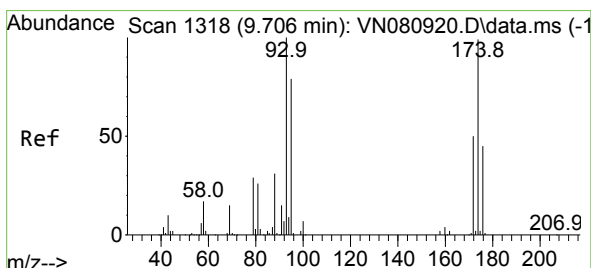
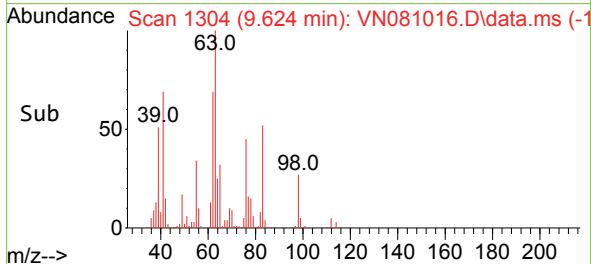
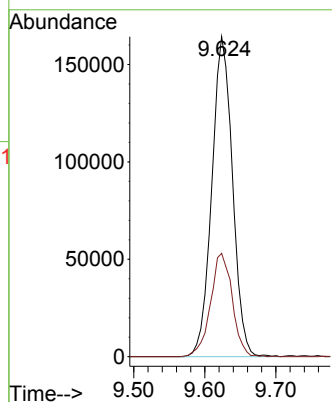
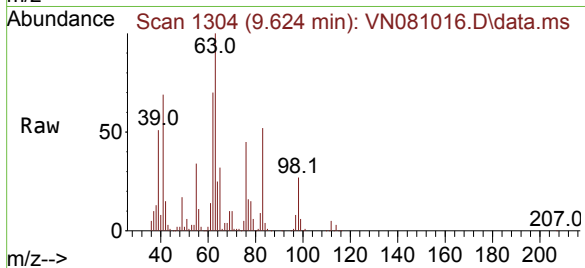
VSTDCCC050EC

Tgt Ion: 63 Resp: 331952

Ion Ratio Lower Upper

63 100

65 32.3 26.1 39.1



#46

Dibromomethane

Concen: 46.399 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

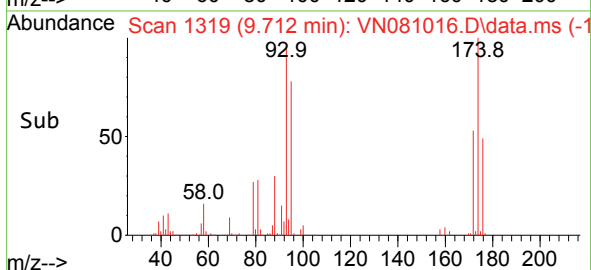
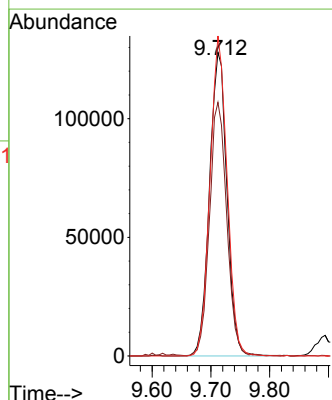
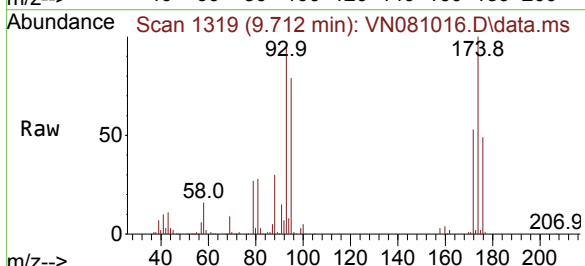
Tgt Ion: 93 Resp: 263751

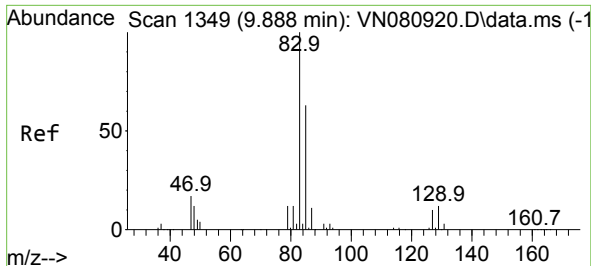
Ion Ratio Lower Upper

93 100

95 83.1 68.1 102.1

174 103.0 57.2 85.8

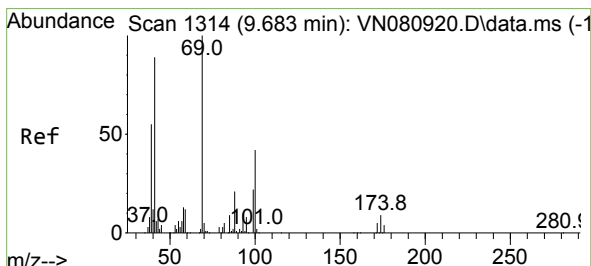
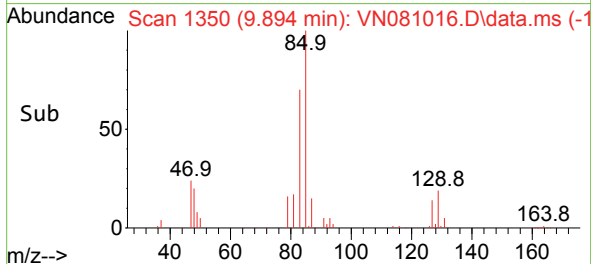
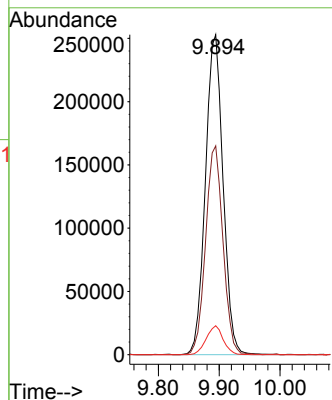
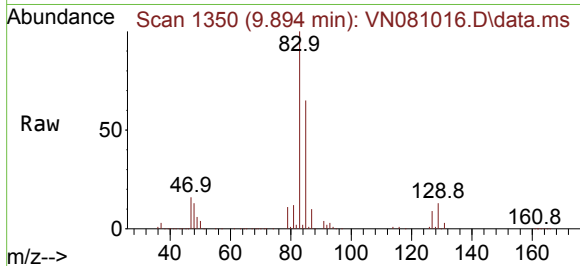




#47
Bromodichloromethane
Concen: 45.817 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

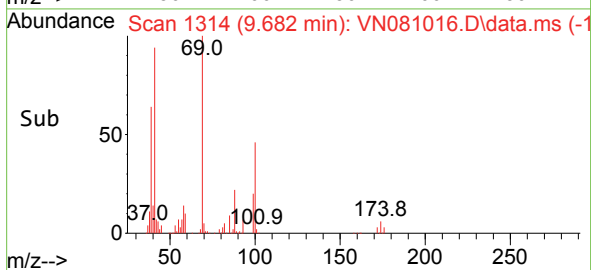
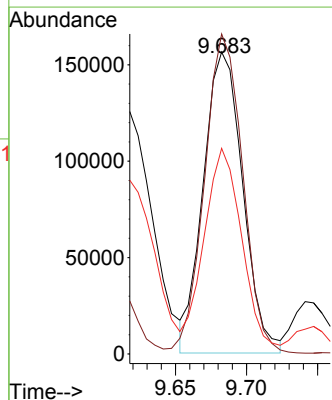
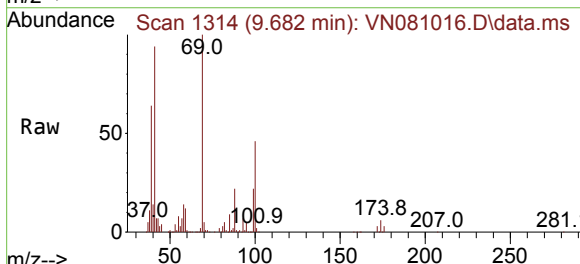
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

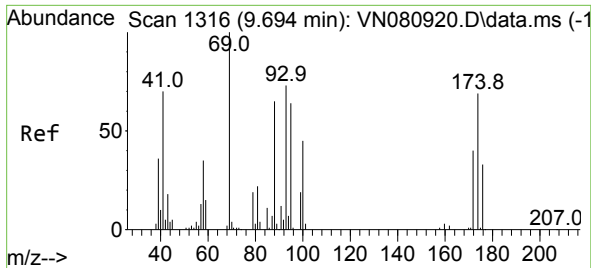
Tgt Ion: 83 Resp: 509419
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5
127 9.0 4.6 7.0#



#48
Methyl methacrylate
Concen: 41.154 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 41 Resp: 301974
Ion Ratio Lower Upper
41 100
69 102.6 62.2 93.2#
39 66.2 47.6 71.4

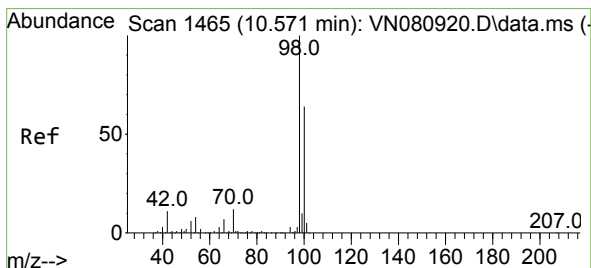
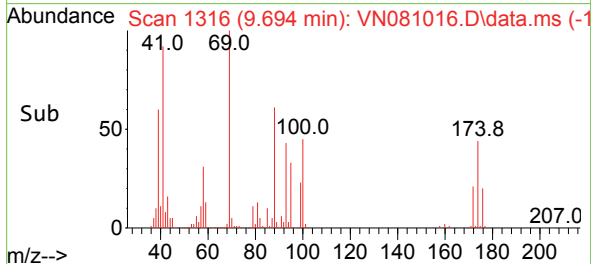
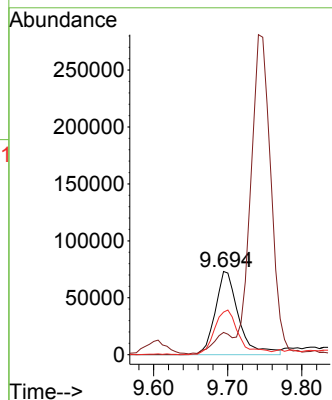
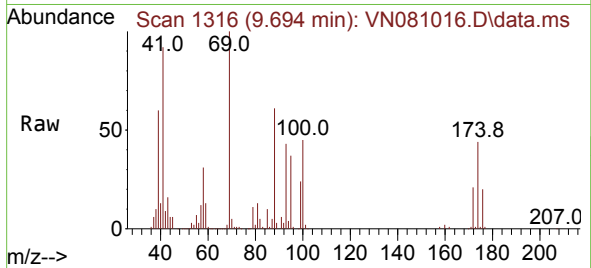




#49
1,4-Dioxane
Concen: 1177.948 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

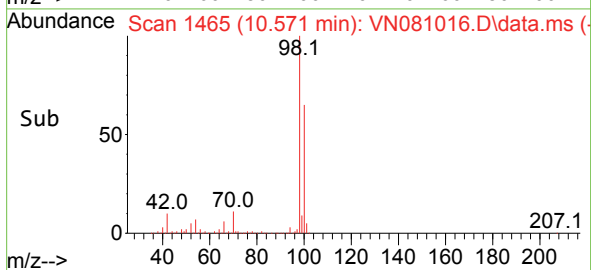
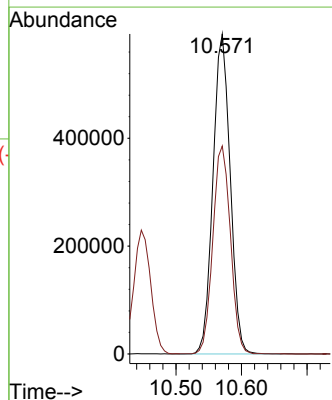
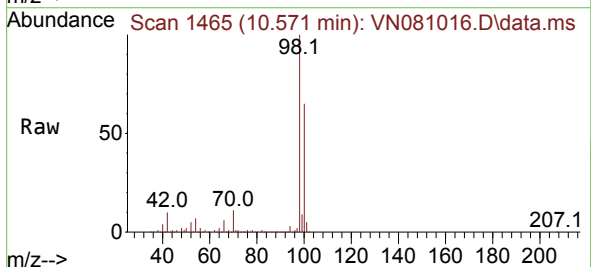
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

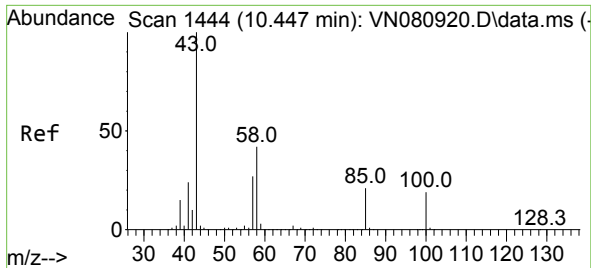
Tgt Ion: 88 Resp: 159592
Ion Ratio Lower Upper
88 100
43 20.6 30.1 45.1#
58 56.5 63.9 95.9#



#50
Toluene-d8
Concen: 47.531 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 98 Resp: 1081703
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0

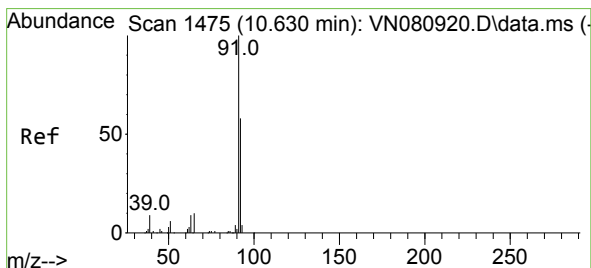
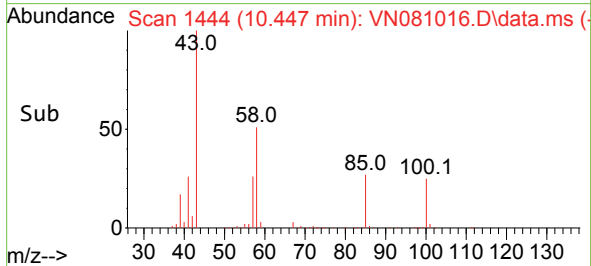
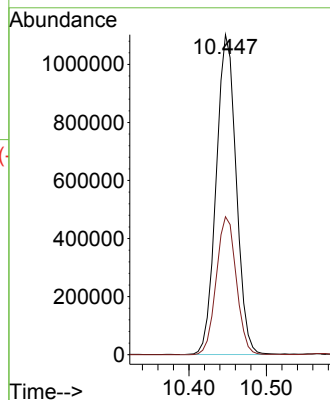
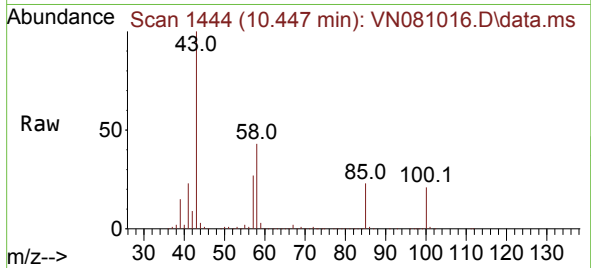




#51
4-Methyl-2-Pentanone
Concen: 251.891 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

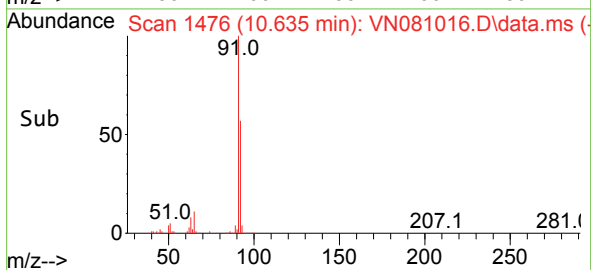
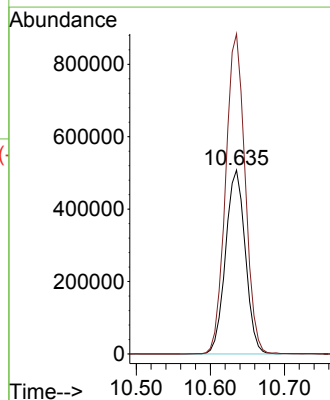
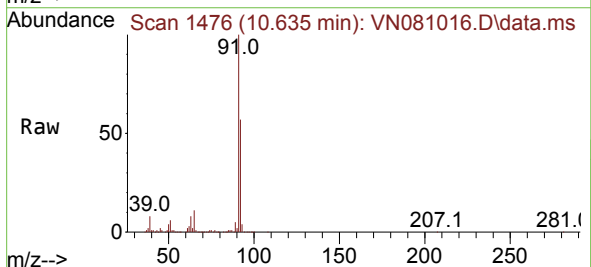
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

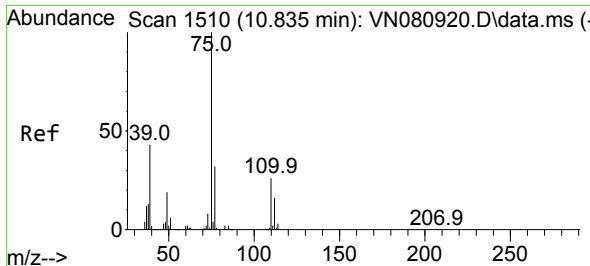
Tgt Ion: 43 Resp: 1976980
Ion Ratio Lower Upper
43 100
58 43.2 29.4 44.0



#52
Toluene
Concen: 49.221 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 92 Resp: 939341
Ion Ratio Lower Upper
92 100
91 171.8 139.4 209.0

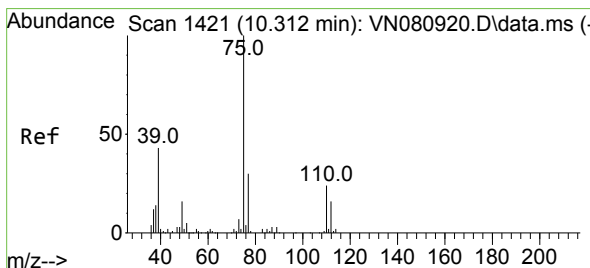
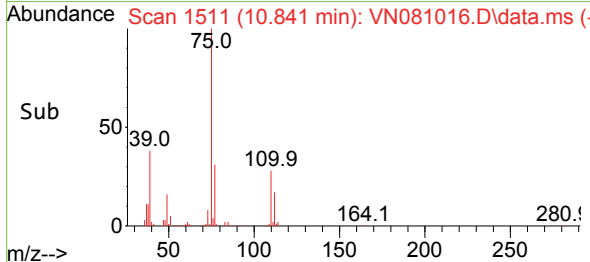
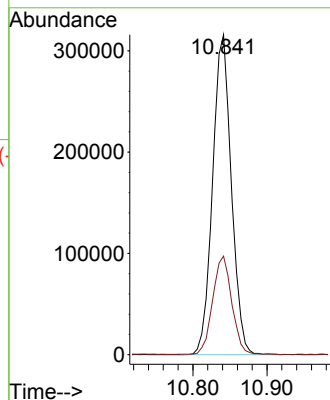
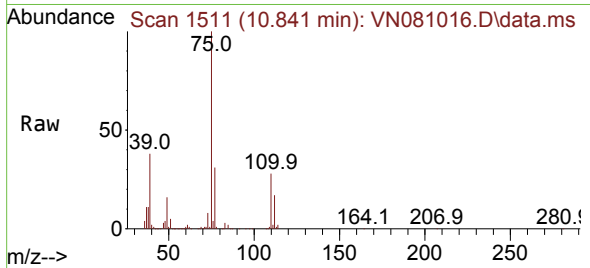




#53
 t-1,3-Dichloropropene
 Concen: 51.525 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081016.D
 Acq: 12 Feb 2024 20:20

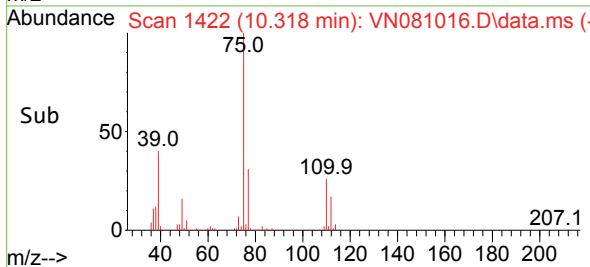
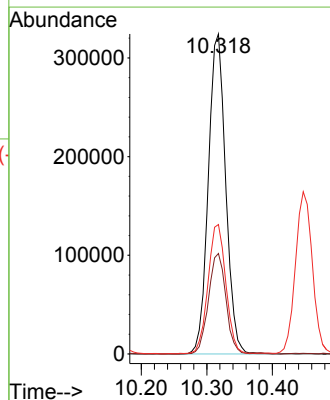
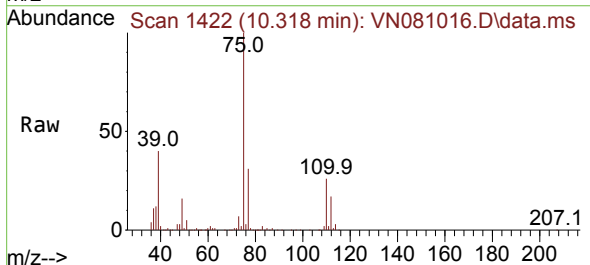
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

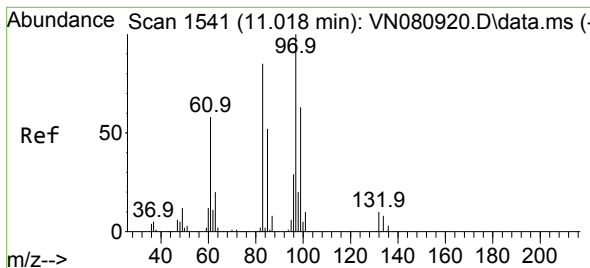
Tgt Ion: 75 Resp: 554346
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.547 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081016.D
 Acq: 12 Feb 2024 20:20

Tgt Ion: 75 Resp: 598354
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.3 34.9
 39 40.3 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 47.677 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 351669

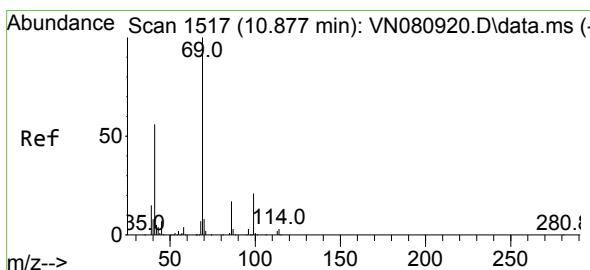
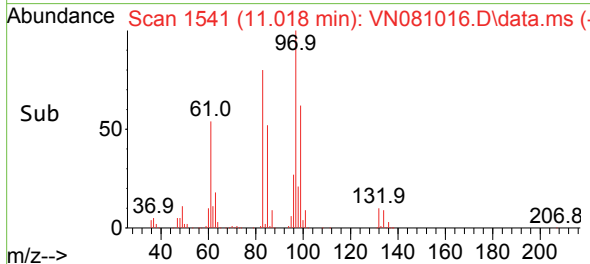
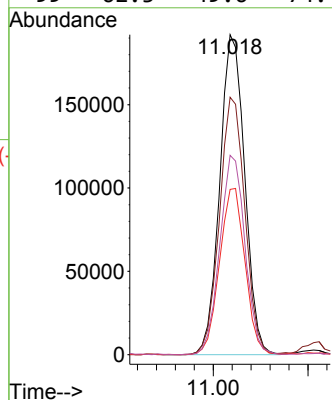
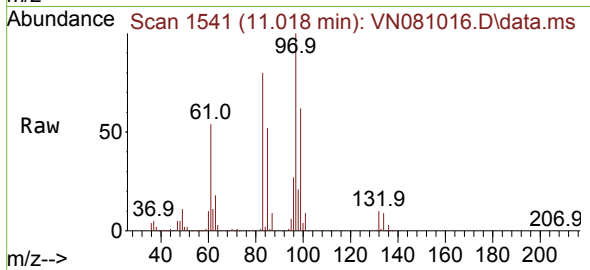
Ion Ratio Lower Upper

97 100

83 80.5 72.9 109.3

85 51.7 50.2 75.2

99 62.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 62.324 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

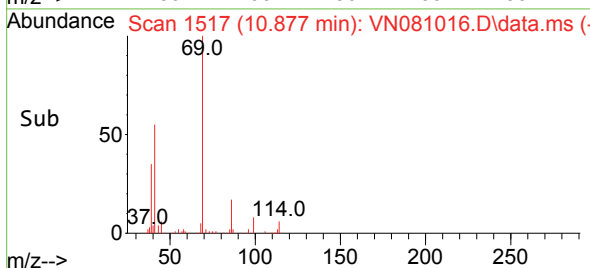
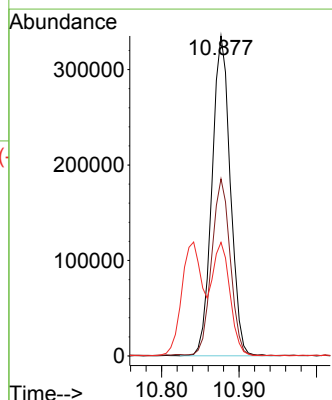
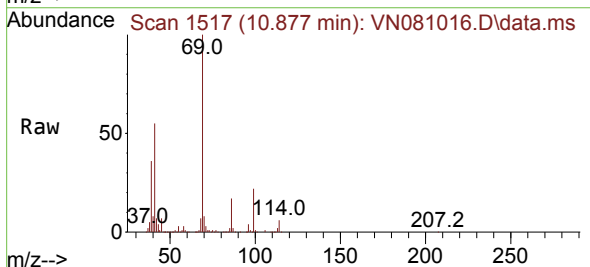
Tgt Ion: 69 Resp: 549931

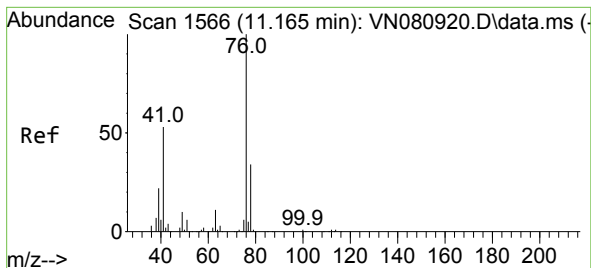
Ion Ratio Lower Upper

69 100

41 55.7 61.0 91.6#

39 33.5 31.8 47.6





#57

1,3-Dichloropropane

Concen: 50.470 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

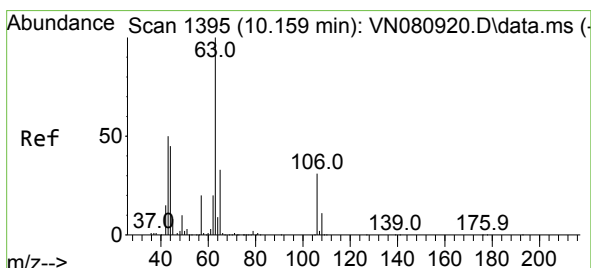
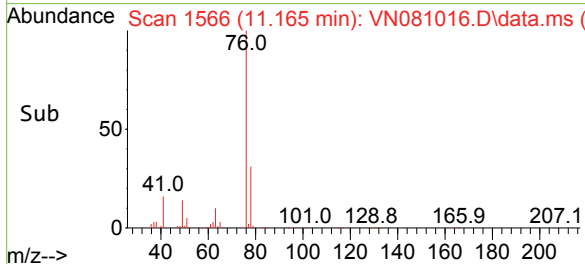
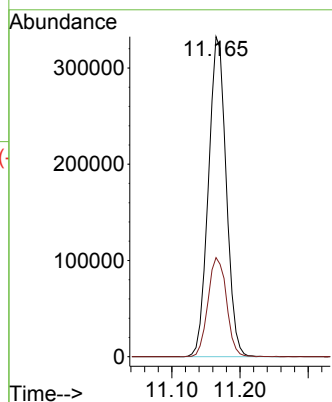
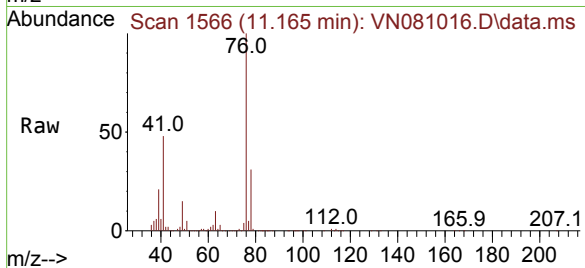
VSTDCCC050EC

Tgt Ion: 76 Resp: 603980

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 260.566 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081016.D

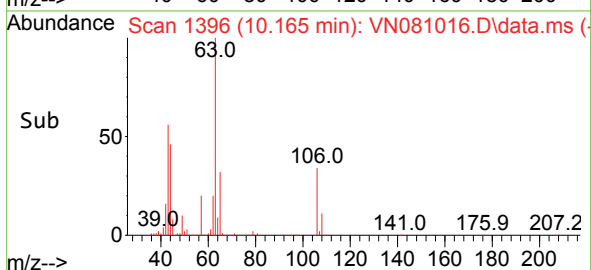
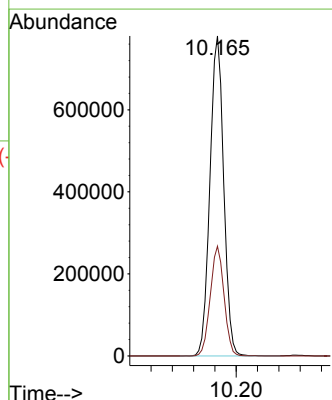
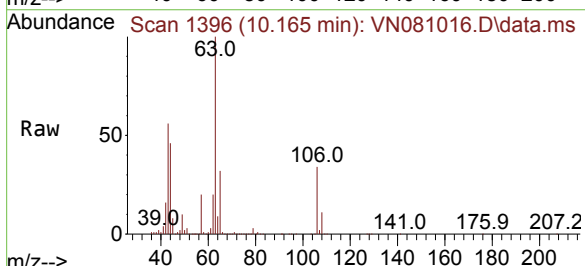
Acq: 12 Feb 2024 20:20

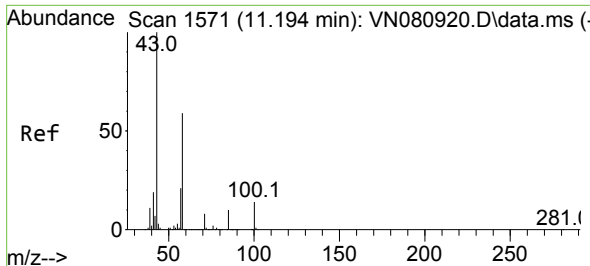
Tgt Ion: 63 Resp: 1395818

Ion Ratio Lower Upper

63 100

106 34.3 18.6 28.0#

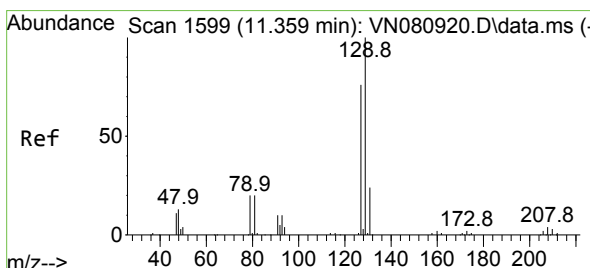
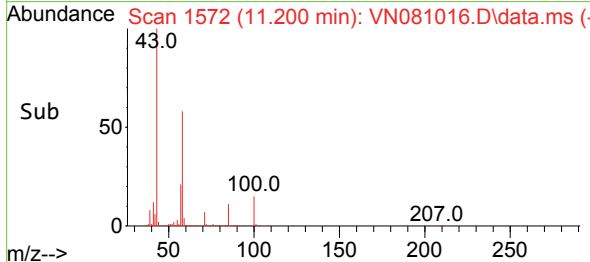
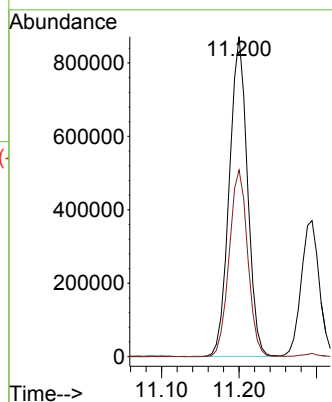
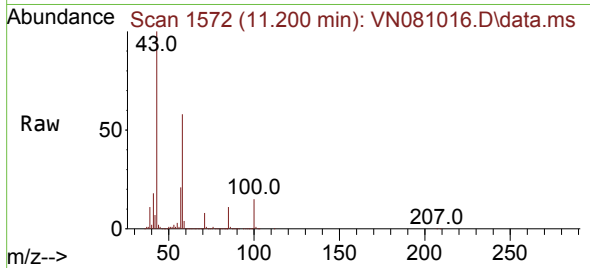




#59
2-Hexanone
Concen: 238.361 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

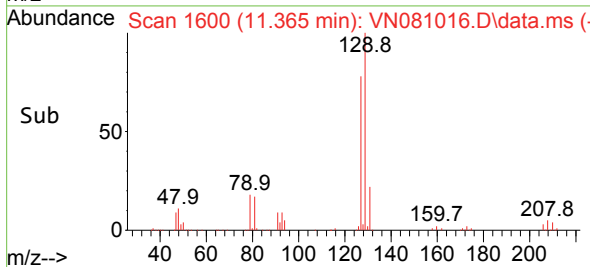
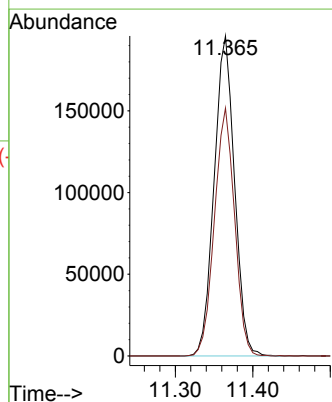
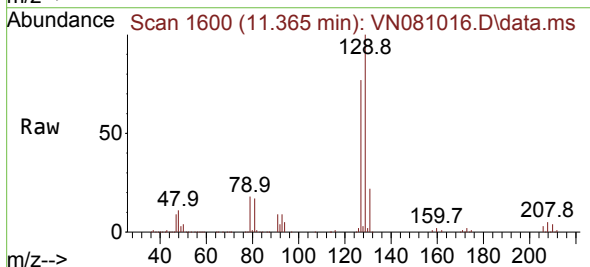
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

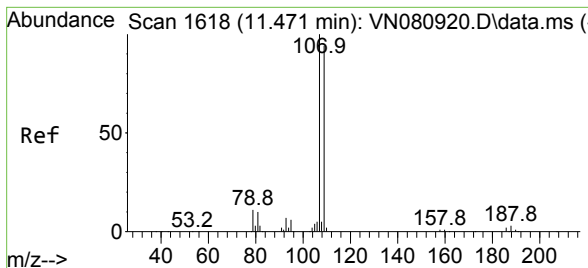
Tgt Ion: 43 Resp: 1417926
Ion Ratio Lower Upper
43 100
58 59.8 25.9 77.8



#60
Dibromochloromethane
Concen: 47.481 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 129 Resp: 357855
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.2

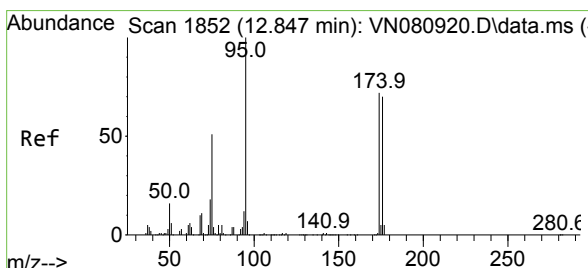
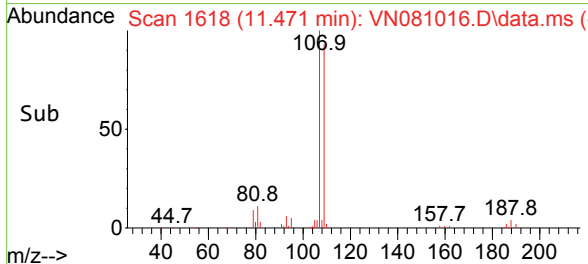
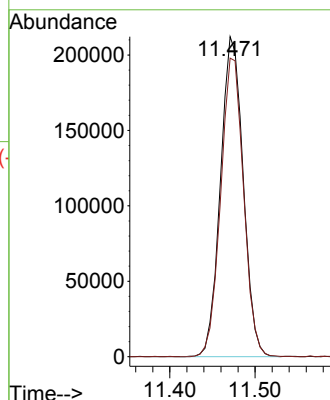
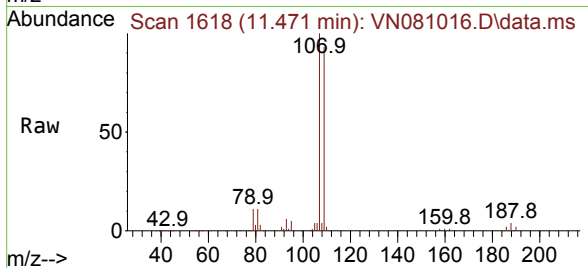




#61
1,2-Dibromoethane
Concen: 53.430 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

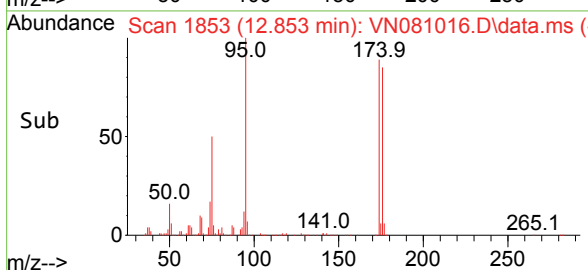
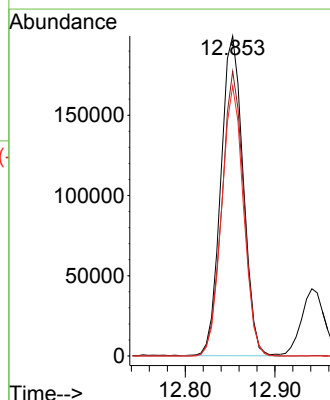
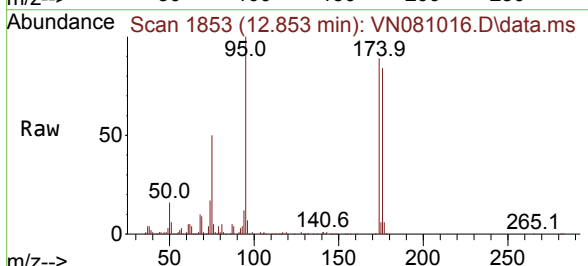
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

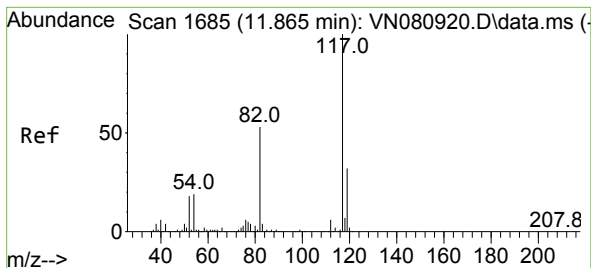
Tgt Ion:107 Resp: 393123
Ion Ratio Lower Upper
107 100
109 94.1 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 41.696 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 95 Resp: 344715
Ion Ratio Lower Upper
95 100
174 87.0 0.0 120.4
176 82.4 0.0 121.0

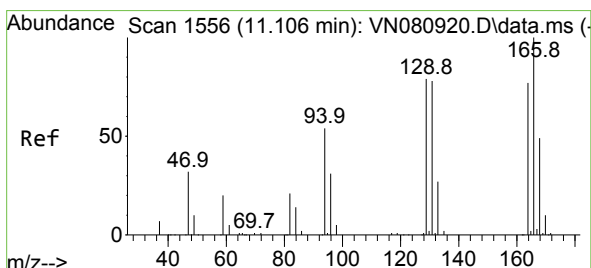
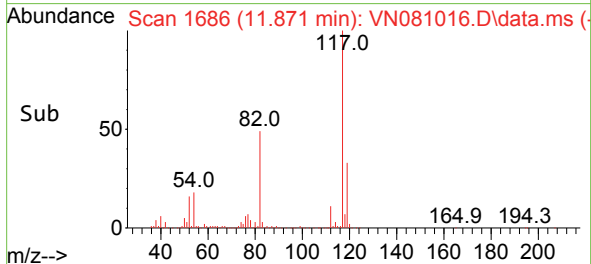
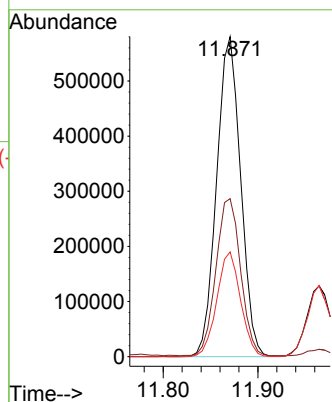
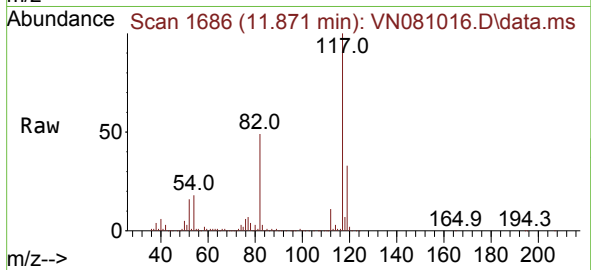




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

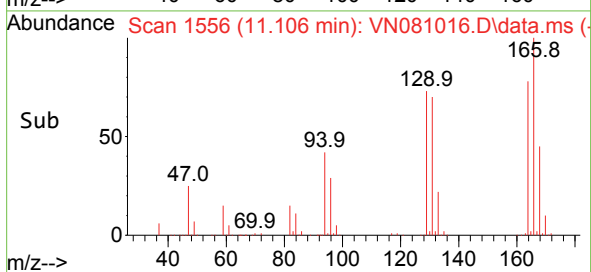
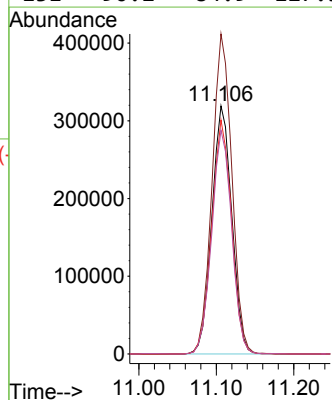
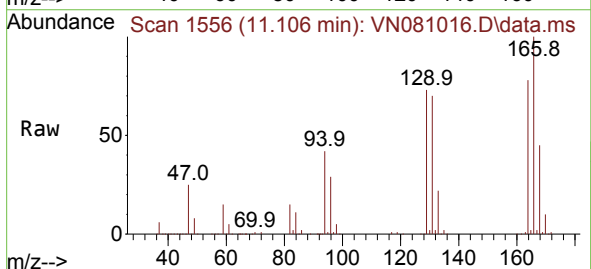
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

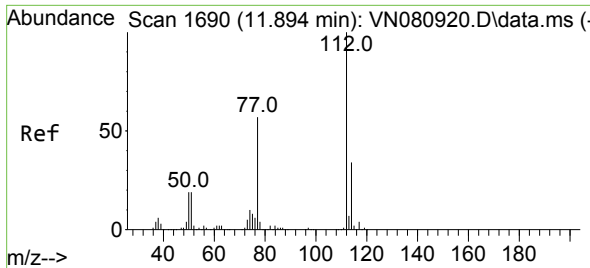
Tgt Ion:117 Resp: 1023598
Ion Ratio Lower Upper
117 100
82 49.1 52.7 79.1#
119 32.7 25.3 37.9



#64
Tetrachloroethene
Concen: 74.075 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion:164 Resp: 572321
Ion Ratio Lower Upper
164 100
166 129.0 105.8 158.6
129 94.3 89.6 134.4
131 90.2 84.9 127.3

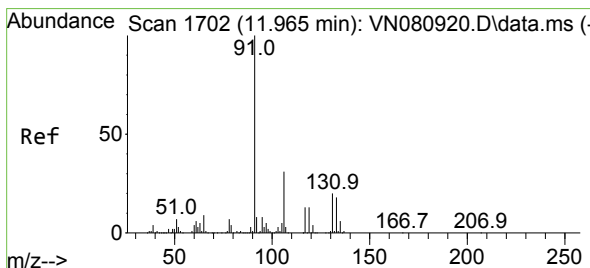
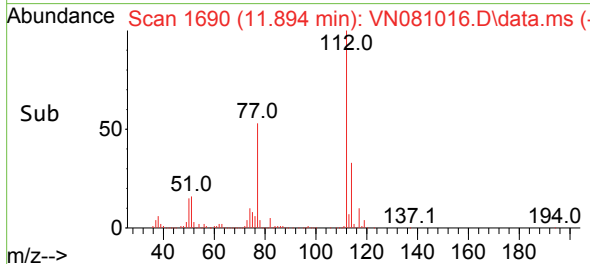
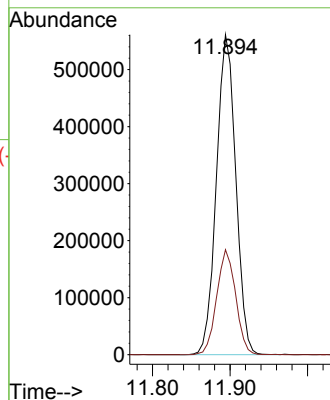
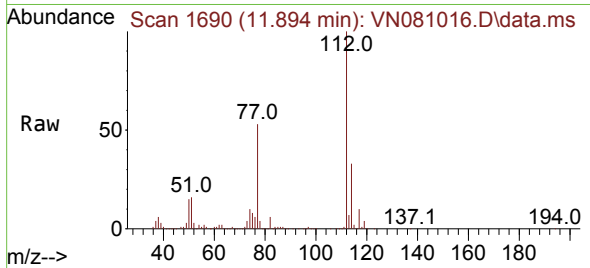




#65
Chlorobenzene
Concen: 45.448 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

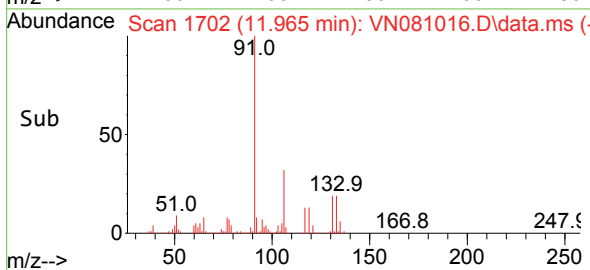
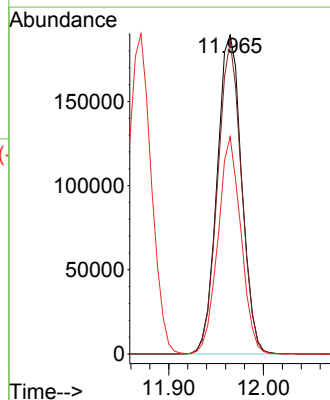
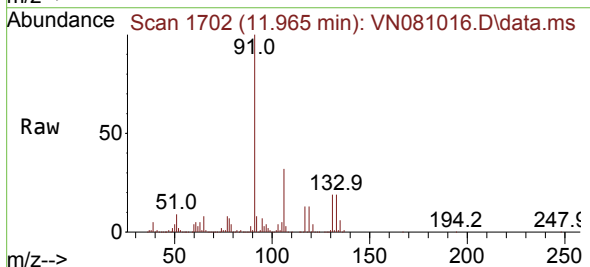
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

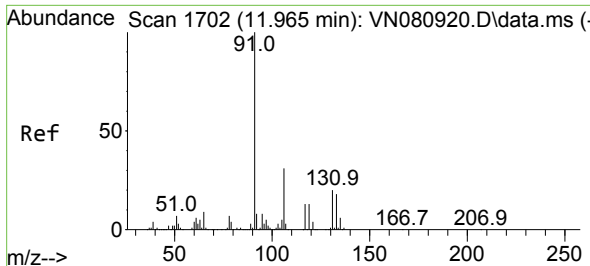
Tgt Ion:112 Resp: 974968
Ion Ratio Lower Upper
112 100
114 32.8 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 44.069 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion:131 Resp: 341149
Ion Ratio Lower Upper
131 100
133 95.3 46.8 140.3
119 63.9 34.6 103.9

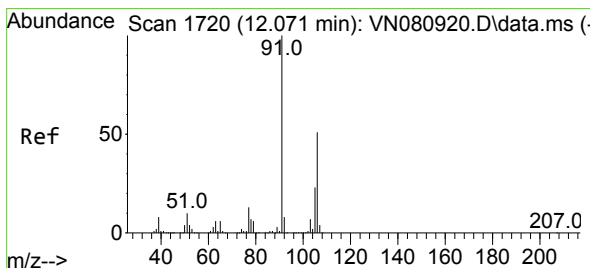
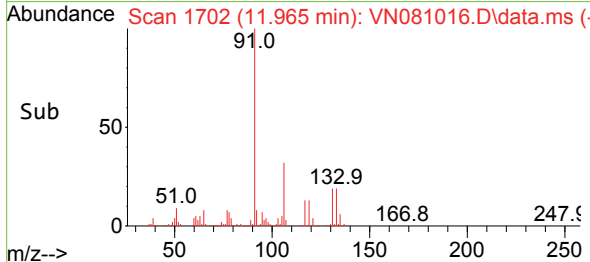
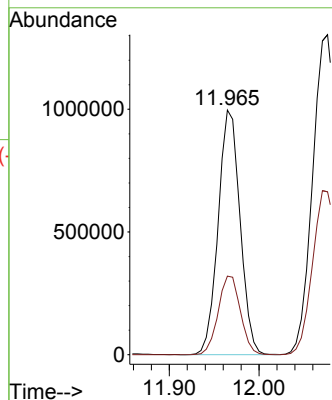
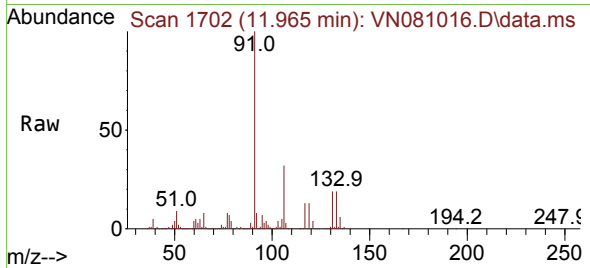




#67
Ethyl Benzene
Concen: 45.681 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

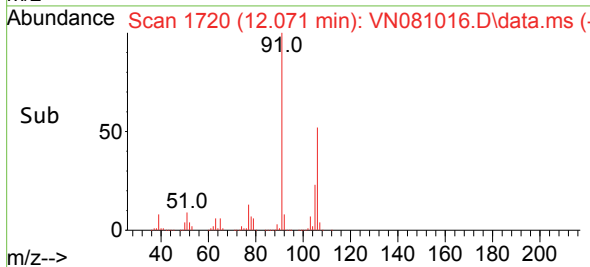
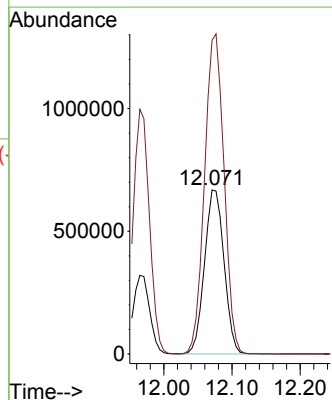
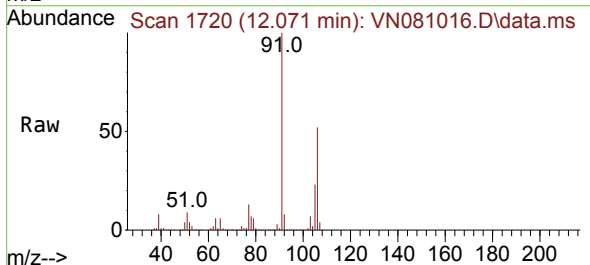
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

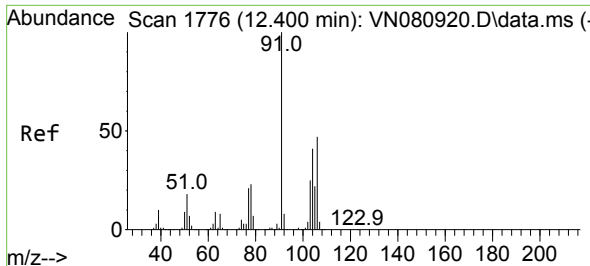
Tgt Ion: 91 Resp: 1688072
Ion Ratio Lower Upper
91 100
106 32.1 23.8 35.6



#68
m/p-Xylenes
Concen: 94.811 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion:106 Resp: 1331105
Ion Ratio Lower Upper
106 100
91 194.9 169.0 253.6

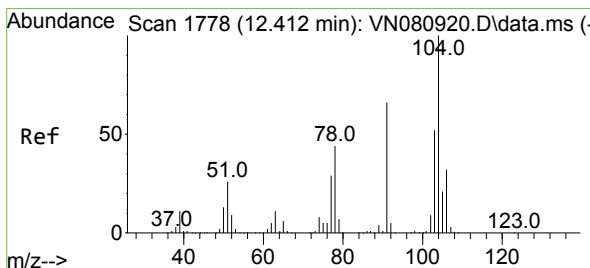
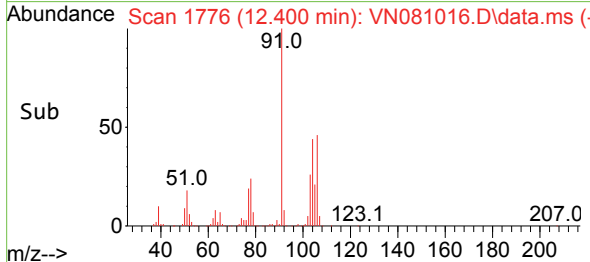
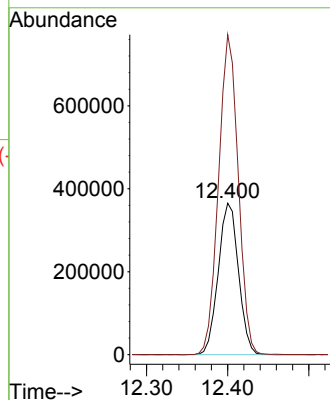
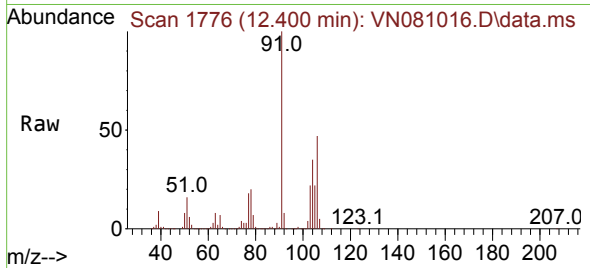




#69
o-Xylene
Concen: 46.407 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

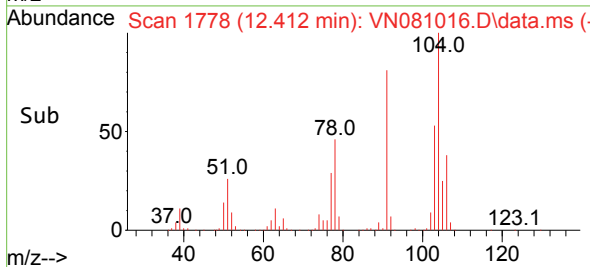
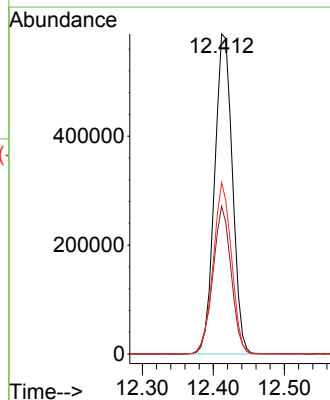
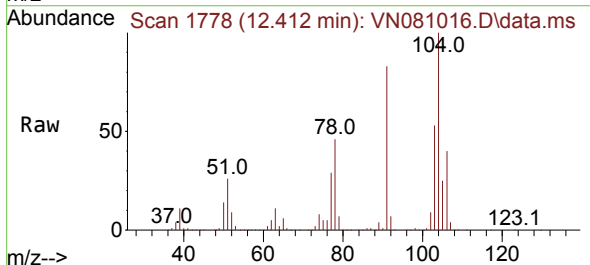
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

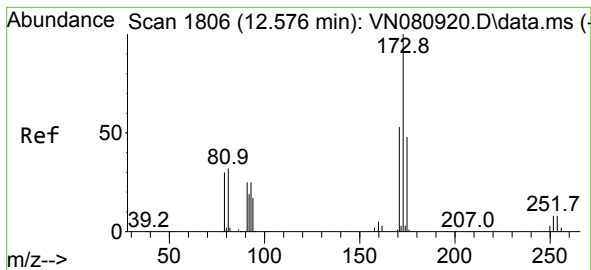
Tgt Ion:106 Resp: 632205
Ion Ratio Lower Upper
106 100
91 206.0 112.1 336.3



#70
Styrene
Concen: 50.127 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion:104 Resp: 1024894
Ion Ratio Lower Upper
104 100
78 47.4 43.8 65.8
103 54.9 44.2 66.2





#71

Bromoform

Concen: 38.948 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

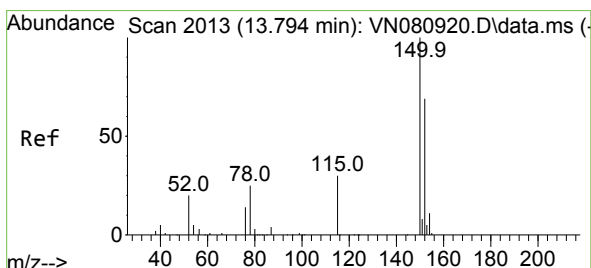
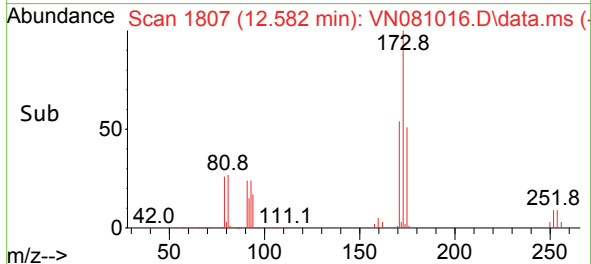
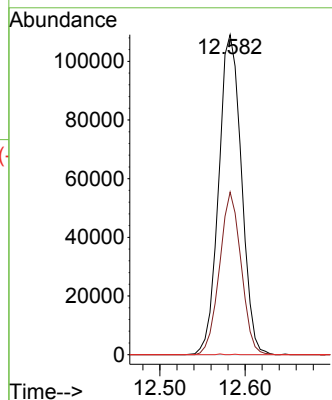
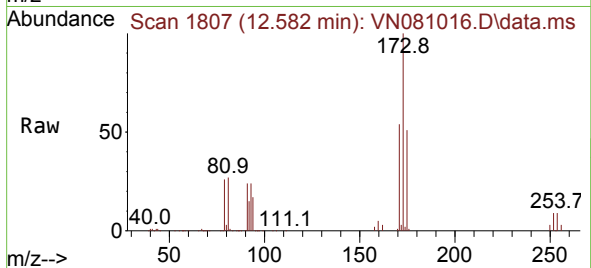
Tgt Ion:173 Resp: 201941

Ion Ratio Lower Upper

173 100

175 48.2 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: VN081016.D

Acq: 12 Feb 2024 20:20

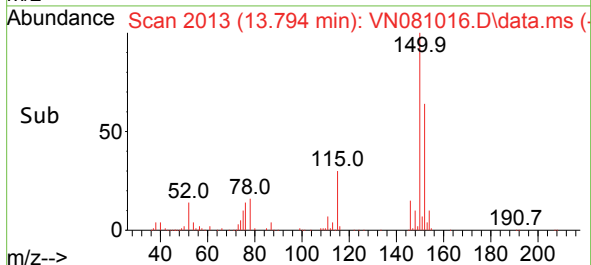
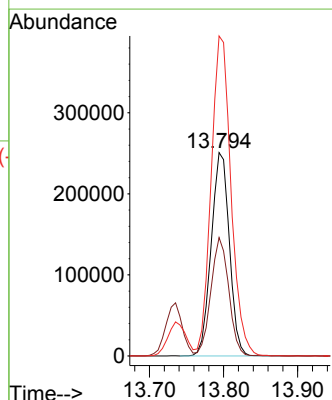
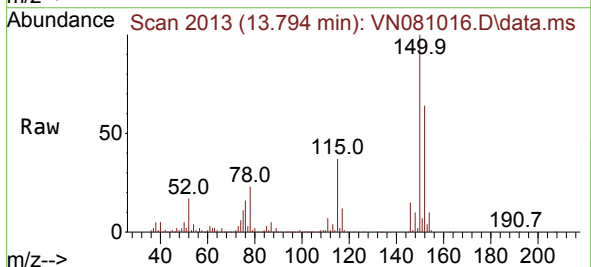
Tgt Ion:152 Resp: 427472

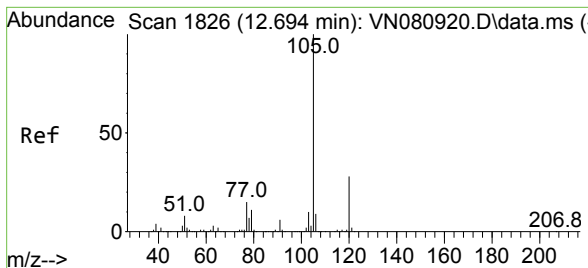
Ion Ratio Lower Upper

152 100

115 56.9 32.3 96.8

150 172.3 0.0 339.8





#73

Isopropylbenzene

Concen: 48.948 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

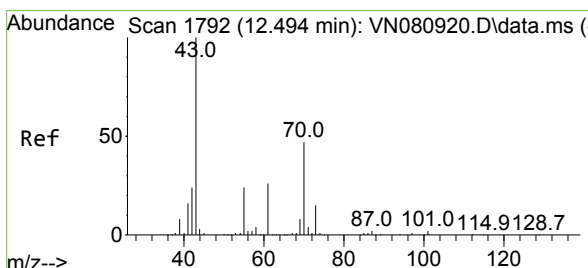
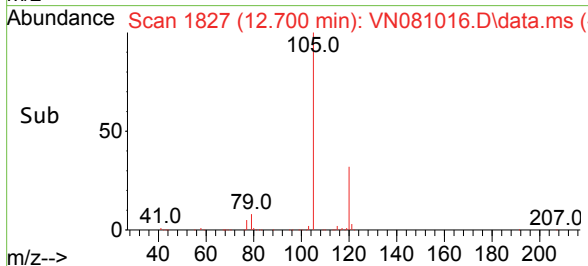
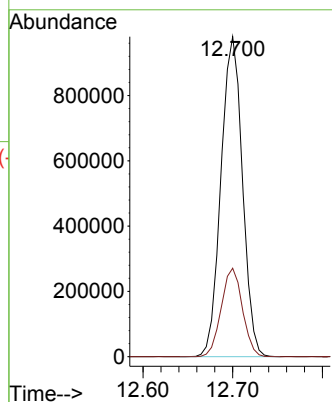
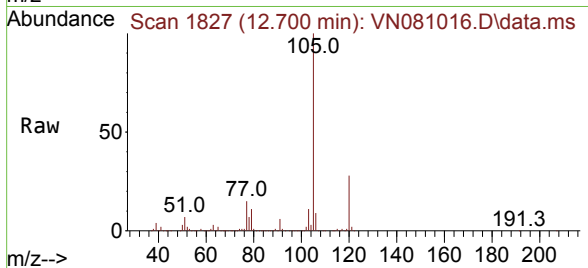
VSTDCCC050EC

Tgt Ion:105 Resp: 1627294

Ion Ratio Lower Upper

105 100

120 27.3 12.6 37.6



#74

N-ethyl acetate

Concen: 46.225 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Tgt Ion: 43 Resp: 553935

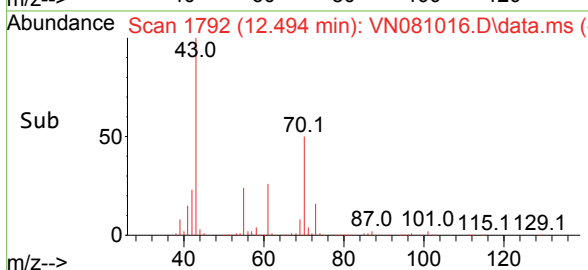
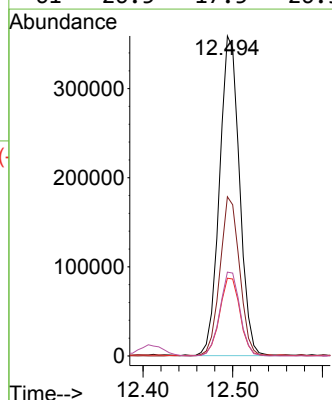
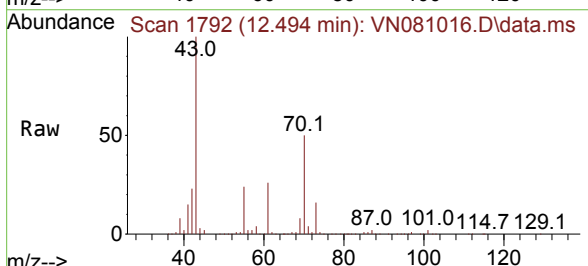
Ion Ratio Lower Upper

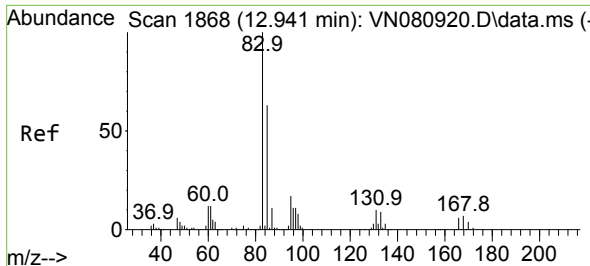
43 100

70 48.8 30.1 45.1#

55 24.8 17.0 25.4

61 26.5 17.5 26.3#

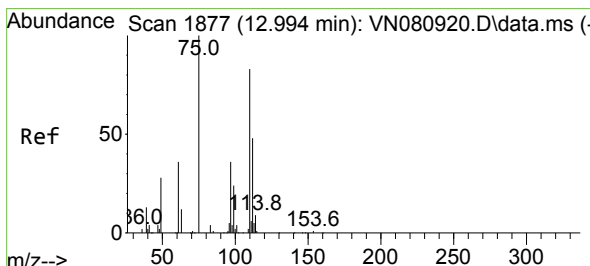
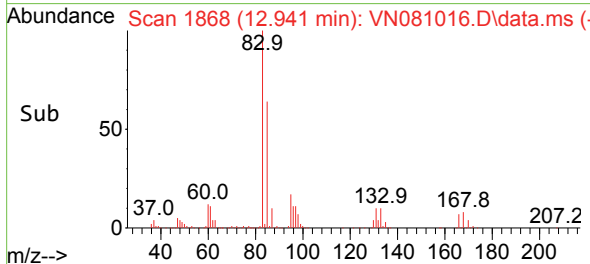
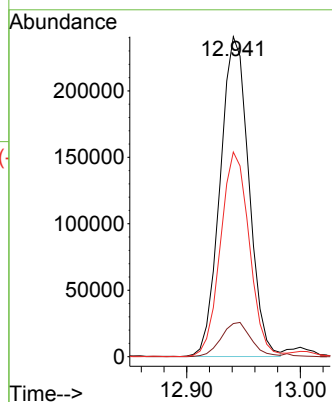
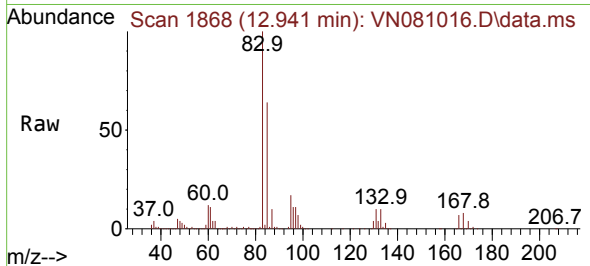




#75
1,1,2-Tetrachloroethane
Concen: 40.782 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

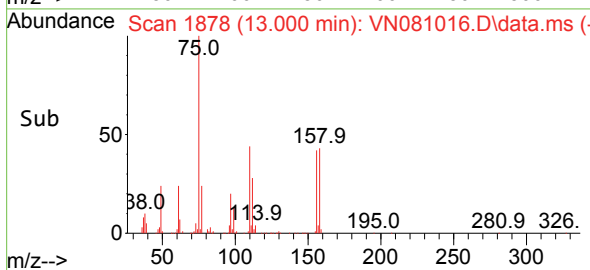
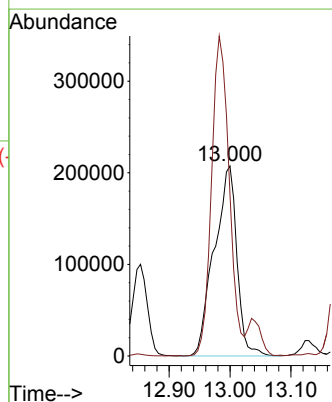
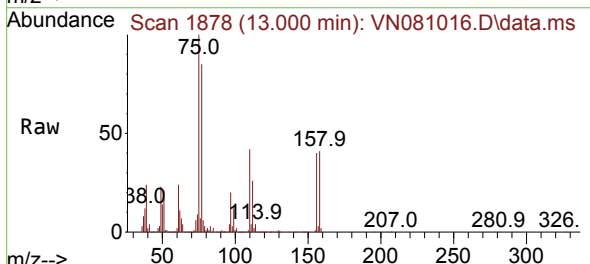
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

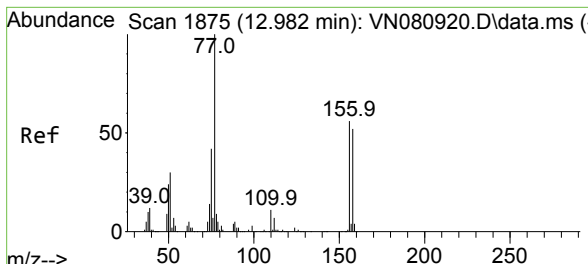
Tgt Ion: 83 Resp: 421761
Ion Ratio Lower Upper
83 100
131 11.2 4.1 12.3
85 64.6 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 61.367 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 75 Resp: 534866
Ion Ratio Lower Upper
75 100
77 132.1 91.0 272.8

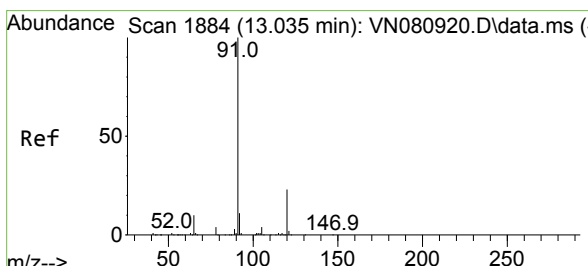
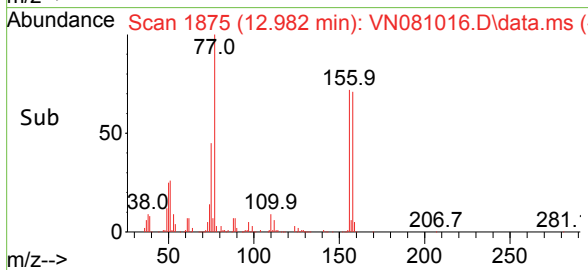
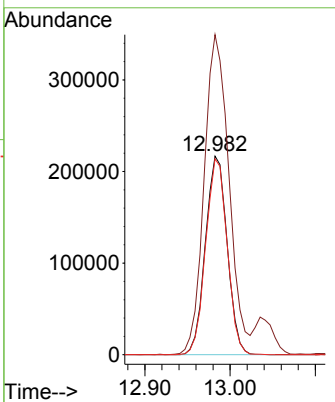
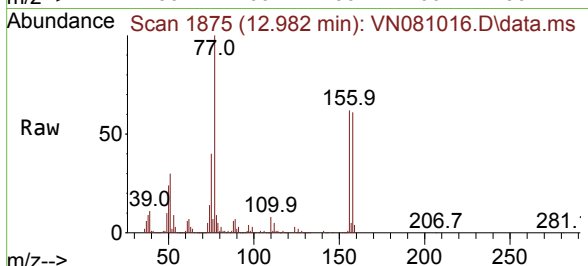




#77
 Bromobenzene
 Concen: 45.807 ug/l
 RT: 12.982 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VN081016.D
 Acq: 12 Feb 2024 20:20

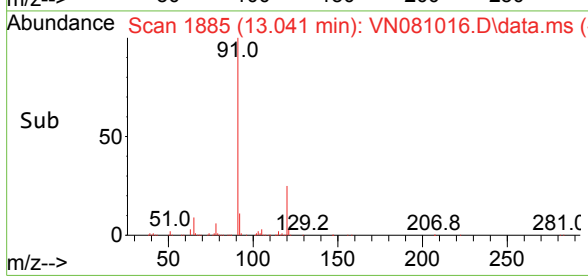
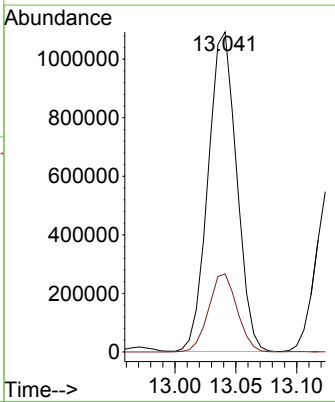
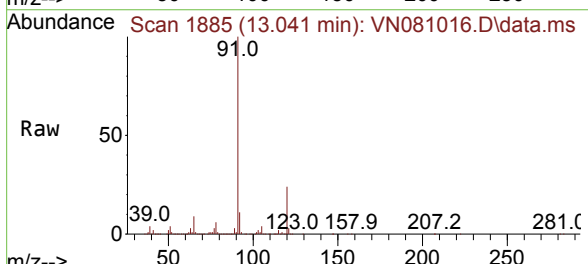
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

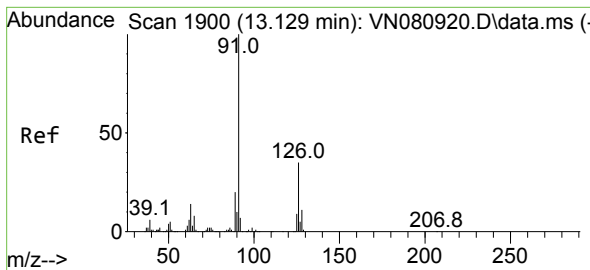
Tgt Ion:	156	Resp:	384249
Ion Ratio	Lower	Upper	
156	100		
77	183.9	138.1	414.3
158	97.5	46.5	139.5



#78
 n-propylbenzene
 Concen: 47.404 ug/l
 RT: 13.041 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VN081016.D
 Acq: 12 Feb 2024 20:20

Tgt Ion:	91	Resp:	1779283
Ion Ratio	Lower	Upper	
91	100		
120	24.4	10.3	30.9

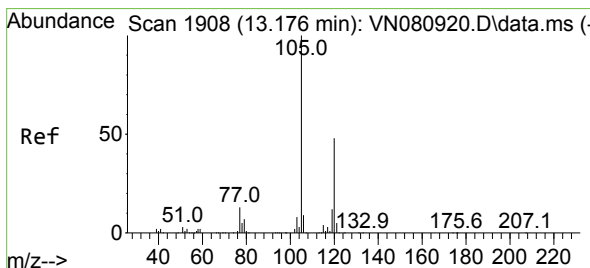
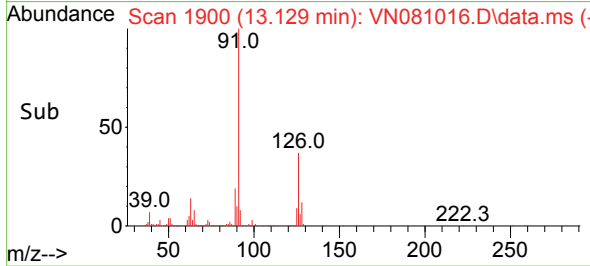
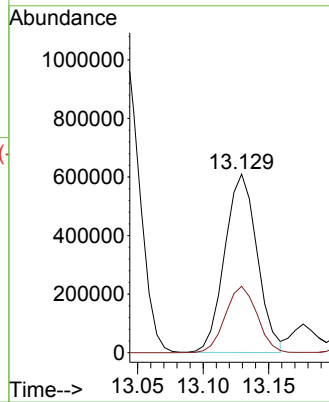
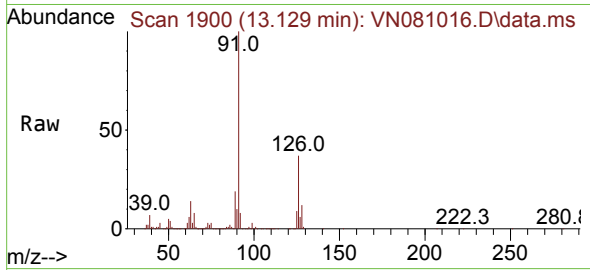




#79
2-Chlorotoluene
Concen: 44.238 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

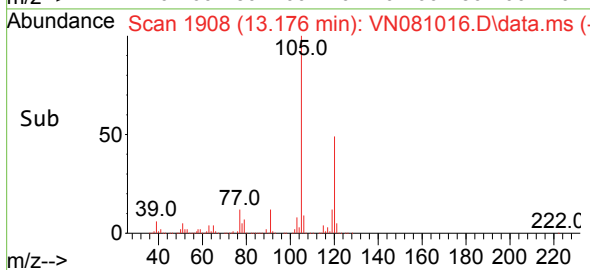
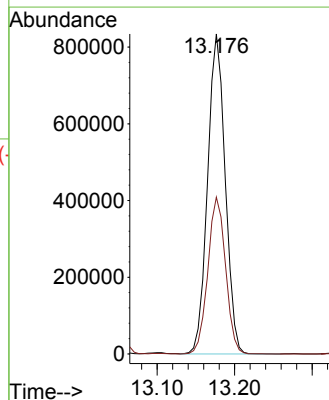
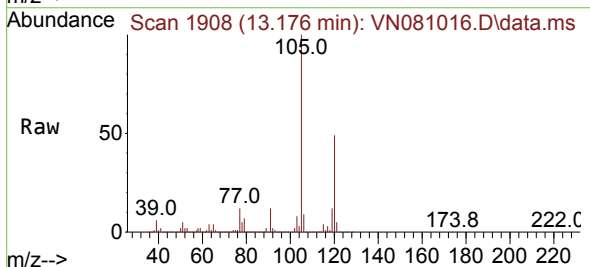
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

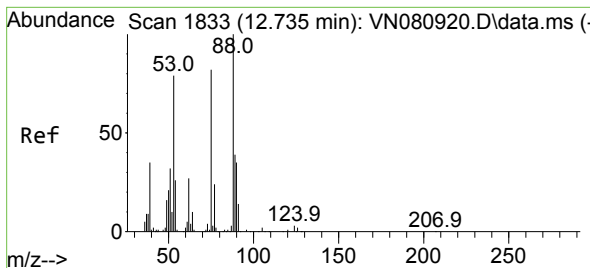
Tgt Ion: 91 Resp: 1049326
Ion Ratio Lower Upper
91 100
126 36.5 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 48.691 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion:105 Resp: 1315738
Ion Ratio Lower Upper
105 100
120 49.3 23.0 69.0

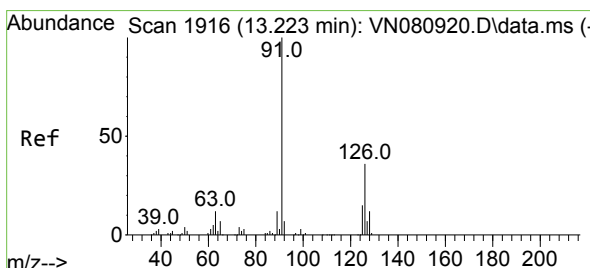
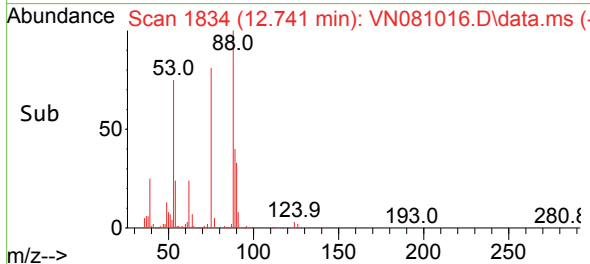
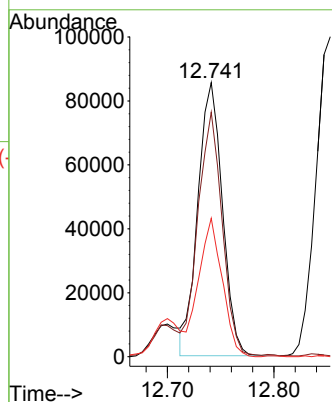
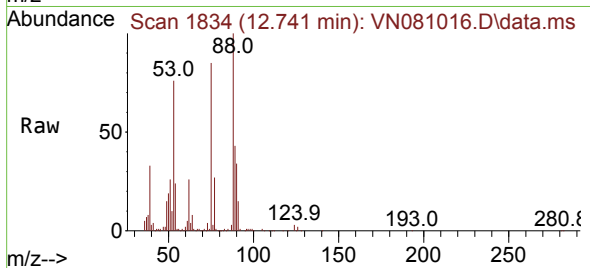




#81
trans-1,4-Dichloro-2-butene
Concen: 42.699 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

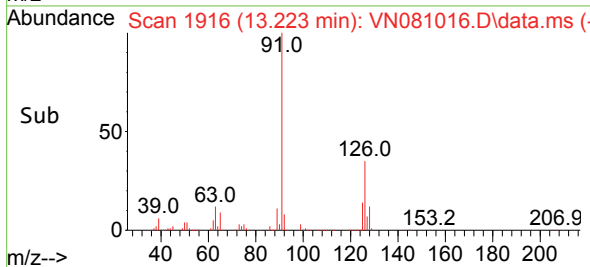
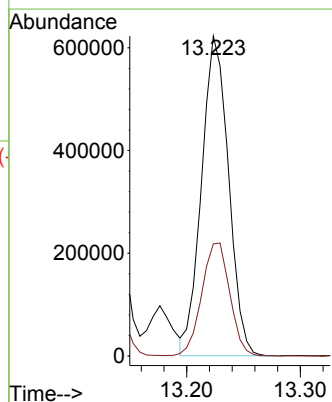
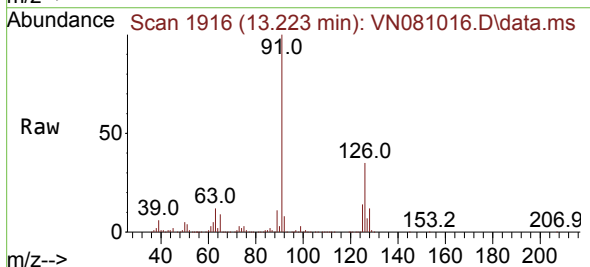
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

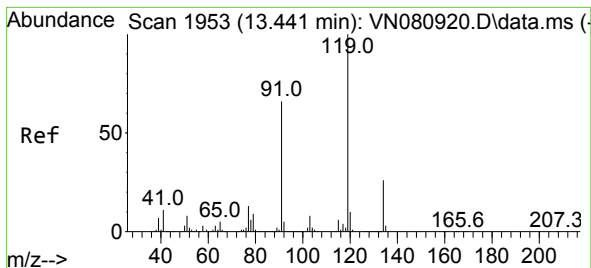
Tgt Ion: 75 Resp: 136980
Ion Ratio Lower Upper
75 100
53 87.9 71.4 107.2
89 48.1 33.4 50.0



#82
4-Chlorotoluene
Concen: 43.478 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 91 Resp: 1028956
Ion Ratio Lower Upper
91 100
126 36.8 15.3 45.9





#83

tert-Butylbenzene

Concen: 50.766 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

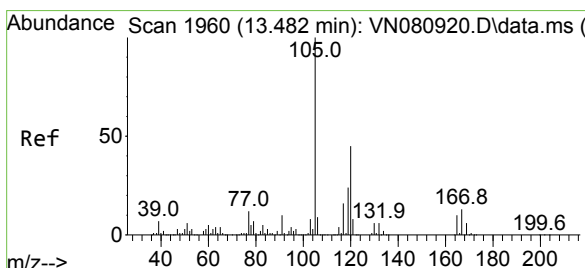
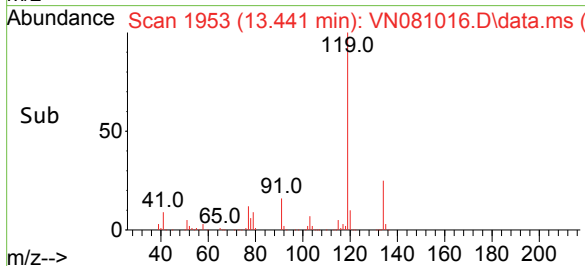
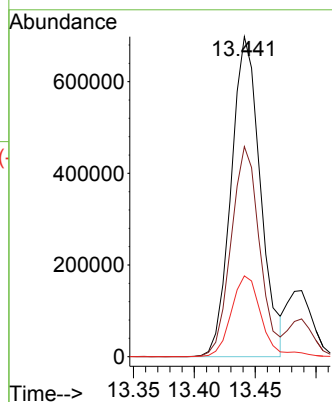
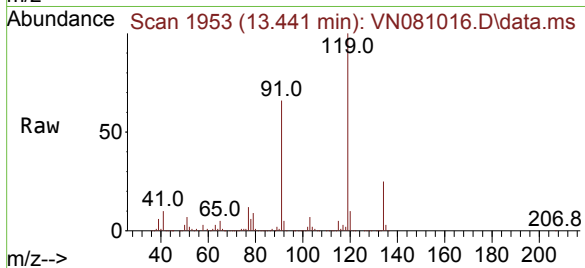
Tgt Ion:119 Resp: 1169332

Ion Ratio Lower Upper

119 100

91 63.9 36.8 110.4

134 26.0 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 47.852 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN081016.D

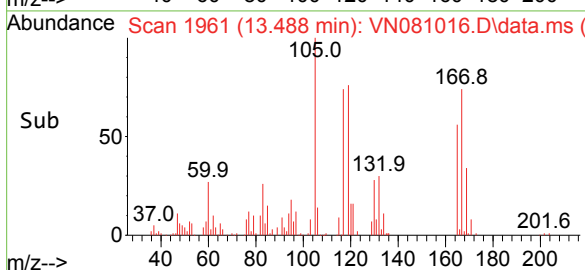
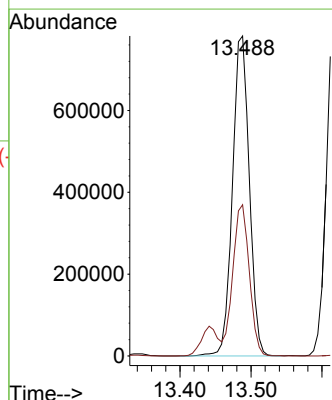
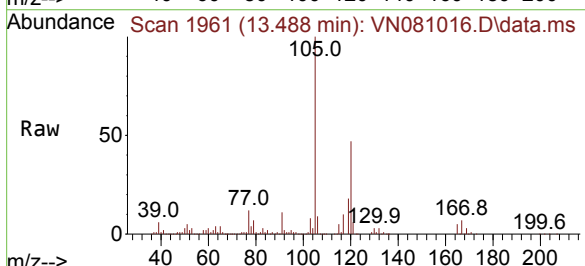
Acq: 12 Feb 2024 20:20

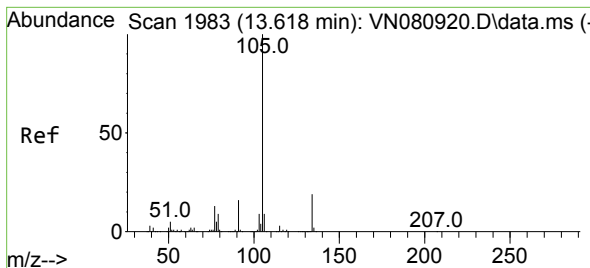
Tgt Ion:105 Resp: 1287868

Ion Ratio Lower Upper

105 100

120 46.4 20.9 62.7





#85

sec-Butylbenzene

Concen: 51.724 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

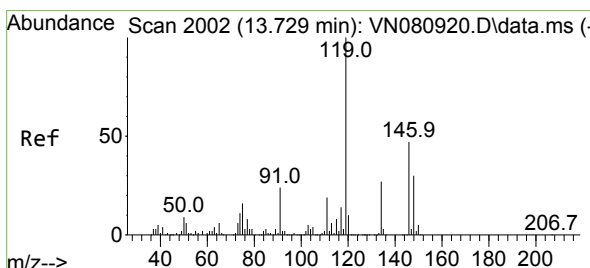
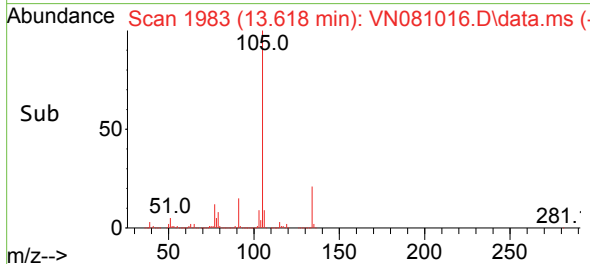
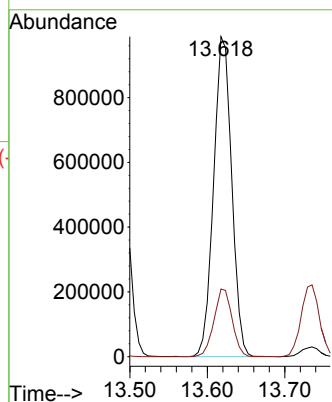
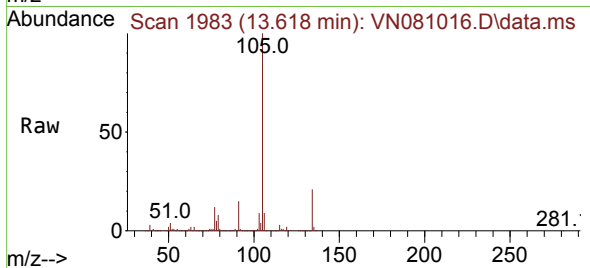
VSTDCCC050EC

Tgt Ion:105 Resp: 1600950

Ion Ratio Lower Upper

105 100

134 21.2 8.6 25.8



#86

p-Isopropyltoluene

Concen: 51.760 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

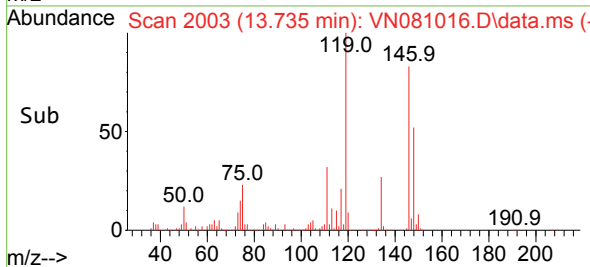
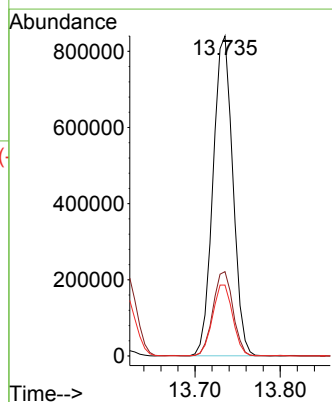
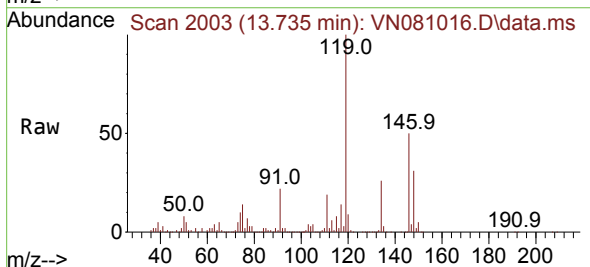
Tgt Ion:119 Resp: 1353899

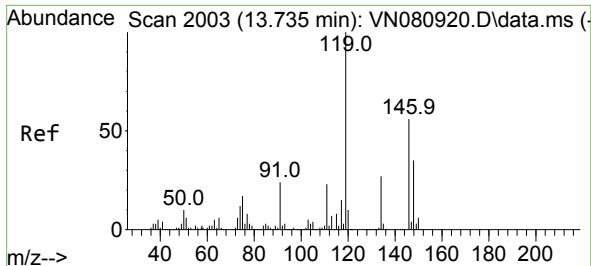
Ion Ratio Lower Upper

119 100

134 26.8 12.4 37.2

91 22.7 13.5 40.4

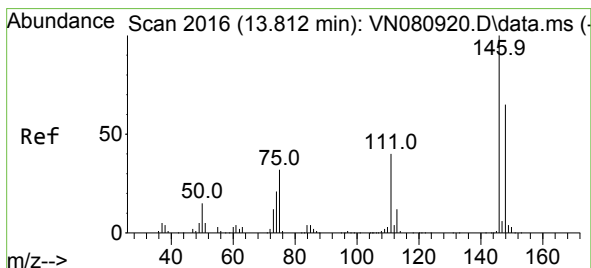
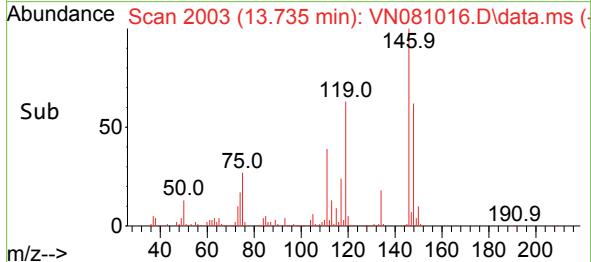
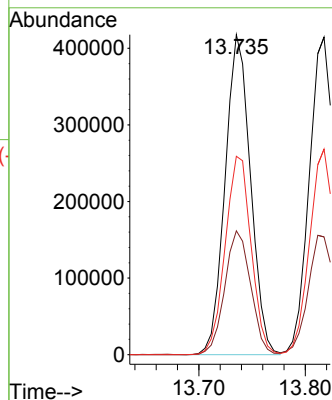
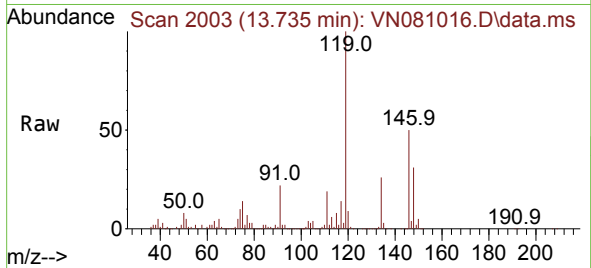




#87
1,3-Dichlorobenzene
Concen: 46.263 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

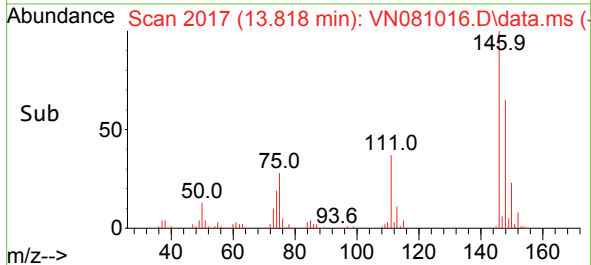
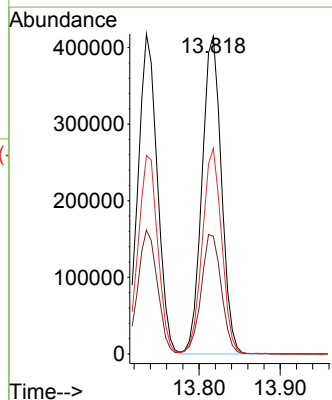
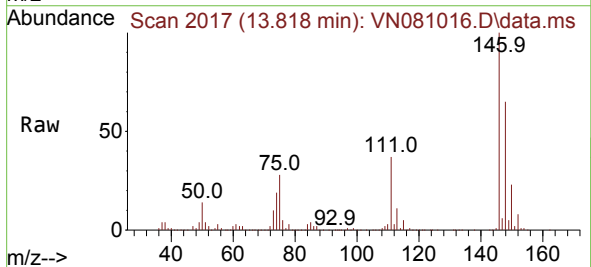
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

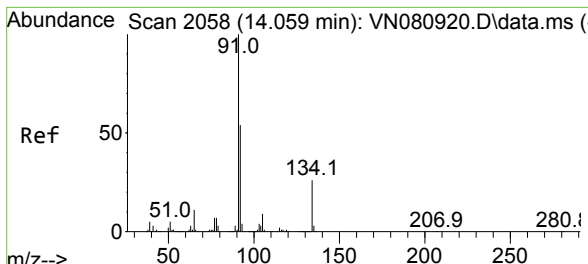
Tgt Ion:146 Resp: 691123
Ion Ratio Lower Upper
146 100
111 39.5 23.9 71.7
148 63.5 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 45.432 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion:146 Resp: 688752
Ion Ratio Lower Upper
146 100
111 38.8 22.6 67.7
148 64.6 31.9 95.5

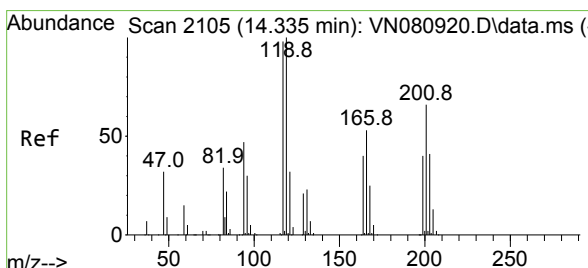
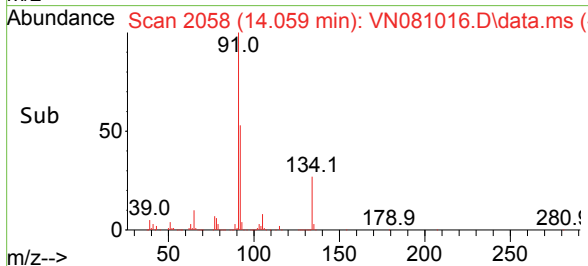
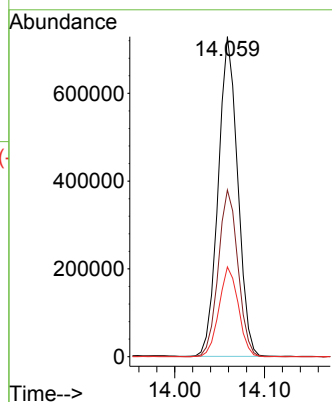
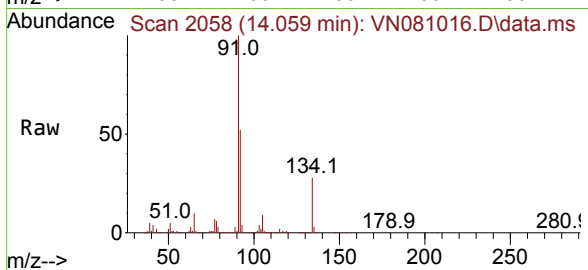




#89
n-Butylbenzene
Concen: 47.572 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

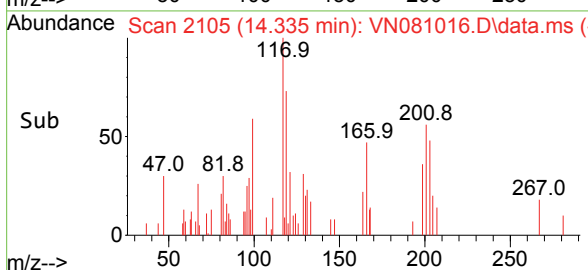
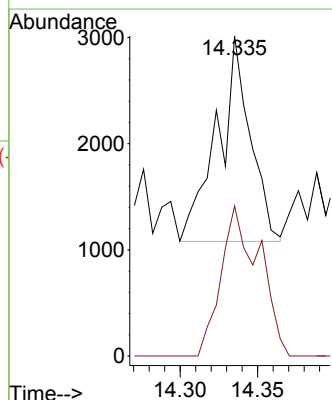
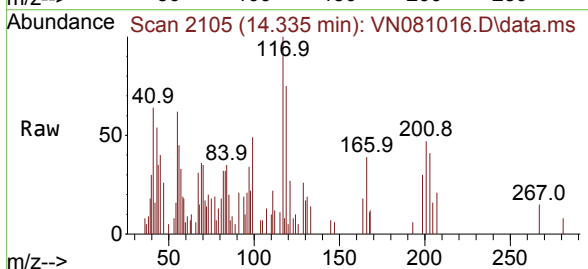
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

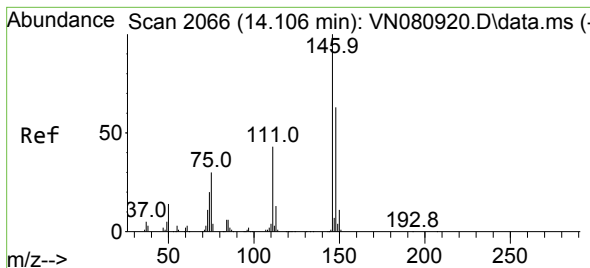
Tgt Ion: 91 Resp: 1099205
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 27.9 10.8 32.4



#90
Hexachloroethane
Concen: 0.693 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081016.D
Acq: 12 Feb 2024 20:20

Tgt Ion: 117 Resp: 2857
Ion Ratio Lower Upper
117 100
201 84.7 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 47.382 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

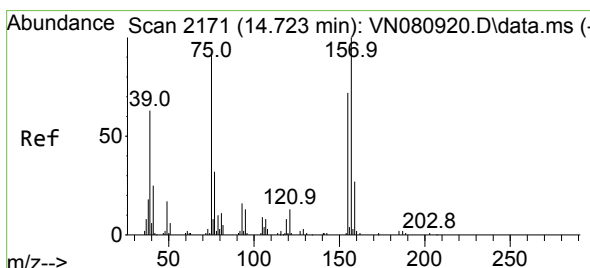
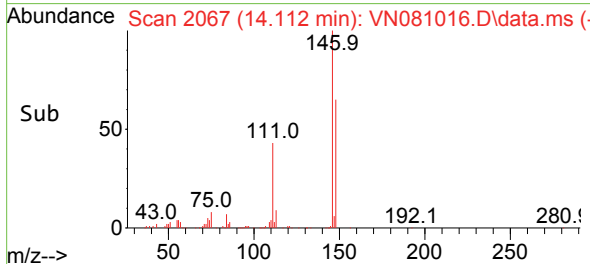
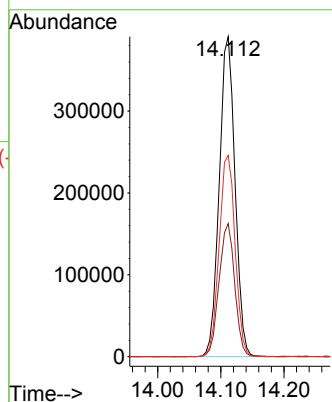
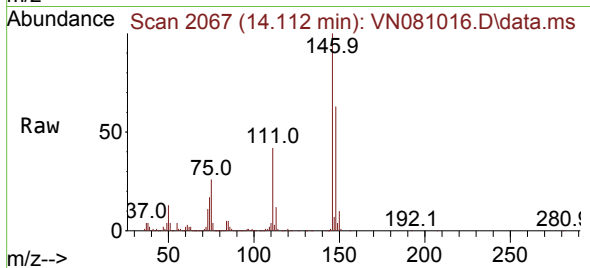
Tgt Ion:146 Resp: 678145

Ion Ratio Lower Upper

146 100

111 41.4 23.9 71.8

148 63.9 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.264 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

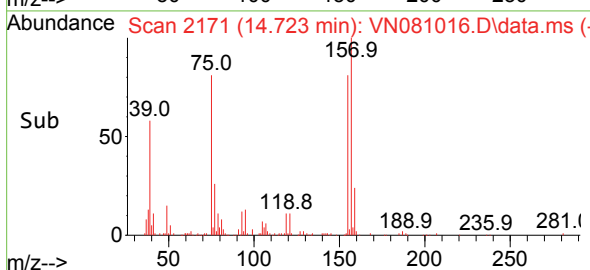
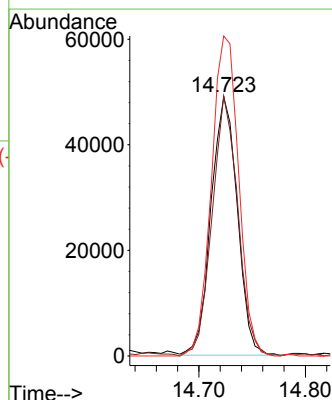
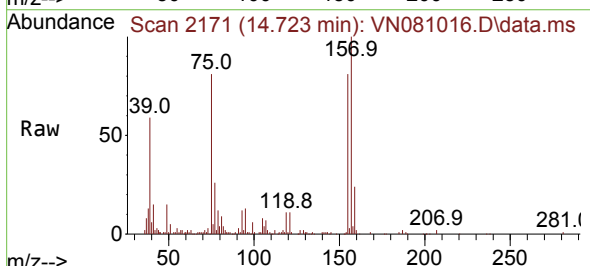
Tgt Ion: 75 Resp: 83693

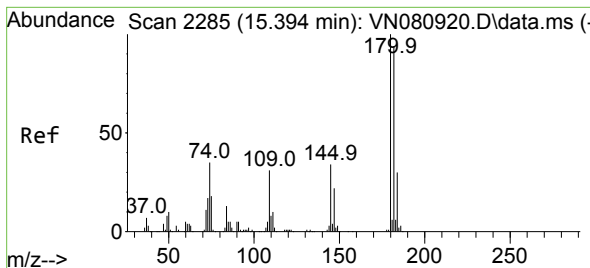
Ion Ratio Lower Upper

75 100

155 98.6 31.8 95.4#

157 128.8 41.1 123.4#





#93

1,2,4-Trichlorobenzene

Concen: 59.805 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

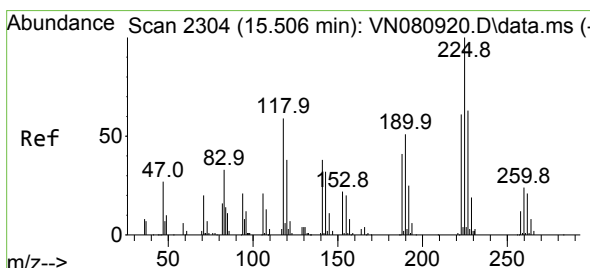
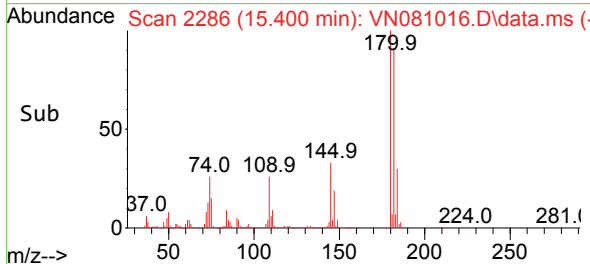
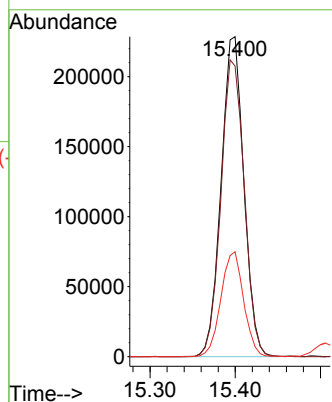
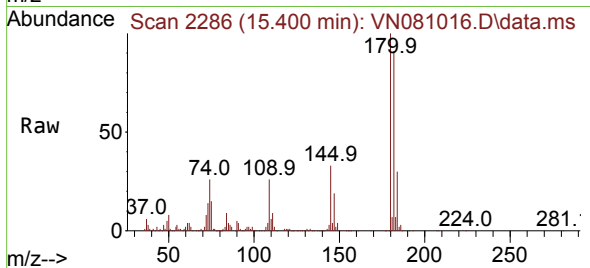
Tgt Ion:180 Resp: 423408

Ion Ratio Lower Upper

180 100

182 95.1 46.6 139.7

145 32.9 16.8 50.3



#94

Hexachlorobutadiene

Concen: 54.252 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

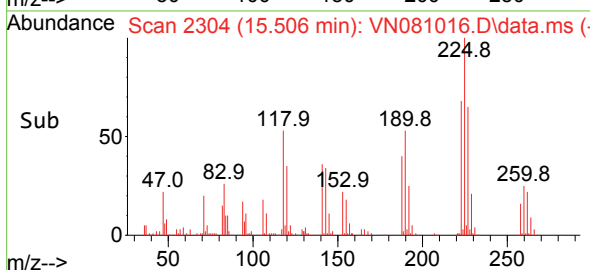
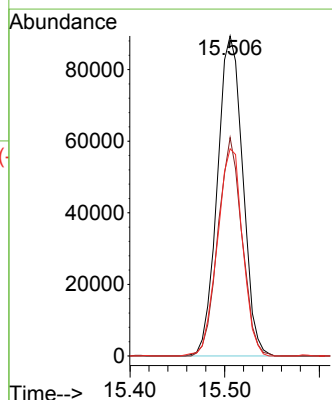
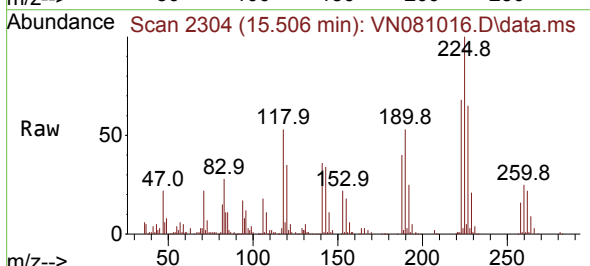
Tgt Ion:225 Resp: 166522

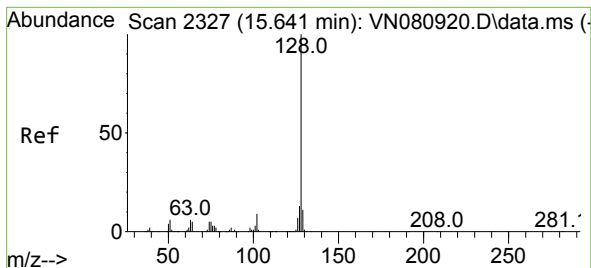
Ion Ratio Lower Upper

225 100

223 64.7 33.3 99.8

227 64.5 33.1 99.2





#95

Naphthalene

Concen: 62.235 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

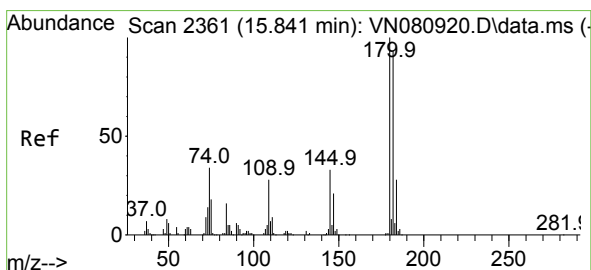
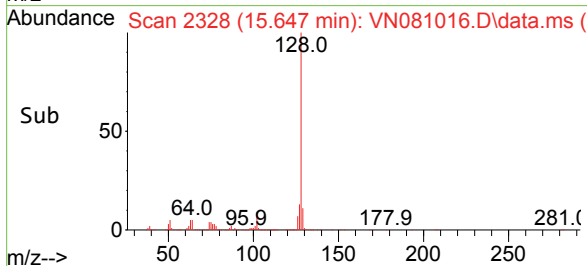
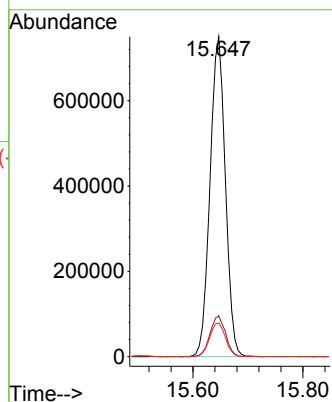
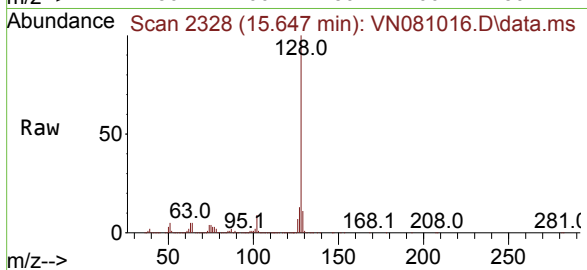
Tgt Ion:128 Resp: 1454796

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 62.446 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081016.D

Acq: 12 Feb 2024 20:20

Tgt Ion:180 Resp: 435178

Ion Ratio Lower Upper

180 100

182 93.8 46.5 139.3

145 33.9 17.8 53.4

