

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076371.D
 Acq On : 24 Jan 2023 10:06
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jan 25 00:32:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	391184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	625240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	557355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275008	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226388	51.686	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.380%	
35) Dibromofluoromethane	8.171	113	198395	50.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.460%	
50) Toluene-d8	10.570	98	737810	51.080	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.853	95	258227	54.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	187619	46.803	ug/l	99
3) Chloromethane	2.371	50	187140	45.089	ug/l	97
4) Vinyl Chloride	2.530	62	251218	49.362	ug/l	99
5) Bromomethane	2.953	94	202171	48.509	ug/l	96
6) Chloroethane	3.124	64	187312	49.084	ug/l	98
7) Trichlorofluoromethane	3.506	101	331210	47.305	ug/l	98
8) Diethyl Ether	3.971	74	119106	50.717	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	192543	48.577	ug/l	99
10) Methyl Iodide	4.600	142	287742	47.526	ug/l	98
11) Tert butyl alcohol	5.530	59	114432	195.324	ug/l	100
12) 1,1-Dichloroethene	4.347	96	178201	47.560	ug/l	90
13) Acrolein	4.189	56	145551	207.743	ug/l	99
14) Allyl chloride	5.036	41	237407	54.372	ug/l	91
15) Acrylonitrile	5.730	53	380182	228.041	ug/l	99
16) Acetone	4.441	43	422419	300.861	ug/l	99
17) Carbon Disulfide	4.724	76	415844	44.574	ug/l	97
18) Methyl Acetate	5.041	43	215440	45.275	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	609168	49.940	ug/l	99
20) Methylene Chloride	5.288	84	198726	47.804	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	191141	47.090	ug/l	98
22) Diisopropyl ether	6.683	45	533572	51.818	ug/l	99
23) Vinyl Acetate	6.612	43	1695026	254.705	ug/l	99
24) 1,1-Dichloroethane	6.577	63	335498	48.880	ug/l	99
25) 2-Butanone	7.488	43	518183	241.635	ug/l	96
26) 2,2-Dichloropropane	7.494	77	298972	51.681	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	230257	48.637	ug/l	99
28) Bromochloromethane	7.818	49	146426	52.633	ug/l	95
29) Tetrahydrofuran	7.841	42	306778	231.785	ug/l	98
30) Chloroform	7.971	83	379026	49.907	ug/l	99
31) Cyclohexane	8.265	56	302554	44.967	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	346051	49.907	ug/l	96
36) 1,1-Dichloropropene	8.377	75	270710	48.710	ug/l	99
37) Ethyl Acetate	7.565	43	199490	44.755	ug/l	98
38) Carbon Tetrachloride	8.371	117	311231	50.218	ug/l	97
39) Methylcyclohexane	9.606	83	350522	51.647	ug/l	97
40) Benzene	8.612	78	806336	48.521	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	112082	48.020	ug/l	97
42) 1,2-Dichloroethane	8.676	62	282253	49.641	ug/l	99
43) Isopropyl Acetate	8.694	43	355345	49.001	ug/l	99
44) Trichloroethene	9.359	130	217811	46.341	ug/l	100
45) 1,2-Dichloropropane	9.623	63	195930	49.244	ug/l	97
46) Dibromomethane	9.712	93	144882	48.230	ug/l	99
47) Bromodichloromethane	9.888	83	301065	51.673	ug/l	95
48) Methyl methacrylate	9.682	41	168859	49.185	ug/l	97
49) 1,4-Dioxane	9.700	88	64549	891.053	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1028828	241.673	ug/l	98
52) Toluene	10.635	92	539766	48.570	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	305720	55.044	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	334642	52.371	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	206420	48.594	ug/l	98
56) Ethyl methacrylate	10.876	69	290570	52.984	ug/l	98
57) 1,3-Dichloropropane	11.165	76	337920	48.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	419474	226.574	ug/l	99
59) 2-Hexanone	11.194	43	769696	249.501	ug/l	100
60) Dibromochloromethane	11.359	129	241713	54.055	ug/l	100
61) 1,2-Dibromoethane	11.470	107	207738	48.994	ug/l	99
64) Tetrachloroethene	11.106	164	209149	41.611	ug/l	99
65) Chlorobenzene	11.894	112	571865	48.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	223596	51.008	ug/l	100
67) Ethyl Benzene	11.965	91	1043561	51.753	ug/l	100
68) m/p-Xylenes	12.070	106	827773	102.376	ug/l	99
69) o-Xylene	12.400	106	405553	51.075	ug/l	97
70) Styrene	12.412	104	672173	53.017	ug/l	99
71) Bromoform	12.582	173	168892	53.351	ug/l #	99
73) Isopropylbenzene	12.700	105	1075142	50.536	ug/l	100
74) N-amyl acetate	12.500	43	303947	49.667	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	280643	45.888	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	346424	69.517	ug/l	87
77) Bromobenzene	12.982	156	250922	50.453	ug/l	99
78) n-propylbenzene	13.041	91	1225677	51.059	ug/l	100
79) 2-Chlorotoluene	13.129	91	712376	48.361	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	909277	51.017	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	80252	48.553	ug/l	97
82) 4-Chlorotoluene	13.129	91	712376	48.361	ug/l	100
83) tert-Butylbenzene	13.441	119	794190	50.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	914819	51.188	ug/l	100
85) sec-Butylbenzene	13.617	105	1147206	52.155	ug/l	99
86) p-Isopropyltoluene	13.735	119	983384	54.368	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	478946	47.764	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	469045	49.174	ug/l	99
89) n-Butylbenzene	14.058	91	808603	56.315	ug/l	99
90) Hexachloroethane	14.335	117	171271	54.863	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	466705	46.730	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51538	48.479	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	256235	53.016	ug/l	99
94) Hexachlorobutadiene	15.505	225	137730	51.967	ug/l	98
95) Naphthalene	15.647	128	708492	49.599	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	241267	52.393	ug/l	99

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ClientSampleId :
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QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

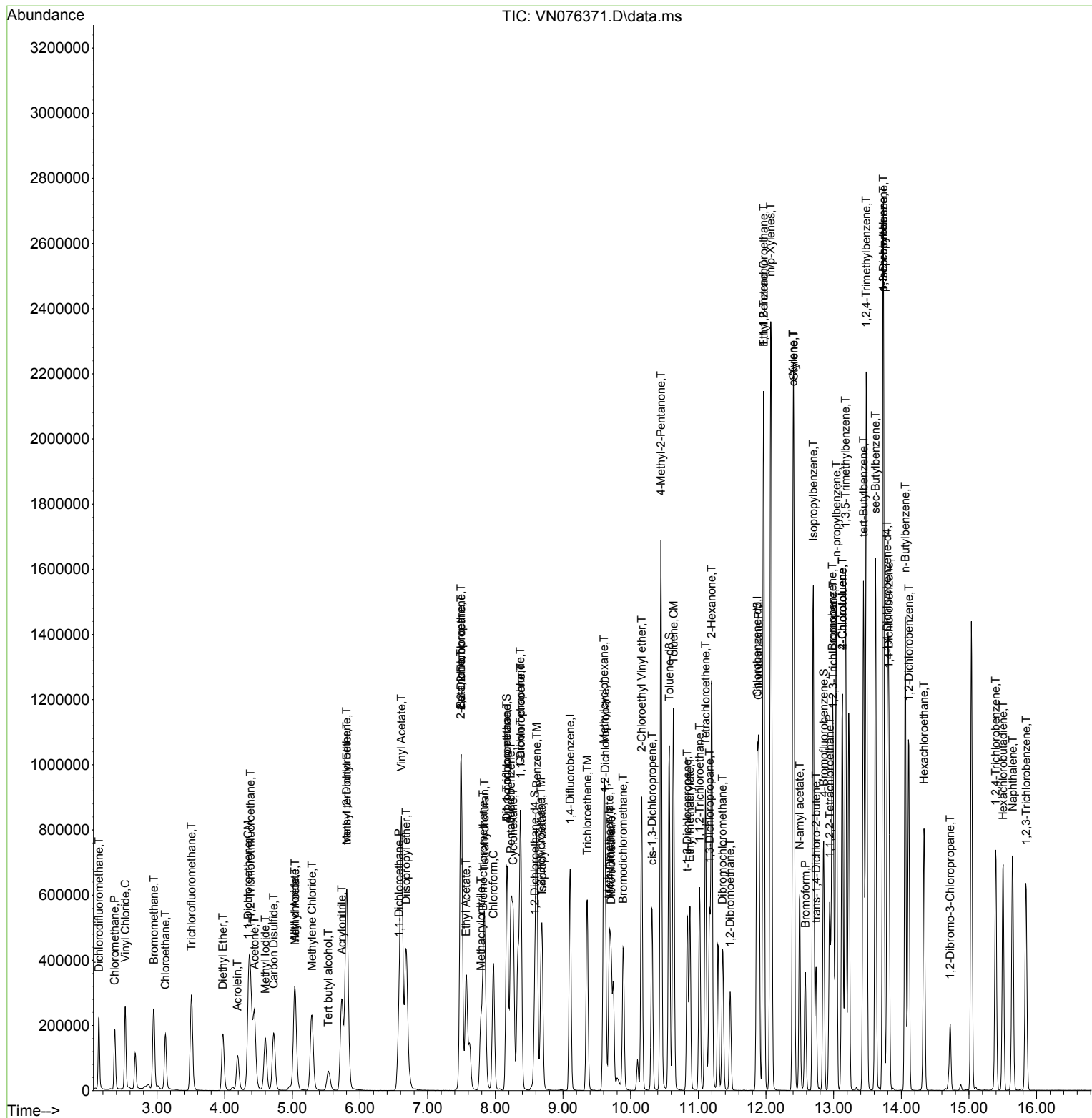
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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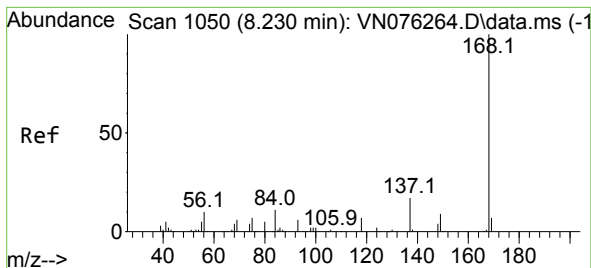
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. -0.001 min

Lab File: VN076371.D

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Instrument :

MSVOA_N

ClientSampleId :

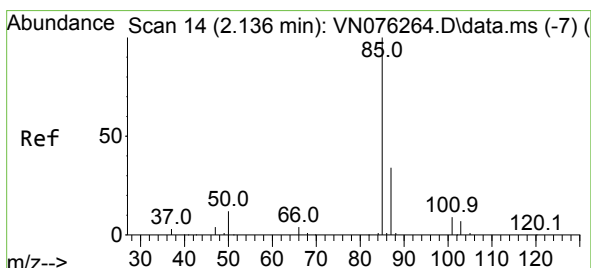
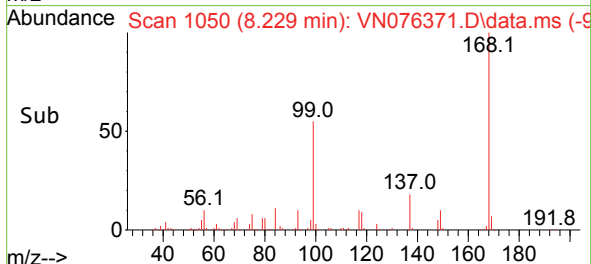
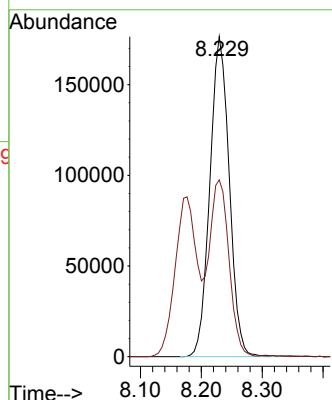
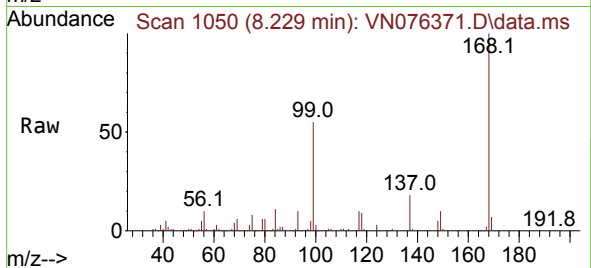
VSTDCCC050

Tgt Ion:168 Resp: 391184

Ion Ratio Lower Upper

168 100

99 55.0 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 46.803 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076371.D

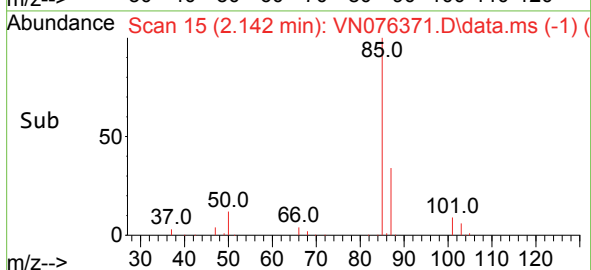
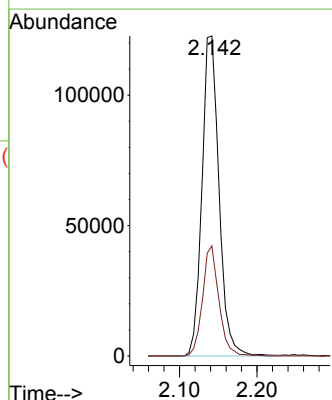
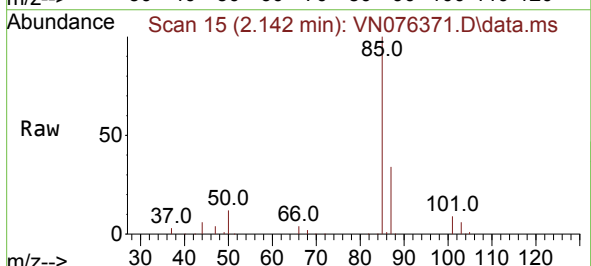
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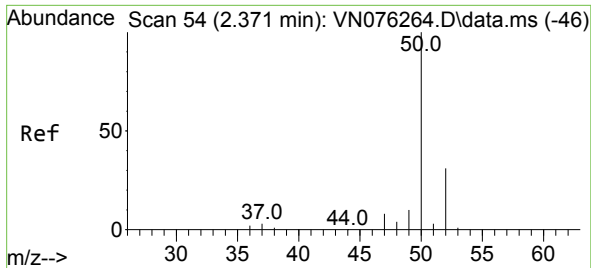
Tgt Ion: 85 Resp: 187619

Ion Ratio Lower Upper

85 100

87 34.4 17.1 51.2

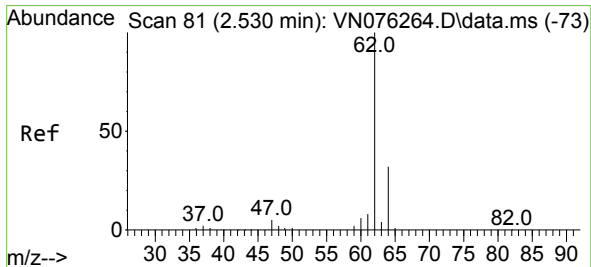
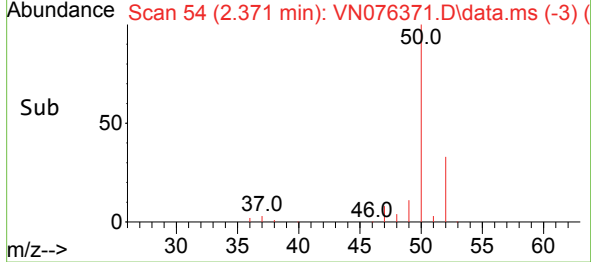
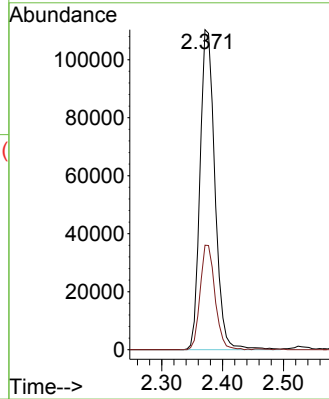
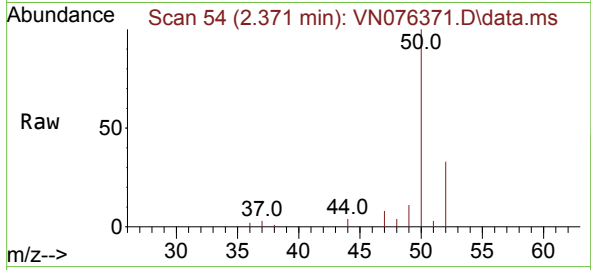




#3
Chloromethane
Concen: 45.089 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

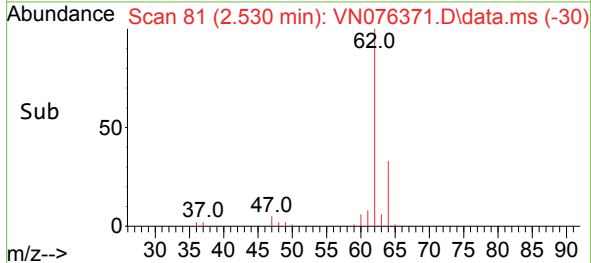
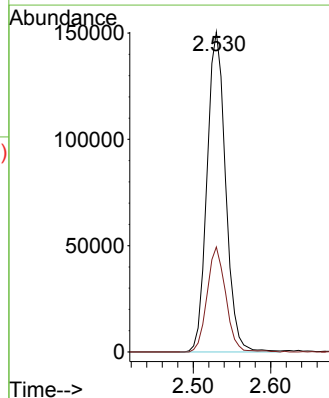
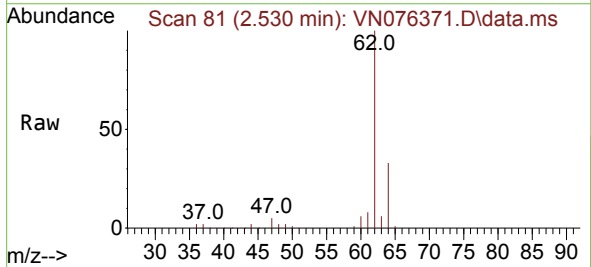
Instrument :
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ClientSampleId :
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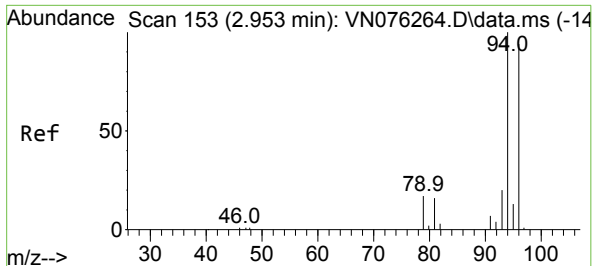
Tgt Ion: 50 Resp: 187140
Ion Ratio Lower Upper
50 100
52 32.6 24.8 37.2



#4
Vinyl Chloride
Concen: 49.362 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 62 Resp: 251218
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.6

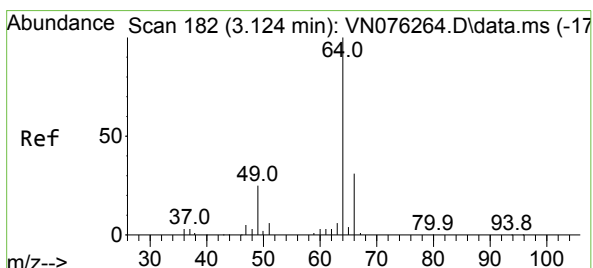
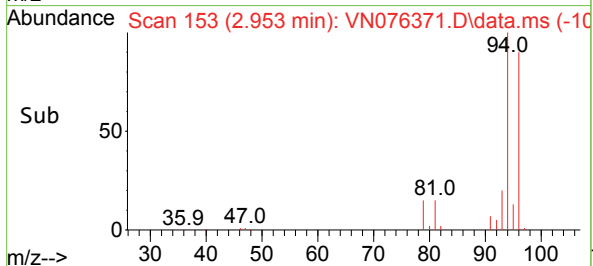
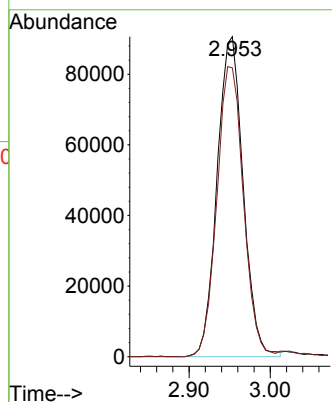
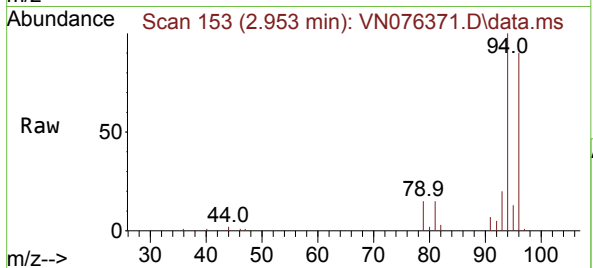




#5
Bromomethane
Concen: 48.509 ug/l
RT: 2.953 min Scan# 153
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

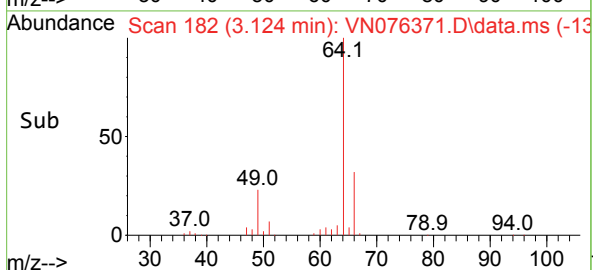
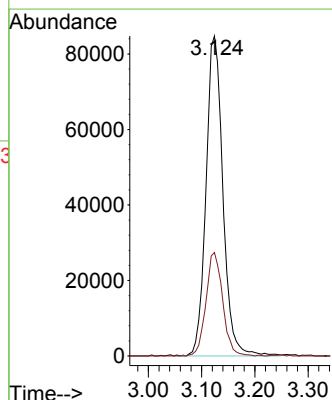
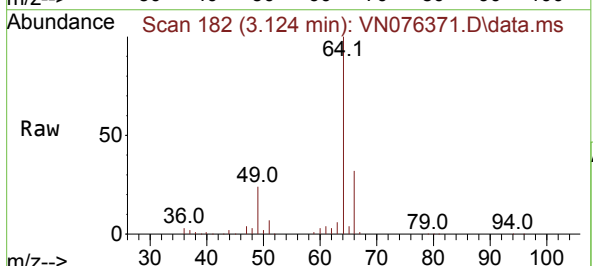
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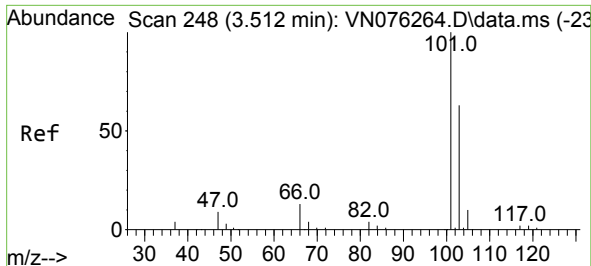
Tgt Ion: 94 Resp: 202171
Ion Ratio Lower Upper
94 100
96 90.2 75.1 112.7



#6
Chloroethane
Concen: 49.084 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 64 Resp: 187312
Ion Ratio Lower Upper
64 100
66 32.4 24.8 37.2

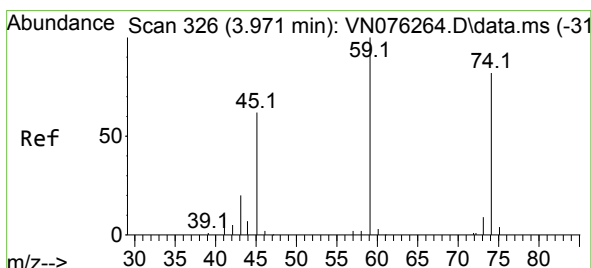
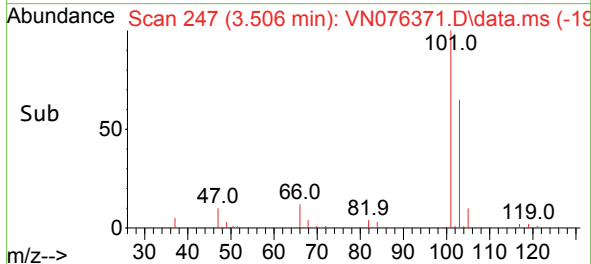
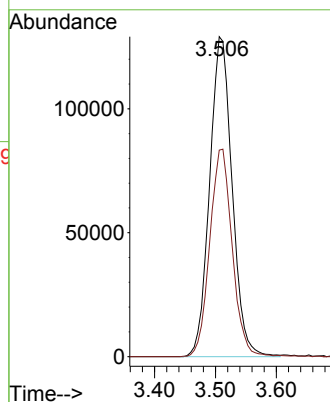
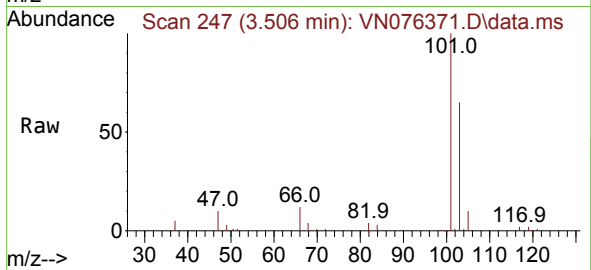




#7
Trichlorofluoromethane
Concen: 47.305 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

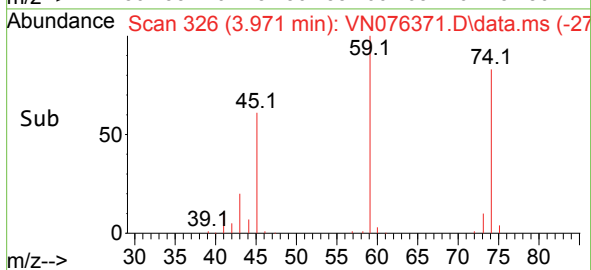
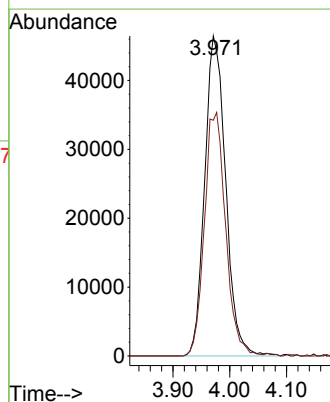
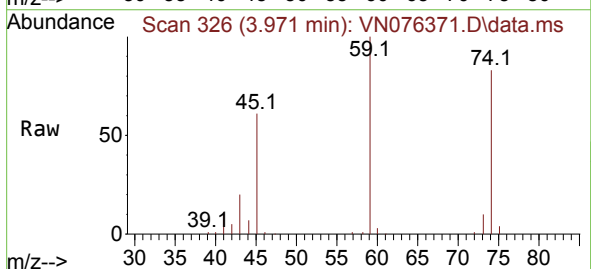
Instrument :
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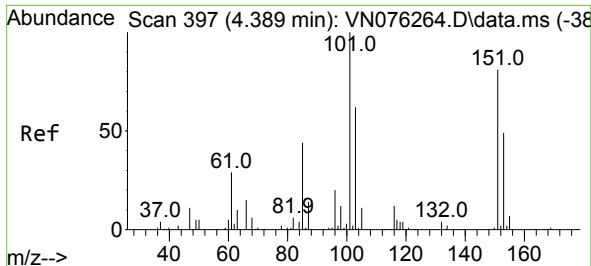
Tgt Ion:101 Resp: 331210
Ion Ratio Lower Upper
101 100
103 64.6 50.2 75.4



#8
Diethyl Ether
Concen: 50.717 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 74 Resp: 119106
Ion Ratio Lower Upper
74 100
45 76.9 37.8 113.3

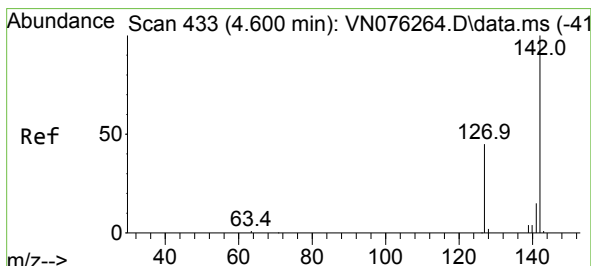
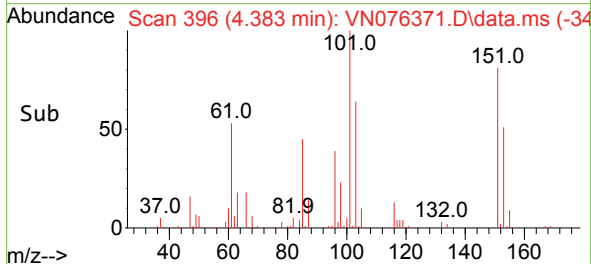
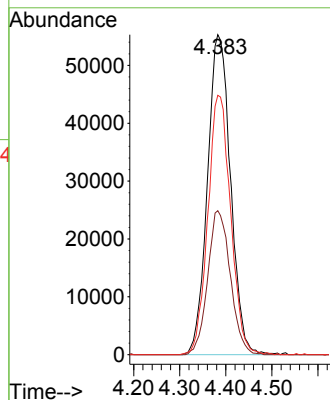
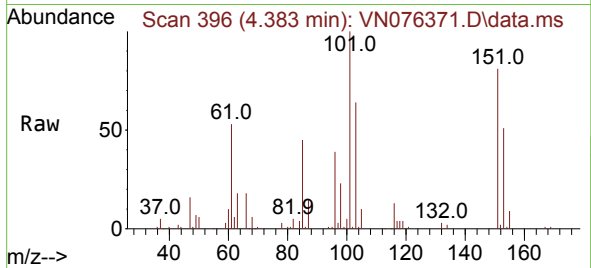




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.577 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

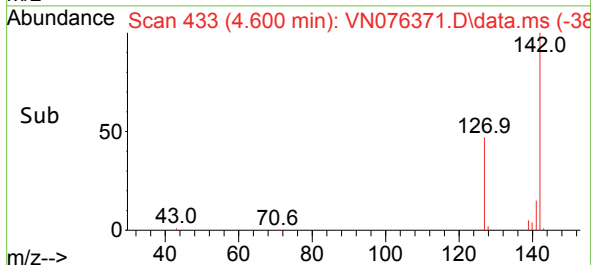
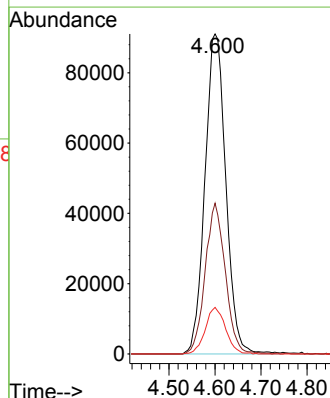
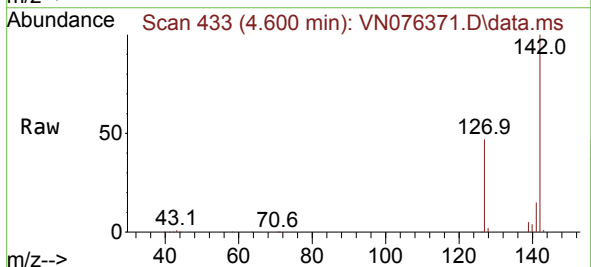
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

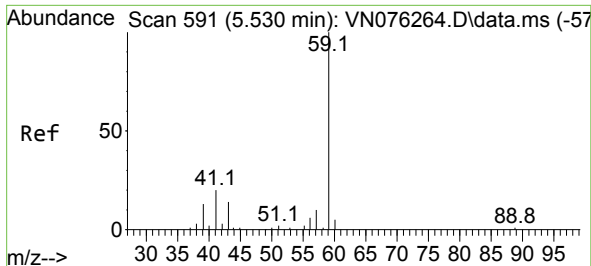
Tgt Ion:101 Resp: 192543
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 80.1 65.5 98.3



#10
Methyl Iodide
Concen: 47.526 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:142 Resp: 287742
Ion Ratio Lower Upper
142 100
127 45.3 35.0 52.4
141 14.1 11.5 17.3

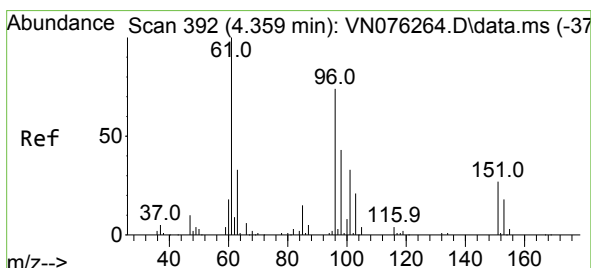
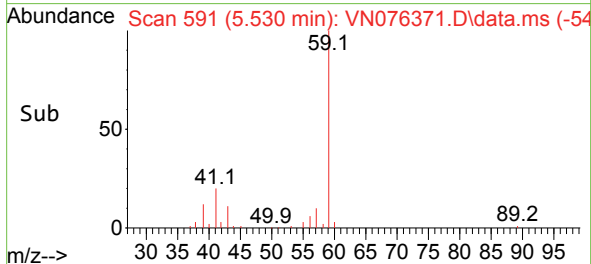
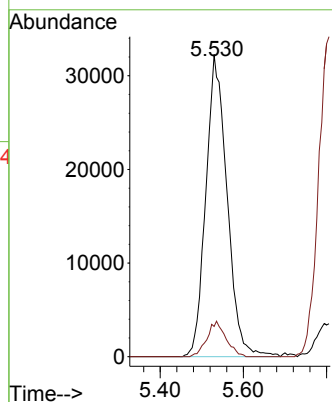
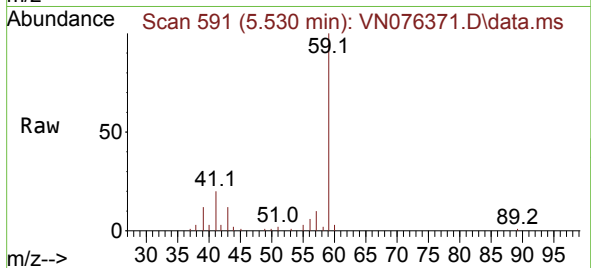




#11
Tert butyl alcohol
Concen: 195.324 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

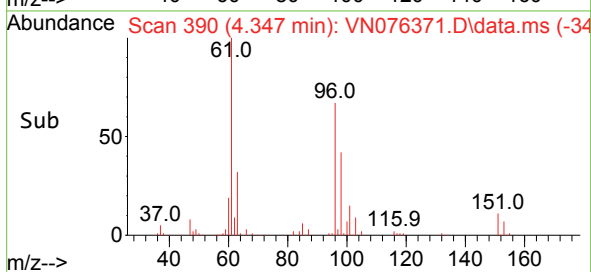
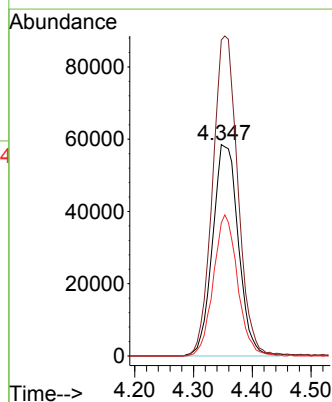
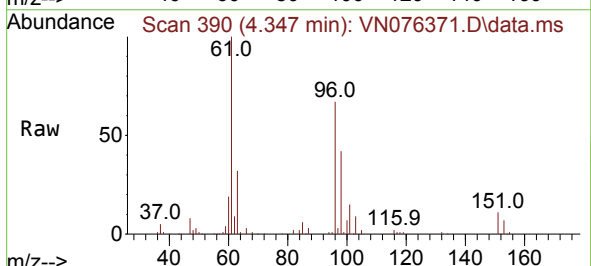
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

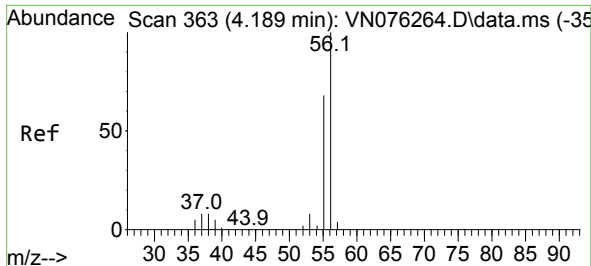
Tgt Ion: 59 Resp: 114432
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 47.560 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.012 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 96 Resp: 178201
Ion Ratio Lower Upper
96 100
61 149.5 108.2 162.4
98 62.9 47.0 70.6

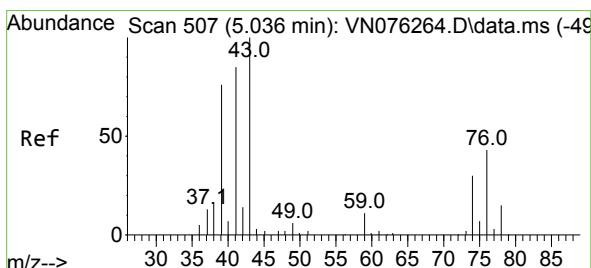
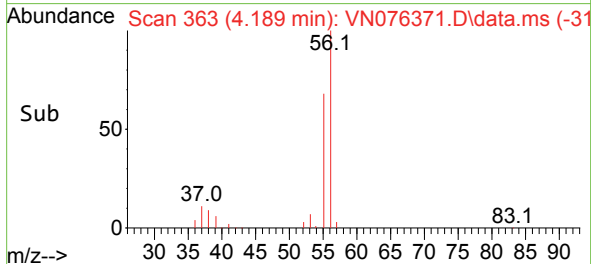
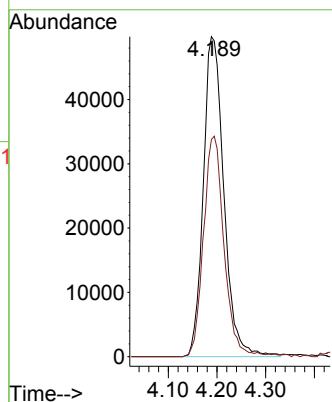
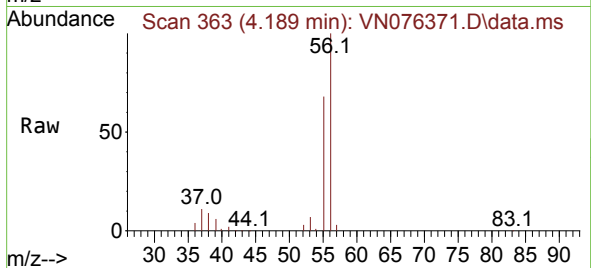




#13
Acrolein
Concen: 207.743 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

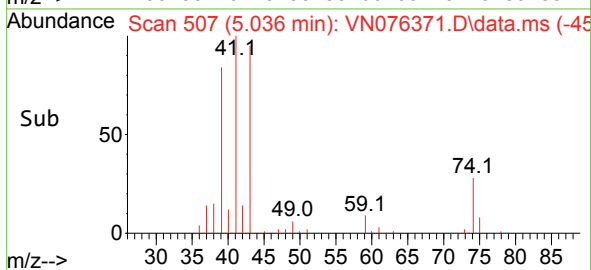
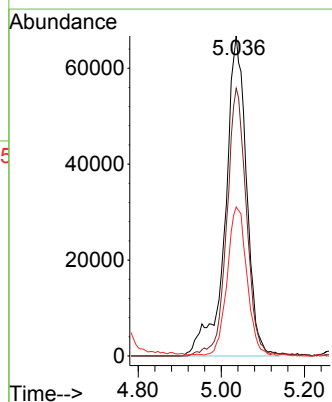
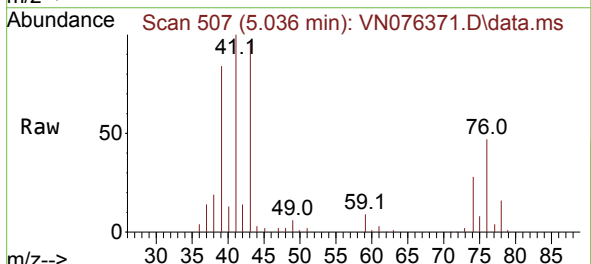
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

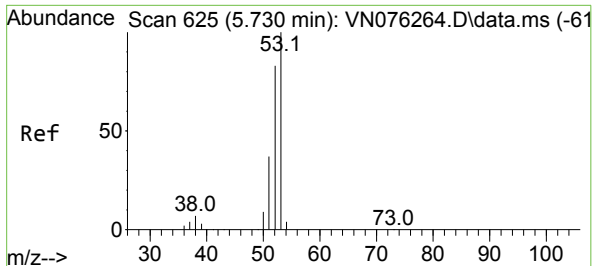
Tgt Ion: 56 Resp: 145551
Ion Ratio Lower Upper
56 100
55 68.6 55.8 83.6



#14
Allyl chloride
Concen: 54.372 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 41 Resp: 237407
Ion Ratio Lower Upper
41 100
39 77.1 67.4 101.0
76 42.6 39.8 59.8

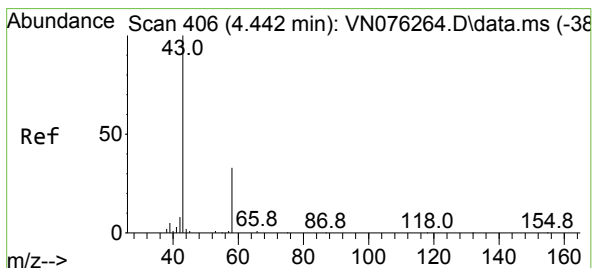
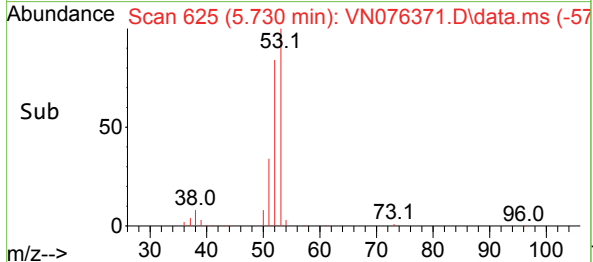
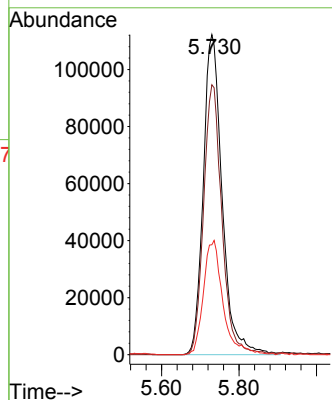
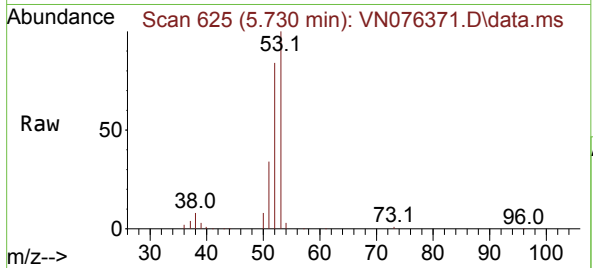




#15
Acrylonitrile
Concen: 228.041 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

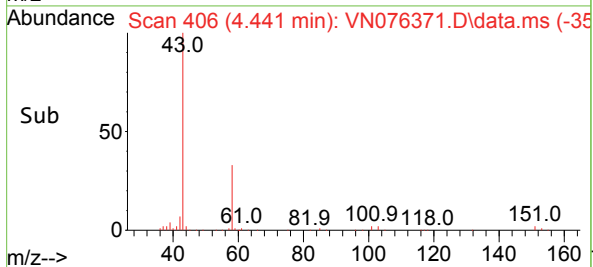
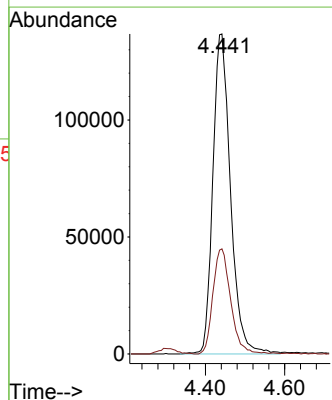
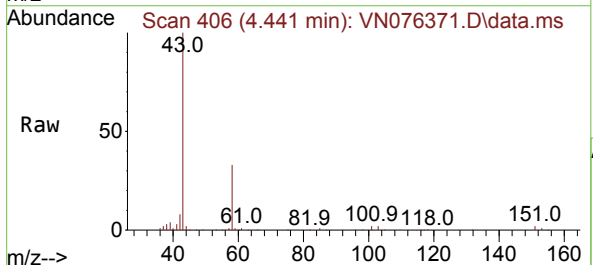
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

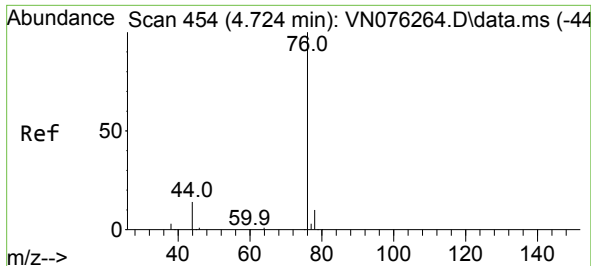
Tgt Ion: 53 Resp: 380182
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 36.9 29.2 43.8



#16
Acetone
Concen: 300.861 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 43 Resp: 422419
Ion Ratio Lower Upper
43 100
58 32.7 26.7 40.1

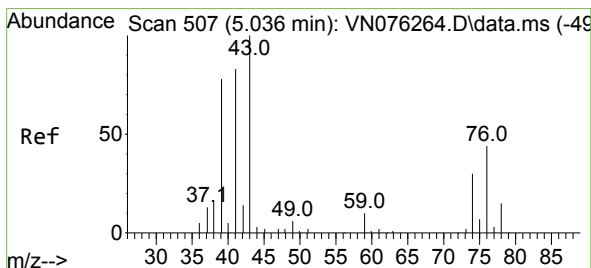
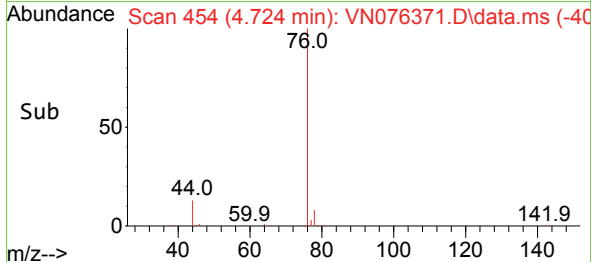
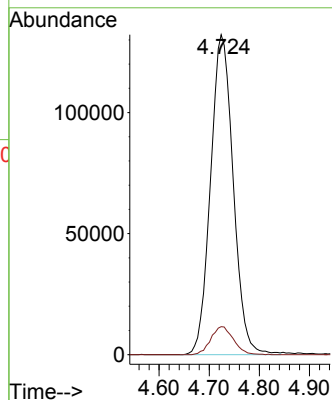
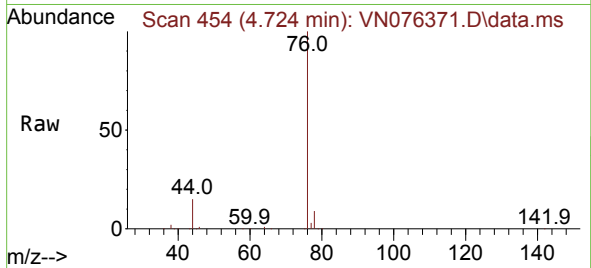




#17
Carbon Disulfide
Concen: 44.574 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

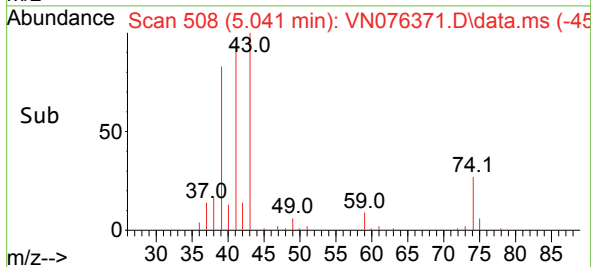
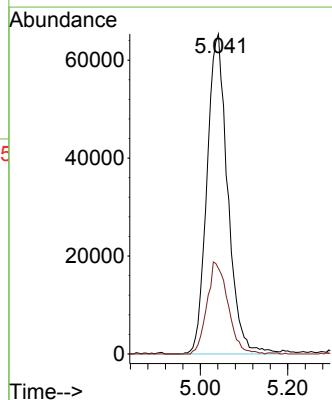
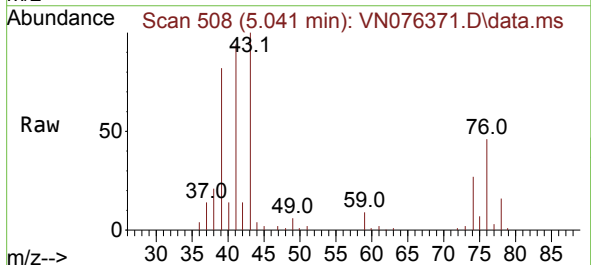
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

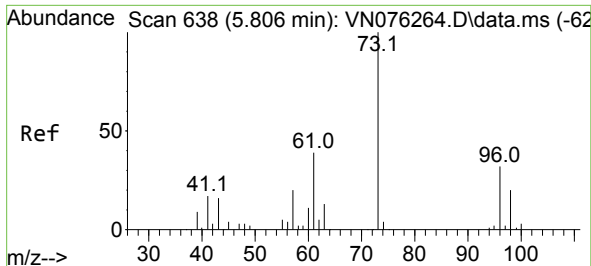
Tgt Ion: 76 Resp: 415844
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0



#18
Methyl Acetate
Concen: 45.275 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 43 Resp: 215440
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9

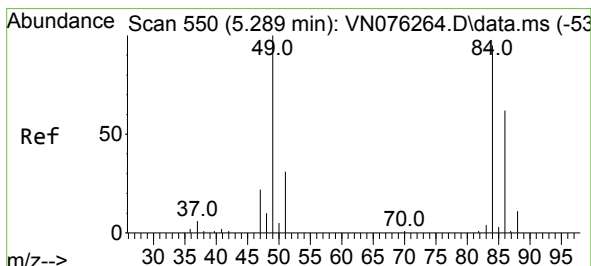
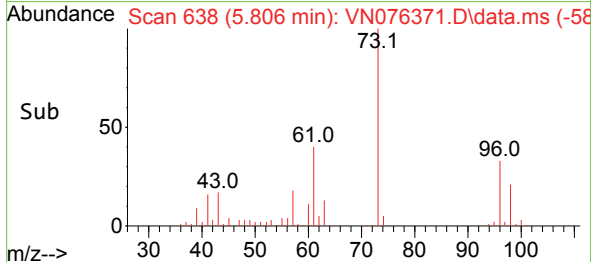
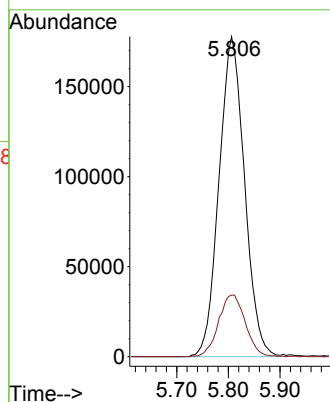
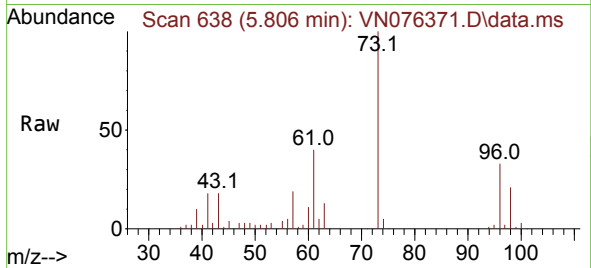




#19
Methyl tert-butyl Ether
Concen: 49.940 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

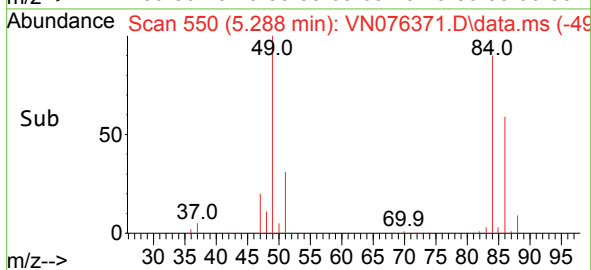
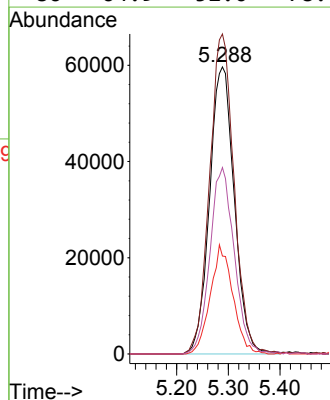
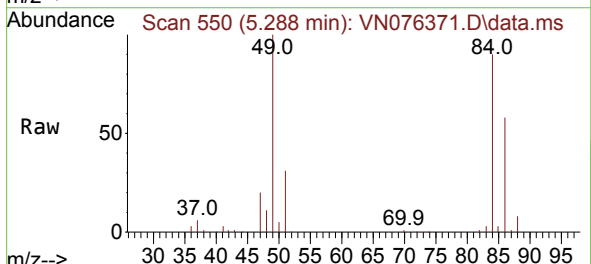
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

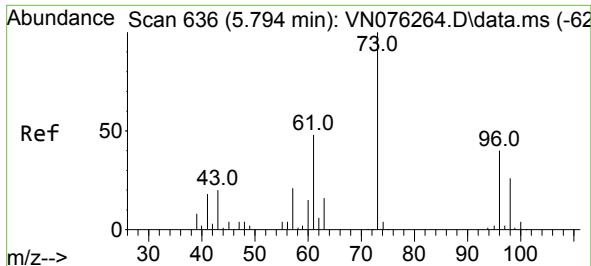
Tgt Ion: 73 Resp: 609168
Ion Ratio Lower Upper
73 100
57 19.2 15.9 23.9



#20
Methylene Chloride
Concen: 47.804 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 84 Resp: 198726
Ion Ratio Lower Upper
84 100
49 111.5 84.5 126.7
51 34.1 26.0 39.0
86 64.9 52.0 78.0

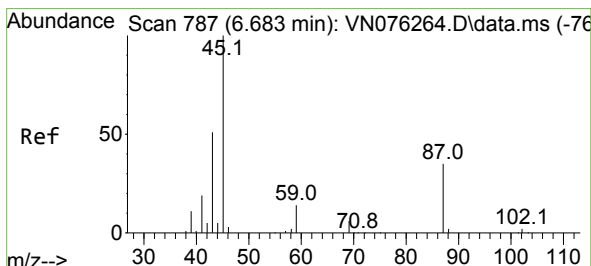
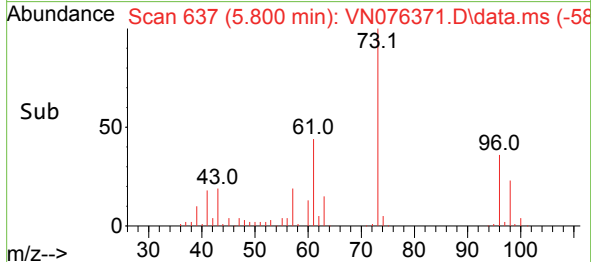
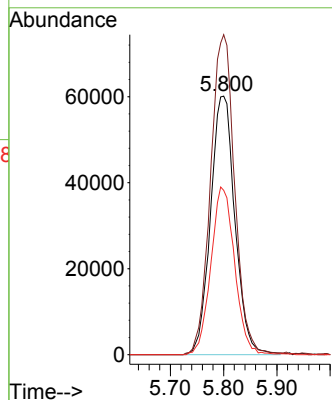
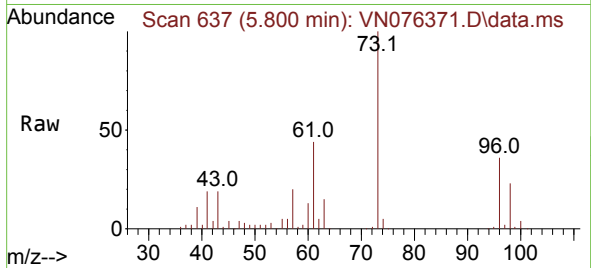




#21
trans-1,2-Dichloroethene
Concen: 47.090 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

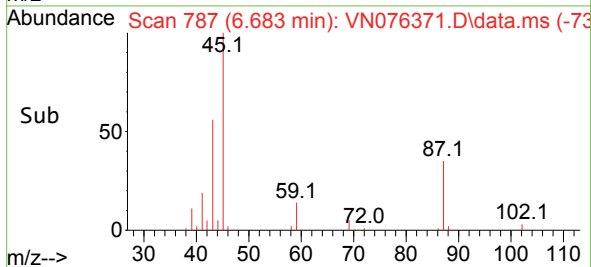
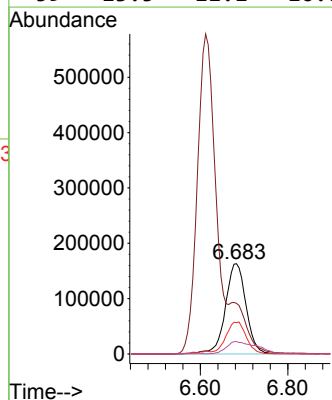
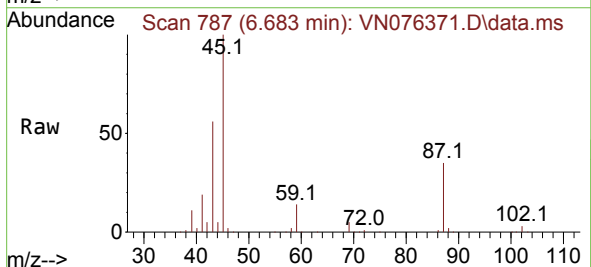
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

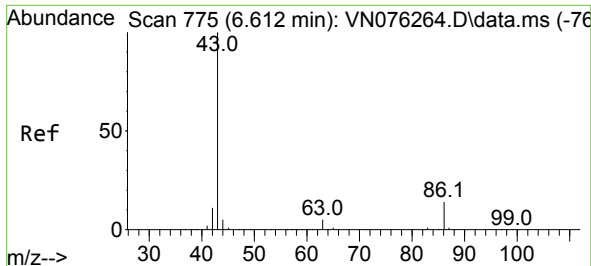
Tgt Ion: 96 Resp: 191141
Ion Ratio Lower Upper
96 100
61 123.8 97.0 145.4
98 63.6 51.9 77.9



#22
Diisopropyl ether
Concen: 51.818 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 45 Resp: 533572
Ion Ratio Lower Upper
45 100
43 54.7 44.4 66.6
87 34.5 28.4 42.6
59 13.5 11.1 16.7

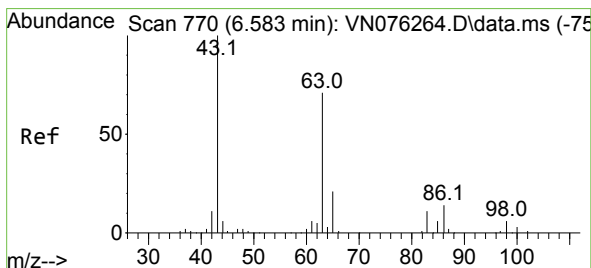
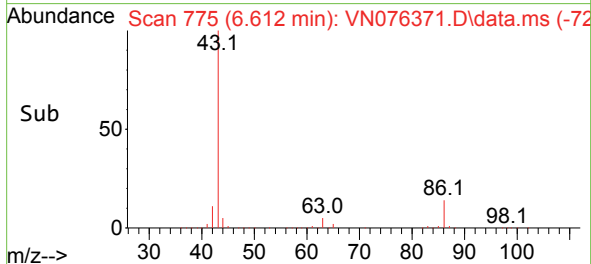
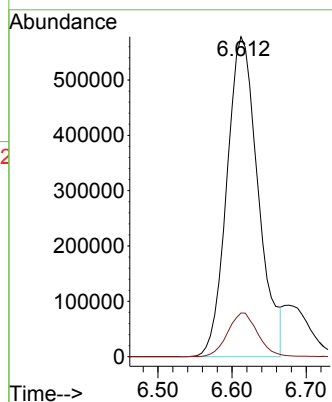
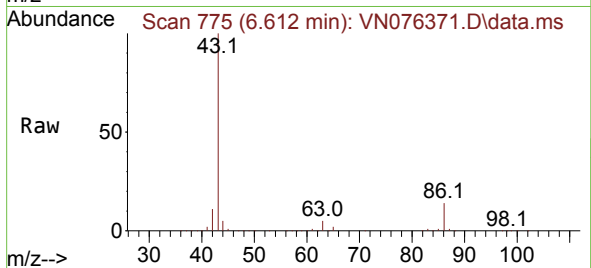




#23
 Vinyl Acetate
 Concen: 254.705 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

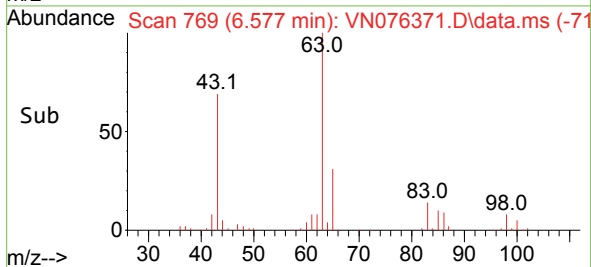
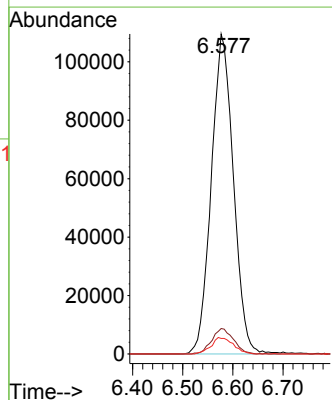
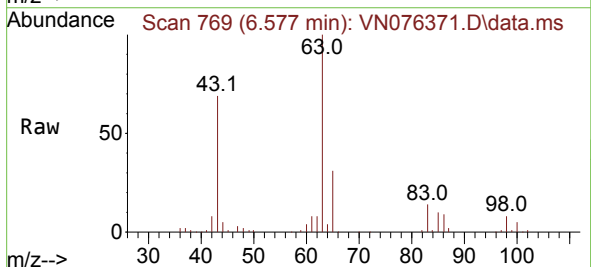
Instrument :
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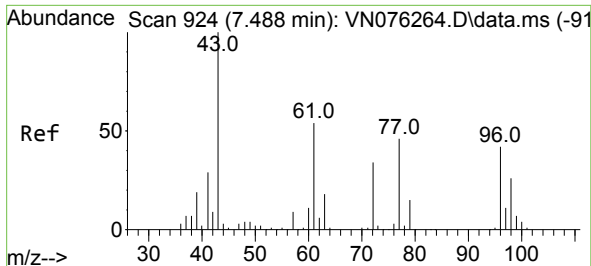
Tgt Ion: 43 Resp: 1695026
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 48.880 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

Tgt Ion: 63 Resp: 335498
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 241.635 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

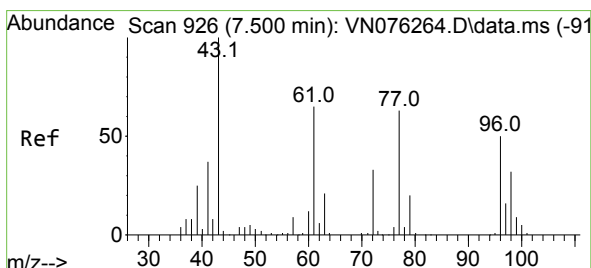
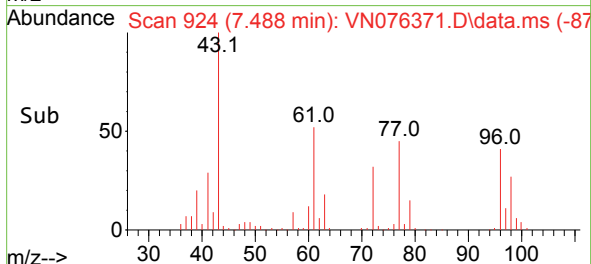
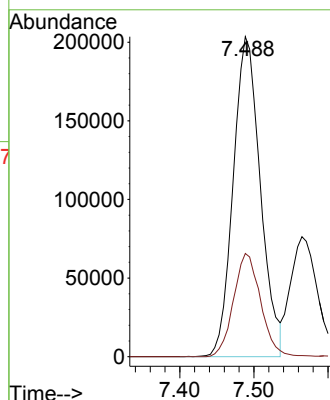
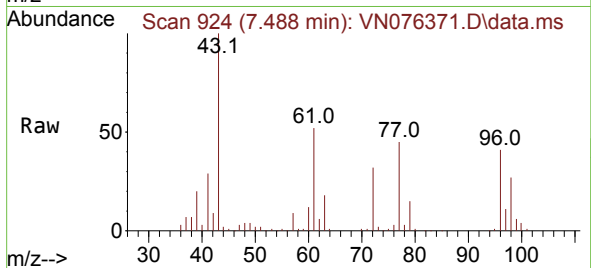
VSTDCCC050

Tgt Ion: 43 Resp: 518183

Ion Ratio Lower Upper

43 100

72 32.2 27.4 41.2



#26

2,2-Dichloropropane

Concen: 51.681 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076371.D

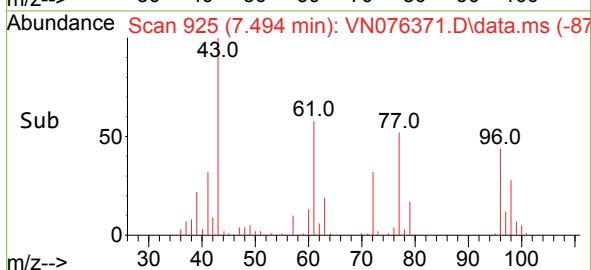
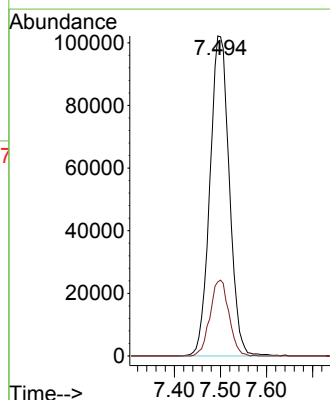
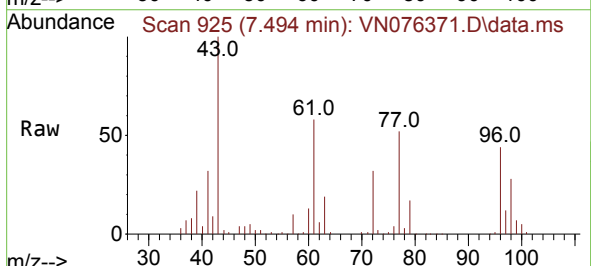
Acq: 24 Jan 2023 10:06

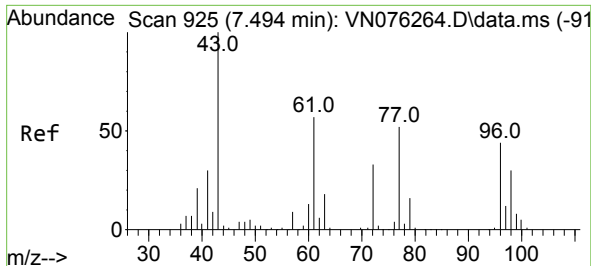
Tgt Ion: 77 Resp: 298972

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 48.637 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

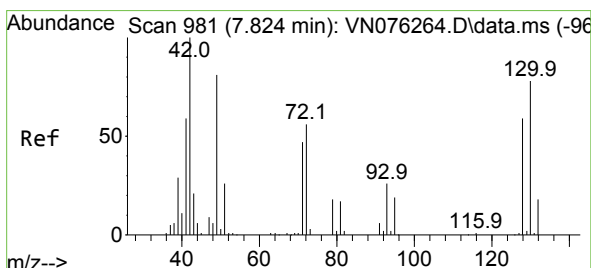
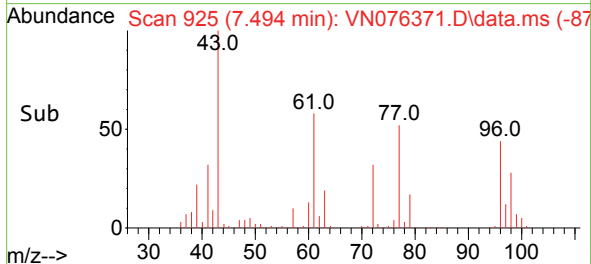
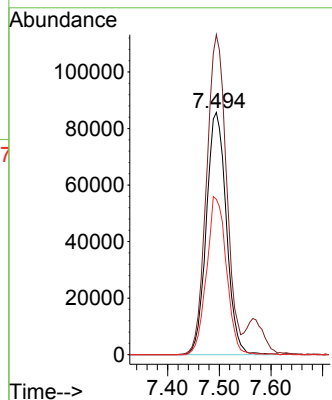
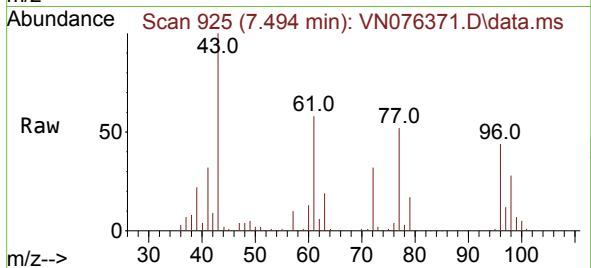
Tgt Ion: 96 Resp: 230257

Ion Ratio Lower Upper

96 100

61 131.6 0.0 259.6

98 64.6 0.0 129.4



#28

Bromochloromethane

Concen: 52.633 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

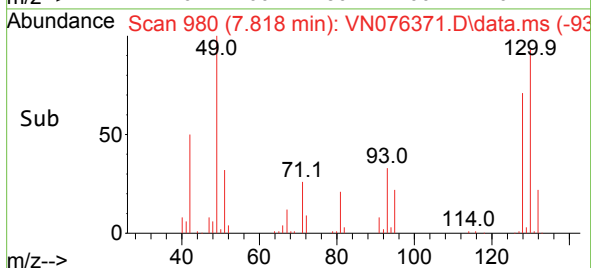
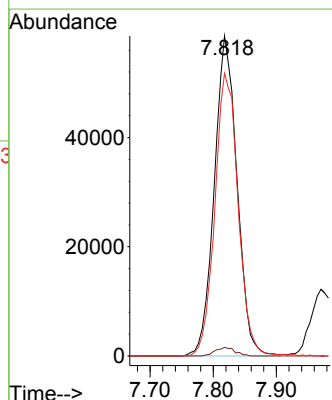
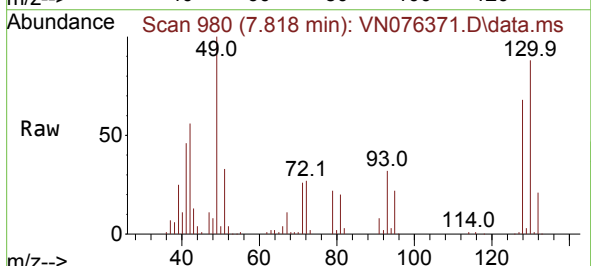
Tgt Ion: 49 Resp: 146426

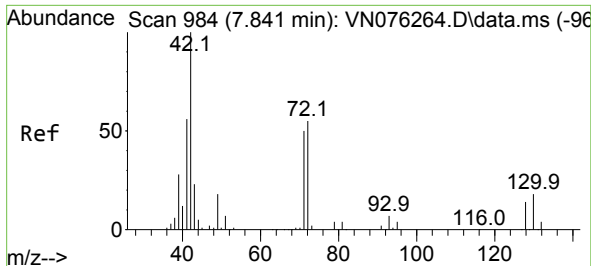
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 90.5 76.0 114.0

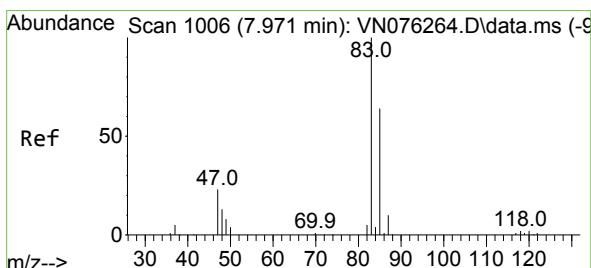
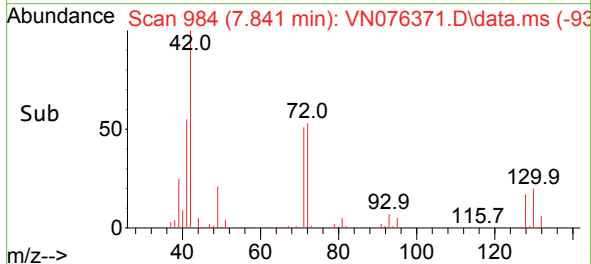
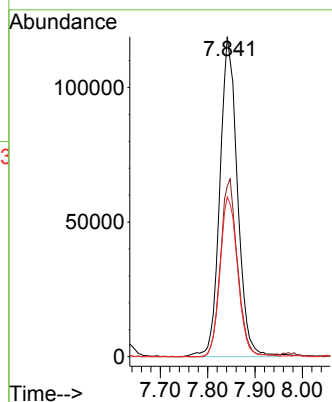
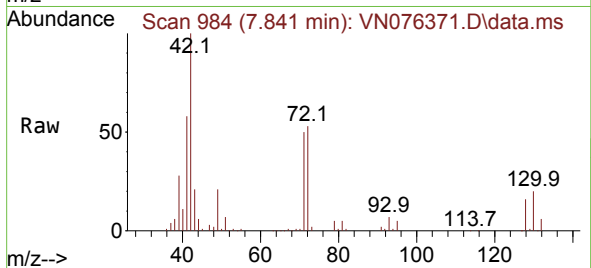




#29
Tetrahydrofuran
Concen: 231.785 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

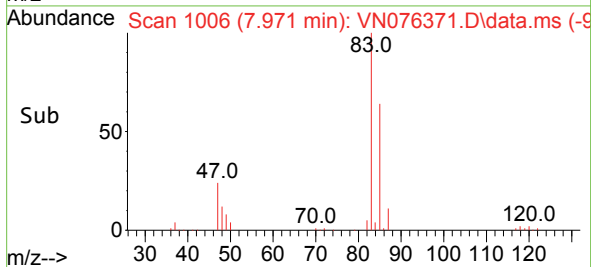
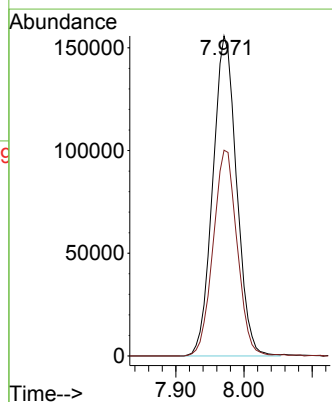
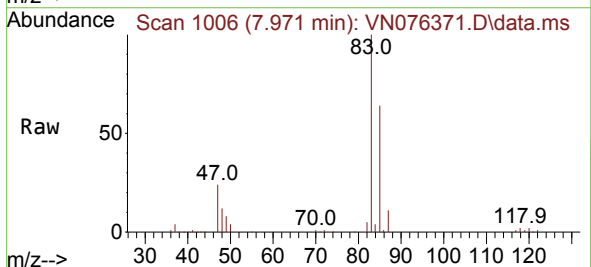
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

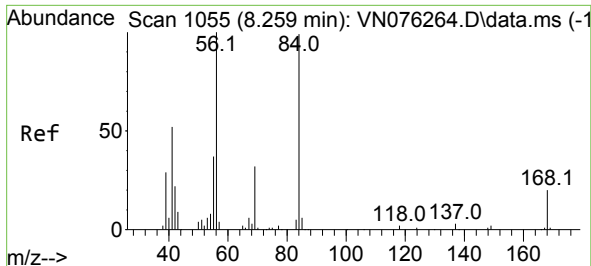
Tgt Ion: 42 Resp: 306778
Ion Ratio Lower Upper
42 100
72 53.8 44.0 66.0
71 50.1 41.1 61.7



#30
Chloroform
Concen: 49.907 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 83 Resp: 379026
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.6

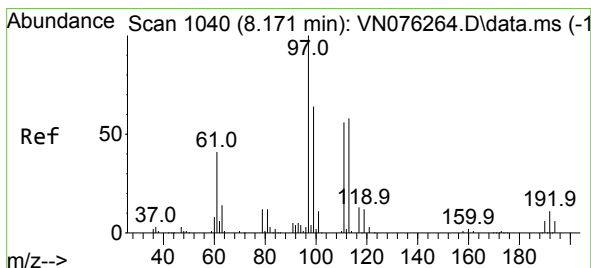
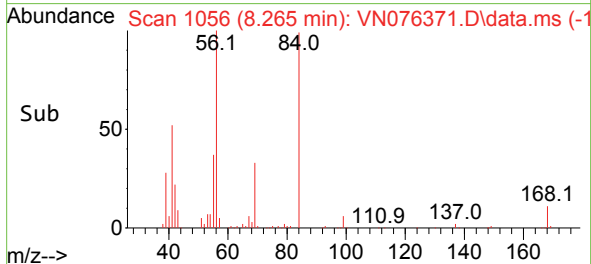
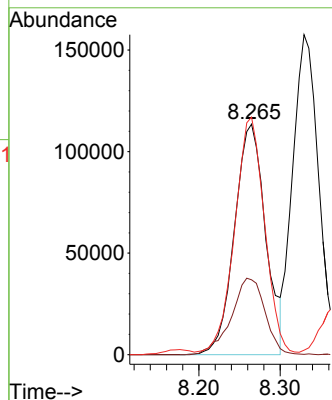
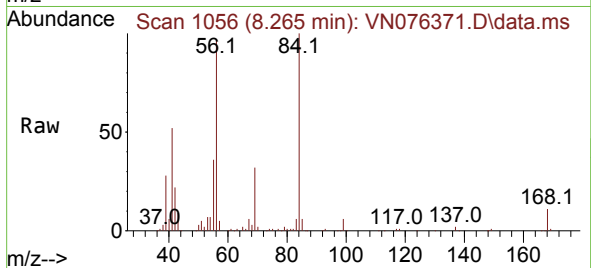




#31
Cyclohexane
Concen: 44.967 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

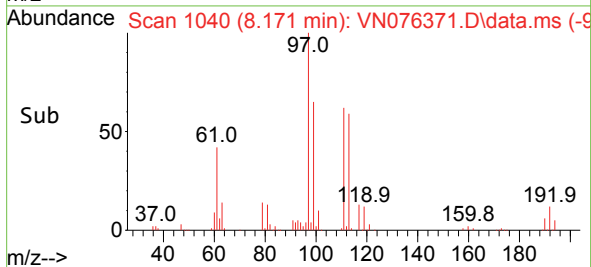
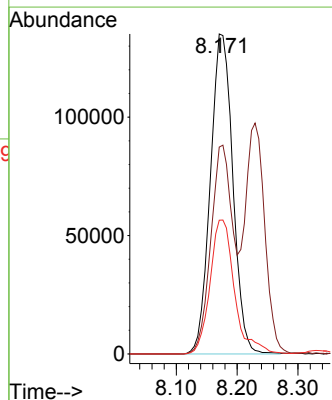
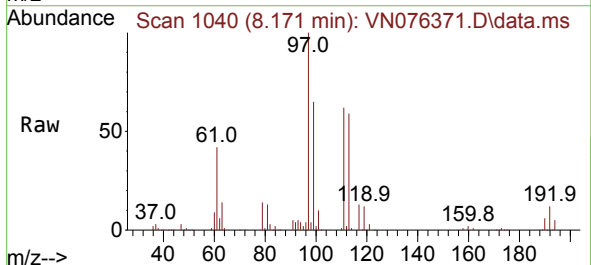
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

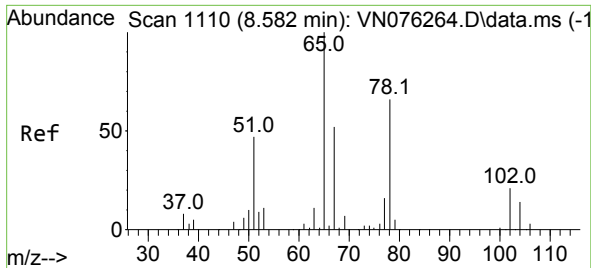
Tgt Ion: 56 Resp: 302554
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.8
84 100.9 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 49.907 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 97 Resp: 346051
Ion Ratio Lower Upper
97 100
99 63.0 55.0 82.4
61 45.7 36.2 54.4

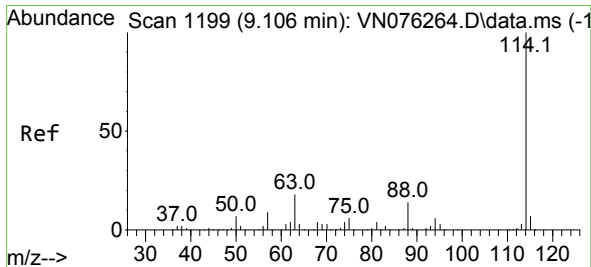
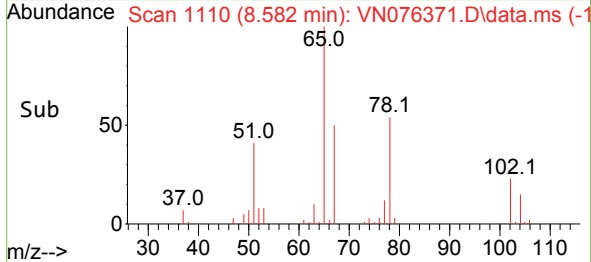
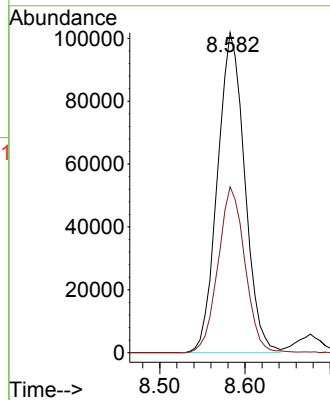
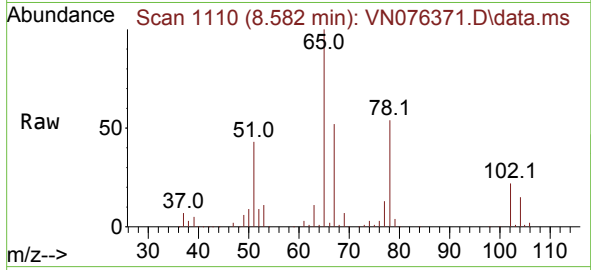




#33
1,2-Dichloroethane-d4
Concen: 51.686 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

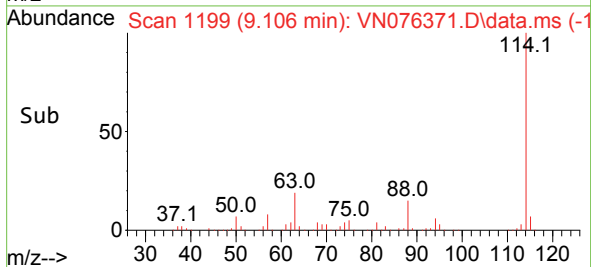
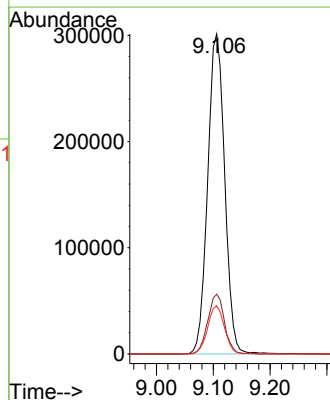
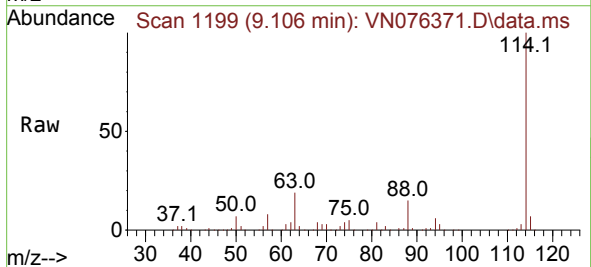
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

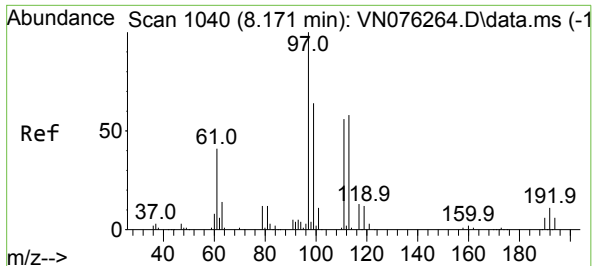
Tgt Ion: 65 Resp: 226388
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 114 Resp: 625240
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.8
88 15.1 0.0 28.0

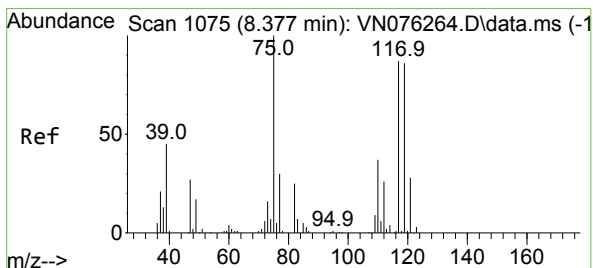
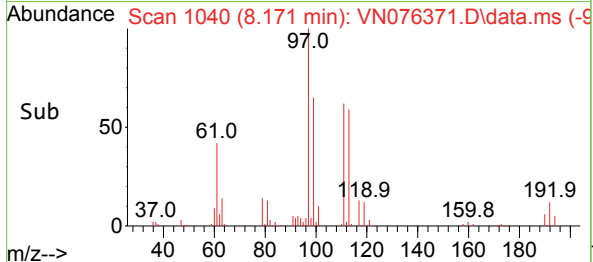
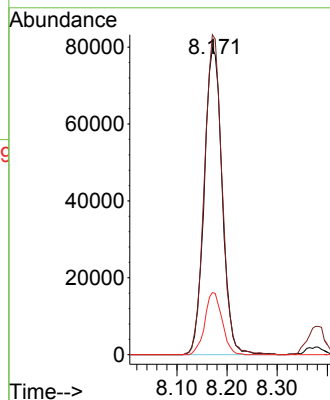
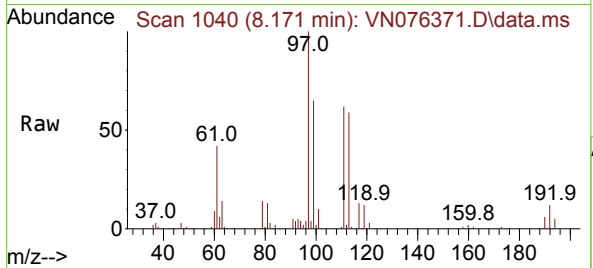




#35
Dibromofluoromethane
Concen: 50.726 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

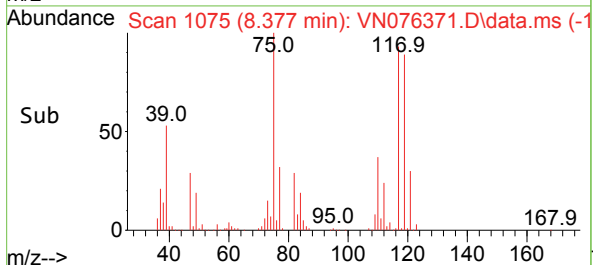
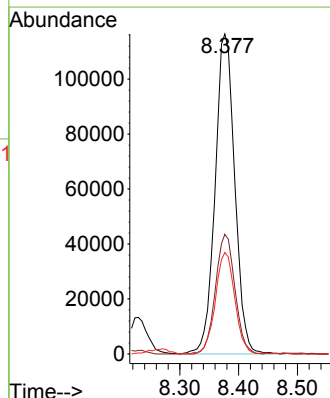
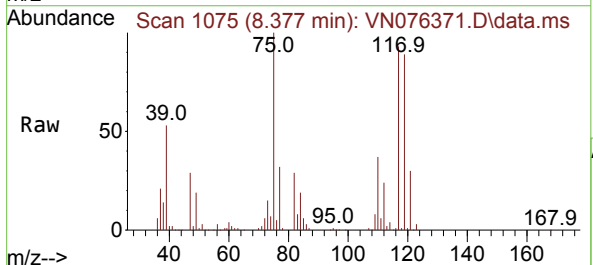
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

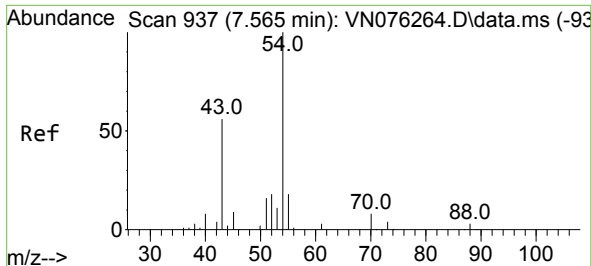
Tgt Ion:113 Resp: 198395
Ion Ratio Lower Upper
113 100
111 102.5 82.7 124.1
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 48.710 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.001 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 75 Resp: 270710
Ion Ratio Lower Upper
75 100
110 37.0 18.8 56.3
77 30.9 25.0 37.4

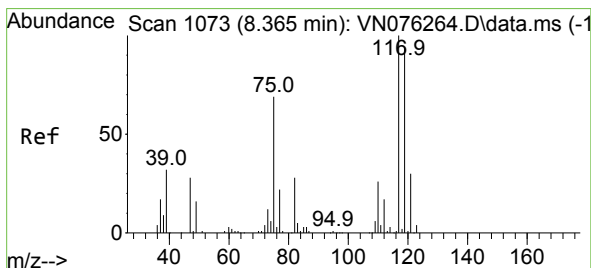
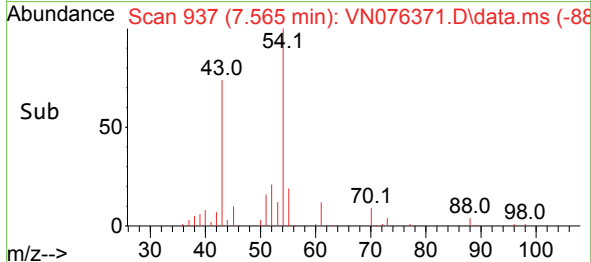
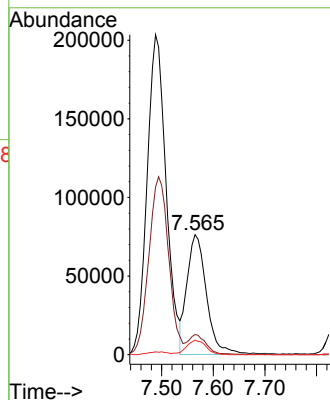
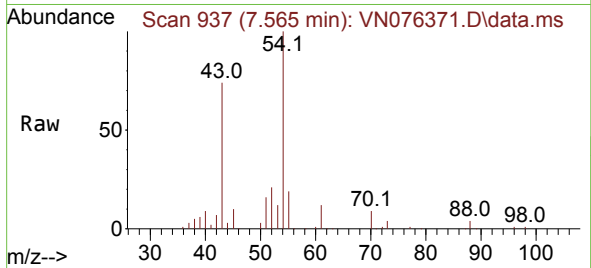




#37
Ethyl Acetate
Concen: 44.755 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

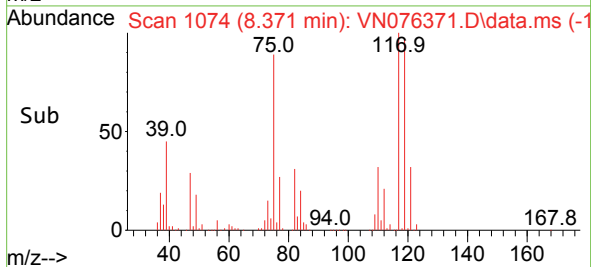
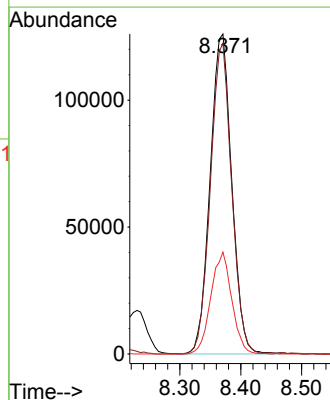
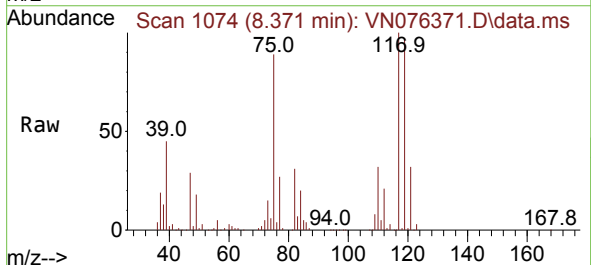
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

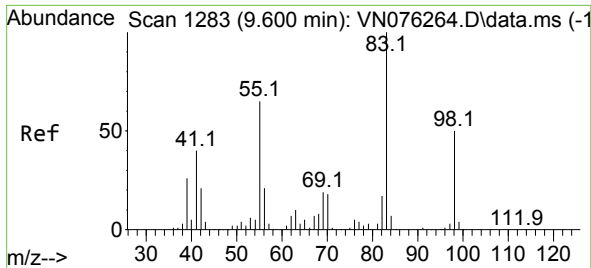
Tgt Ion: 43 Resp: 199490
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 12.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 50.218 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 117 Resp: 311231
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.0
121 31.8 24.2 36.2





#39

Methylcyclohexane

Concen: 51.647 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

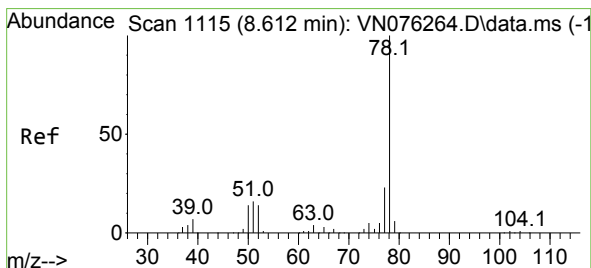
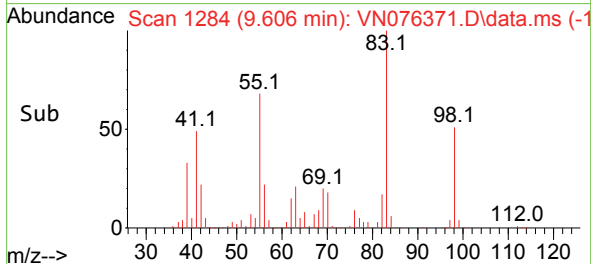
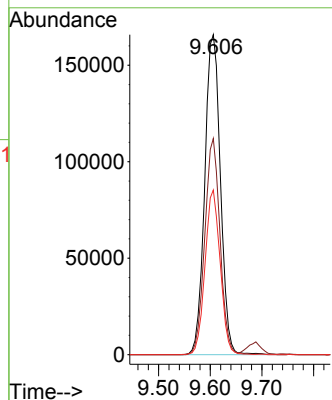
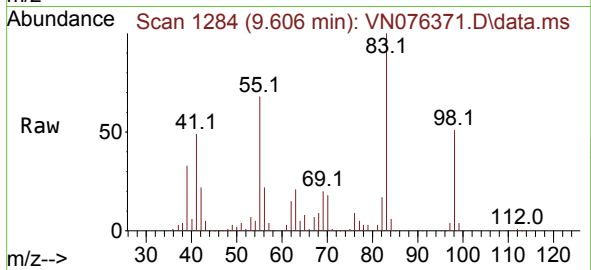
Tgt Ion: 83 Resp: 350522

Ion Ratio Lower Upper

83 100

55 67.6 51.7 77.5

98 51.5 40.0 60.0



#40

Benzene

Concen: 48.521 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076371.D

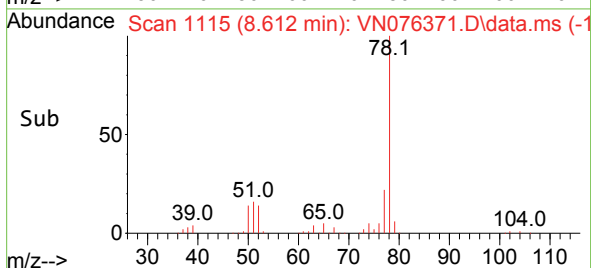
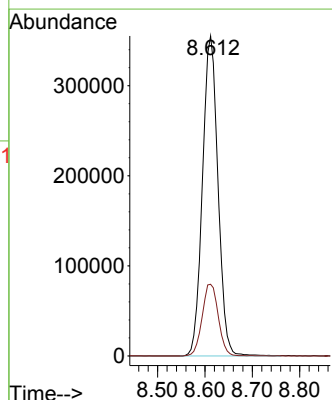
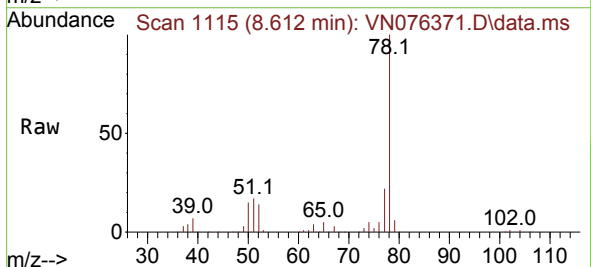
Acq: 24 Jan 2023 10:06

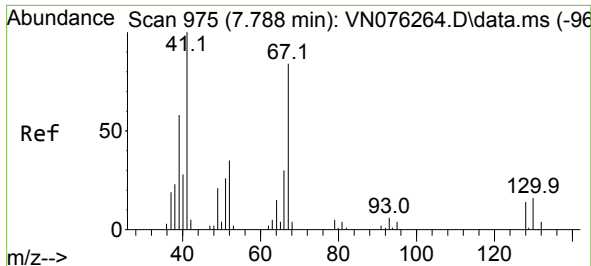
Tgt Ion: 78 Resp: 806336

Ion Ratio Lower Upper

78 100

77 22.4 18.6 28.0



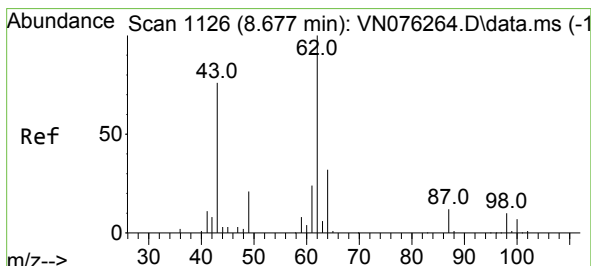
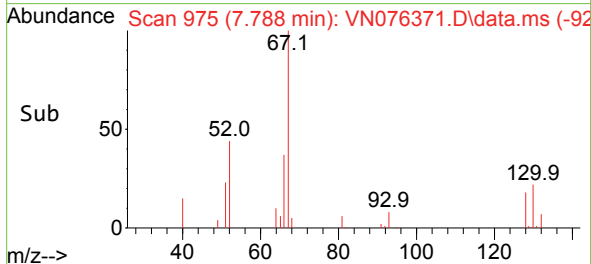
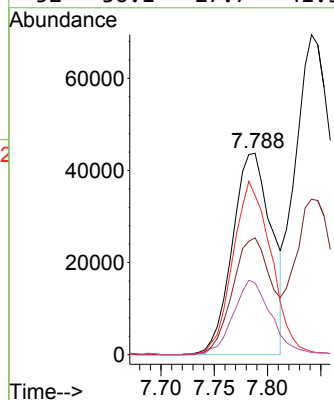
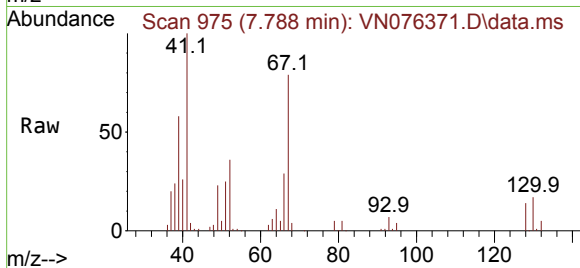


#41
Methacrylonitrile
Concen: 48.020 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 112082

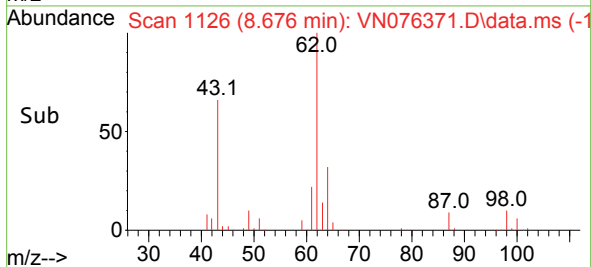
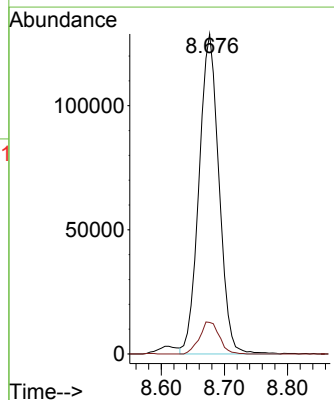
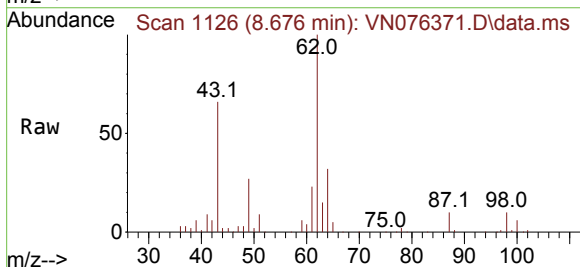
Ion	Ratio	Lower	Upper
41	100		
39	57.8	42.4	63.6
67	84.8	68.8	103.2
52	36.1	27.7	41.5

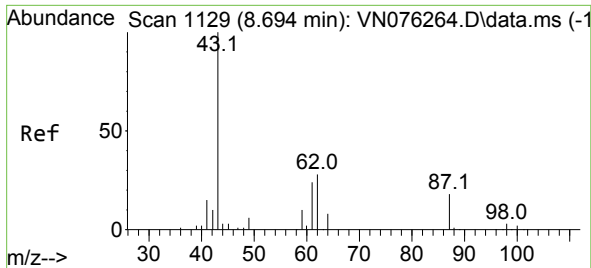


#42
1,2-Dichloroethane
Concen: 49.641 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 62 Resp: 282253

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4

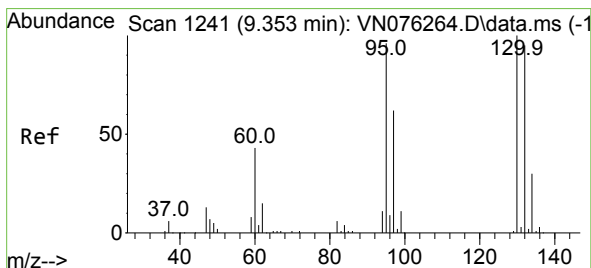
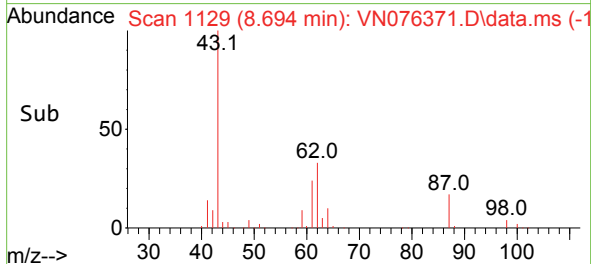
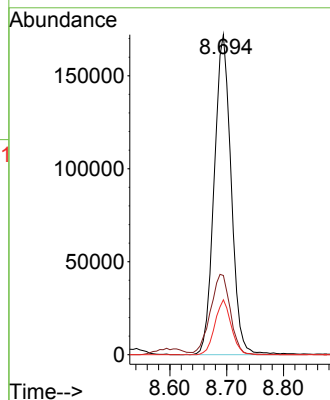
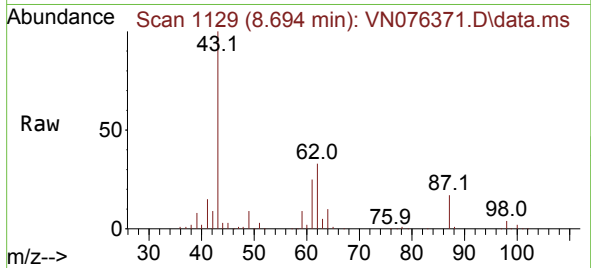




#43
Isopropyl Acetate
Concen: 49.001 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

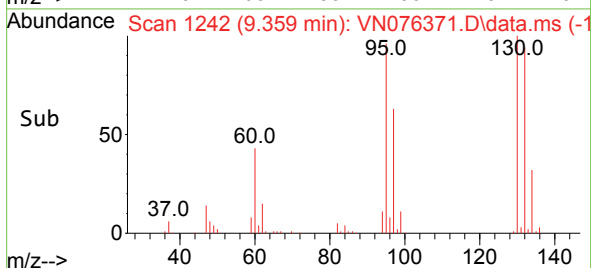
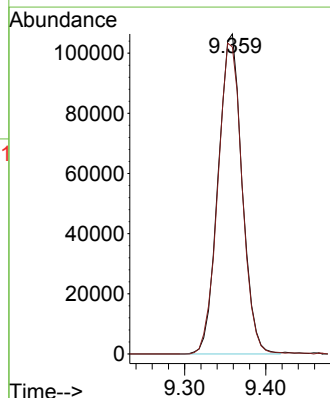
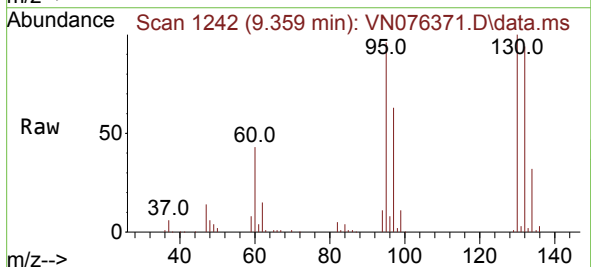
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

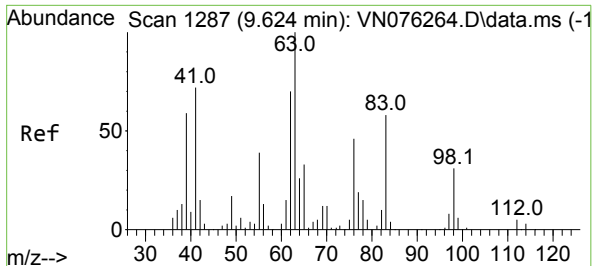
Tgt Ion: 43 Resp: 355345
Ion Ratio Lower Upper
43 100
61 29.3 23.5 35.3
87 16.5 13.8 20.6



#44
Trichloroethene
Concen: 46.341 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:130 Resp: 217811
Ion Ratio Lower Upper
130 100
95 95.9 0.0 192.0





#45

1,2-Dichloropropane

Concen: 49.244 ug/l

RT: 9.623 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

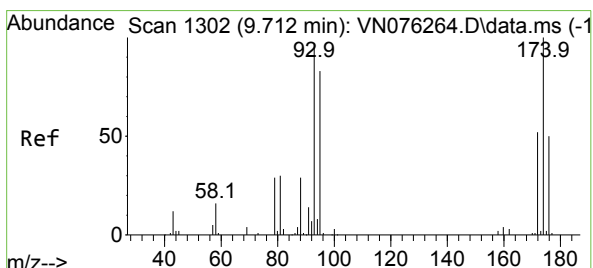
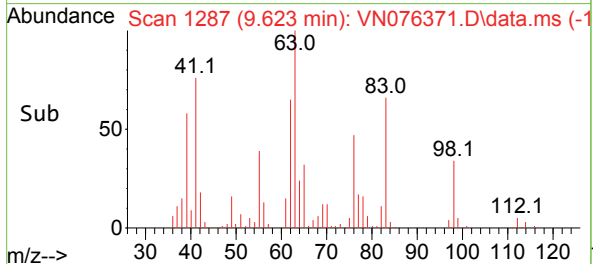
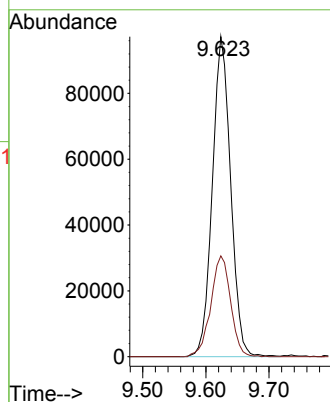
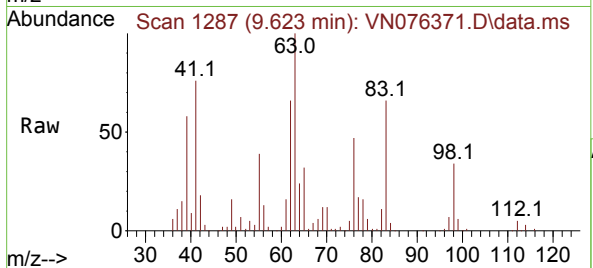
VSTDCCC050

Tgt Ion: 63 Resp: 195930

Ion Ratio Lower Upper

63 100

65 31.5 26.4 39.6



#46

Dibromomethane

Concen: 48.230 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

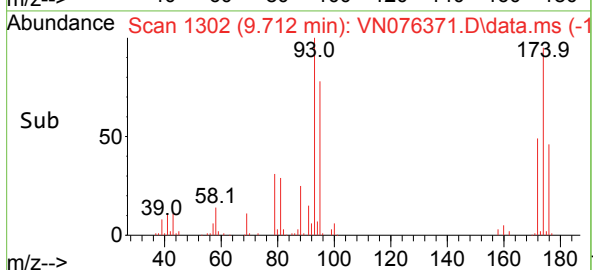
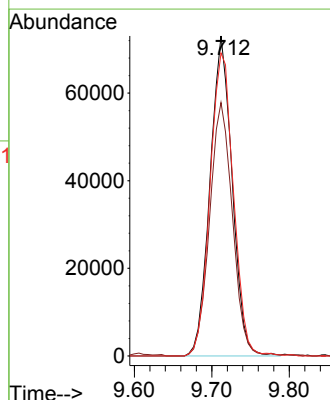
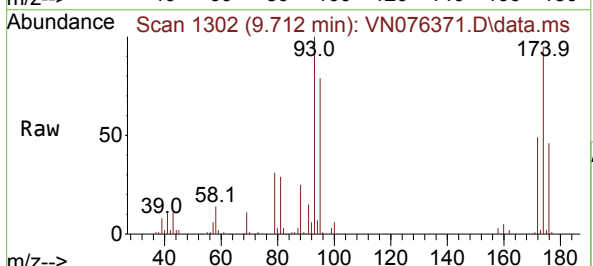
Tgt Ion: 93 Resp: 144882

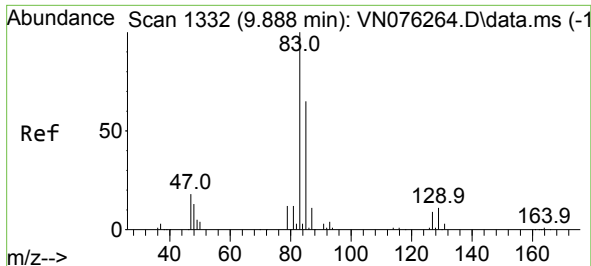
Ion Ratio Lower Upper

93 100

95 81.9 66.0 99.0

174 99.9 81.3 121.9

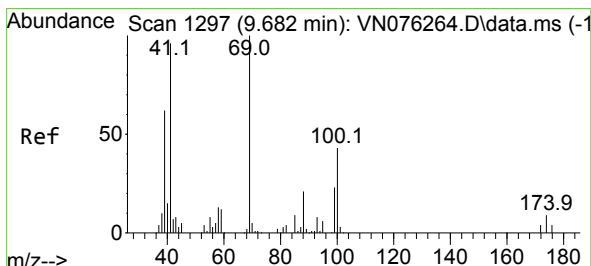
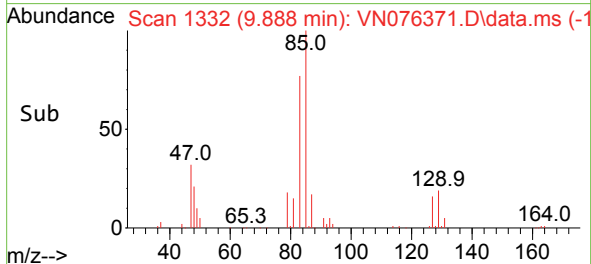
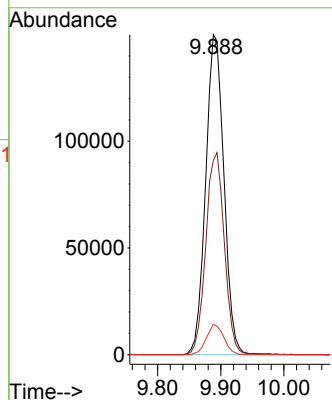
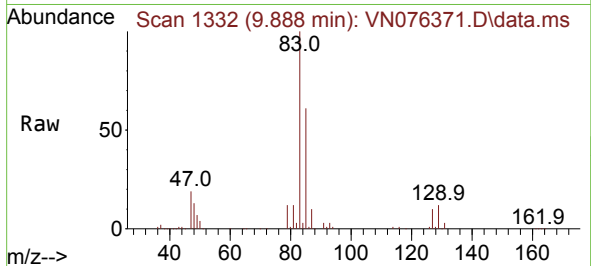




#47
Bromodichloromethane
Concen: 51.673 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

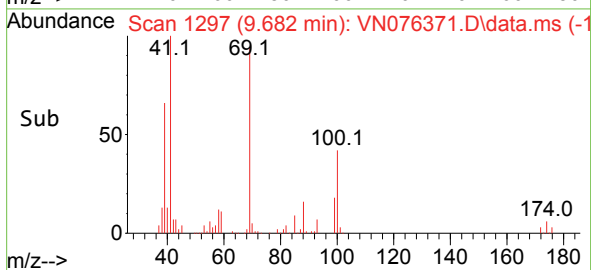
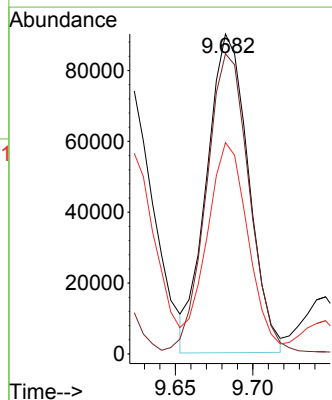
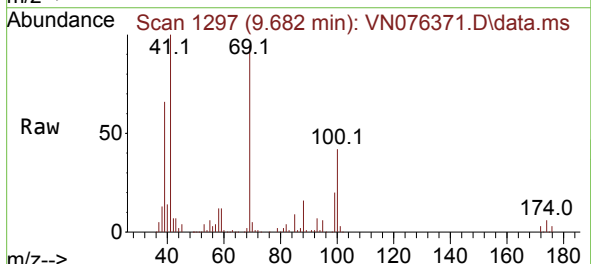
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

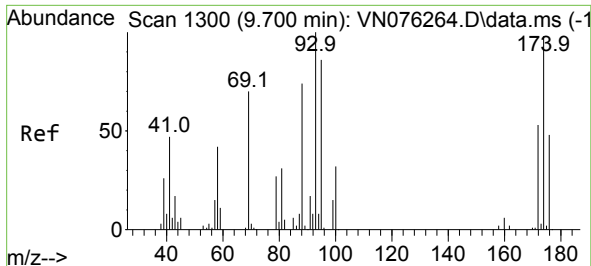
Tgt Ion: 83 Resp: 301065
Ion Ratio Lower Upper
83 100
85 60.7 52.1 78.1
127 9.5 7.4 11.0



#48
Methyl methacrylate
Concen: 49.185 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 41 Resp: 168859
Ion Ratio Lower Upper
41 100
69 98.3 80.8 121.2
39 66.0 54.4 81.6





#49

1,4-Dioxane

Concen: 891.053 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

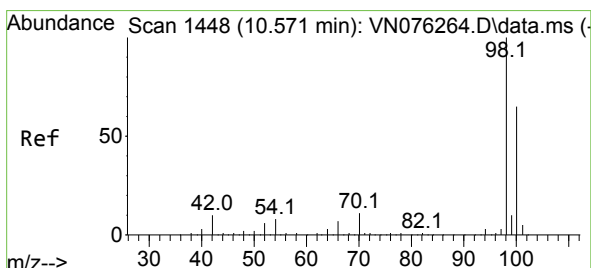
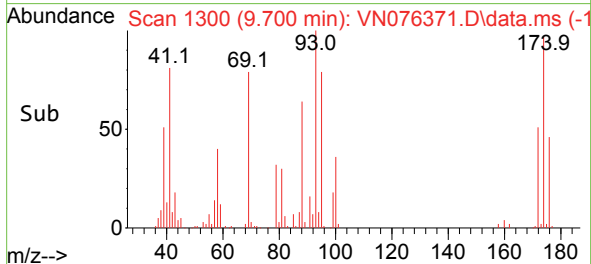
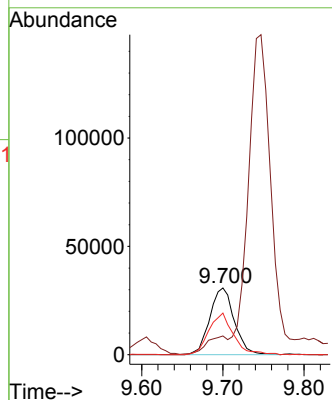
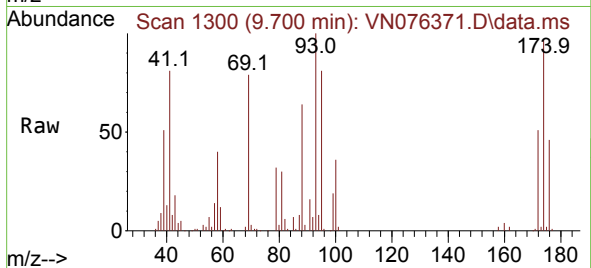
Tgt Ion: 88 Resp: 64549

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1#

58 62.6 46.5 69.7



#50

Toluene-d8

Concen: 51.080 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN076371.D

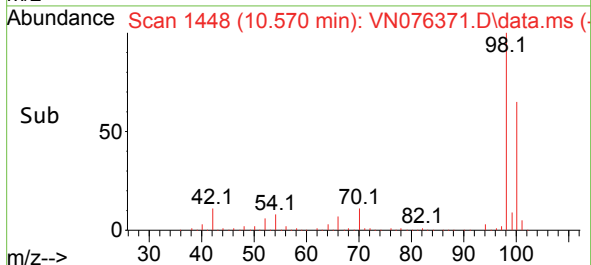
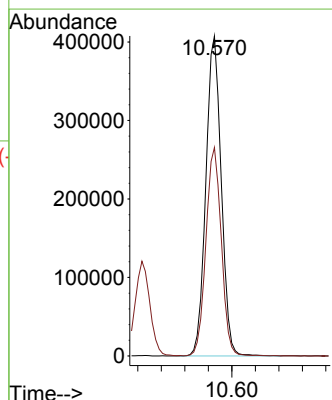
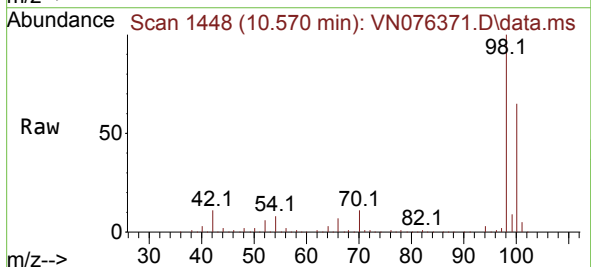
Acq: 24 Jan 2023 10:06

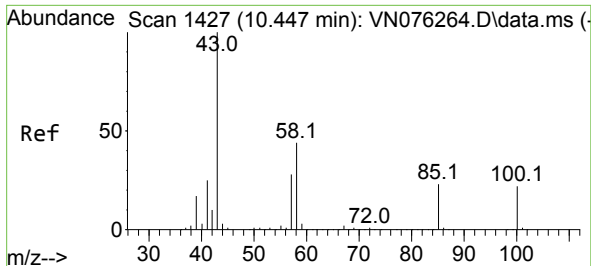
Tgt Ion: 98 Resp: 737810

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 241.673 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

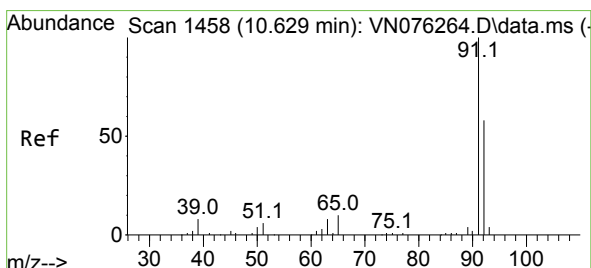
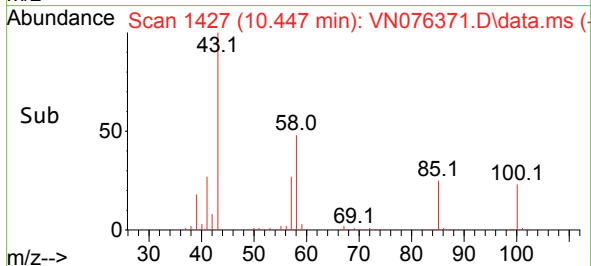
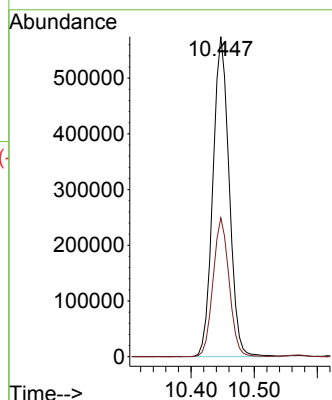
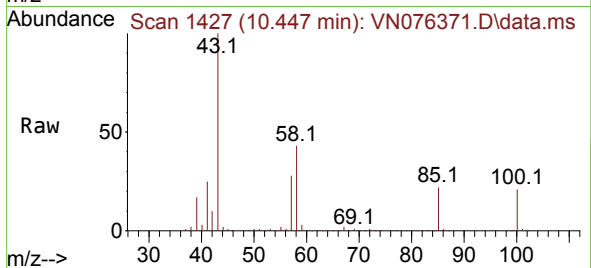
VSTDCCC050

Tgt Ion: 43 Resp: 1028828

Ion Ratio Lower Upper

43 100

58 42.9 35.1 52.7



#52

Toluene

Concen: 48.570 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VN076371.D

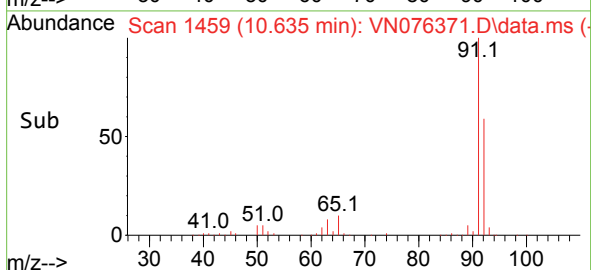
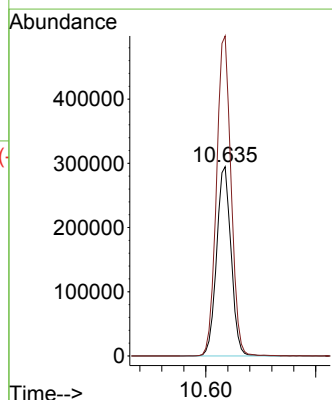
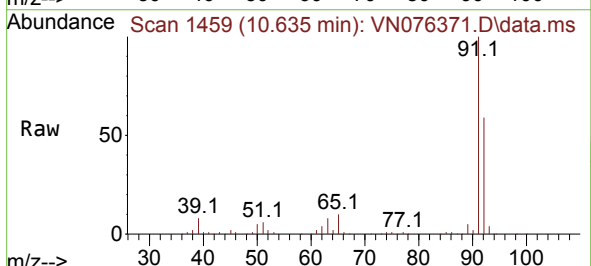
Acq: 24 Jan 2023 10:06

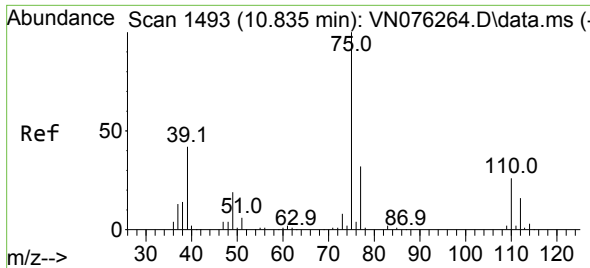
Tgt Ion: 92 Resp: 539766

Ion Ratio Lower Upper

92 100

91 170.0 136.6 205.0

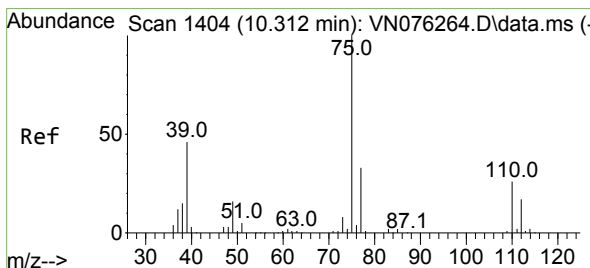
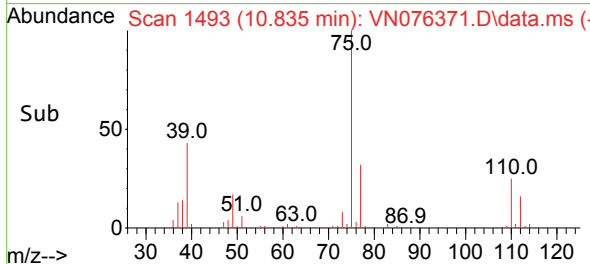
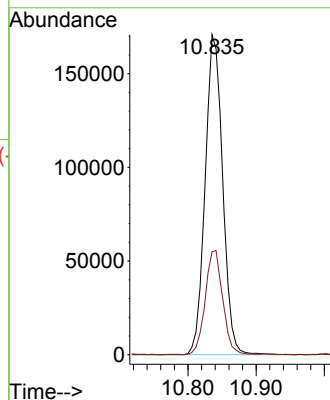
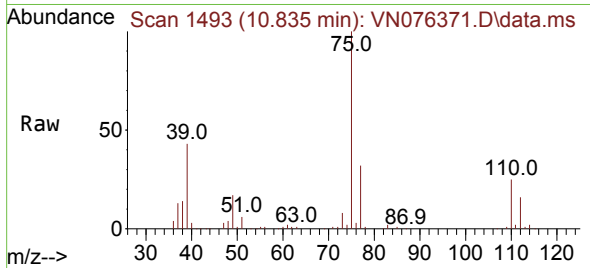




#53
 t-1,3-Dichloropropene
 Concen: 55.044 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

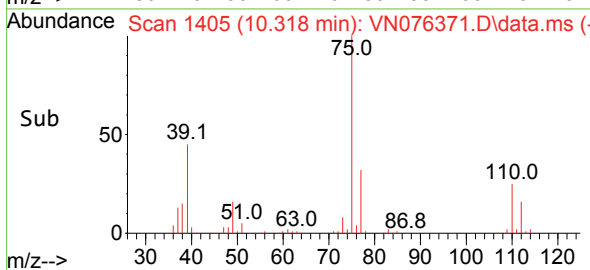
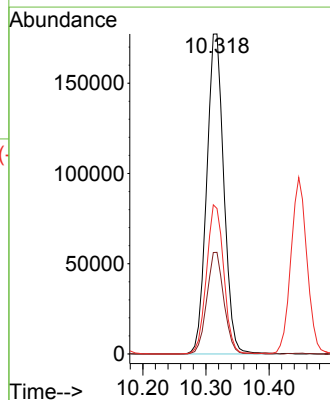
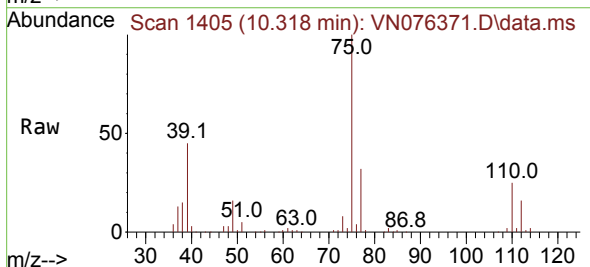
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

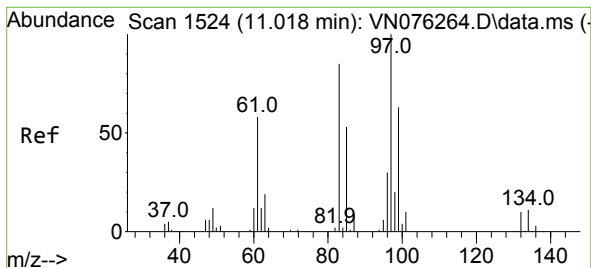
Tgt Ion: 75 Resp: 305720
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.371 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

Tgt Ion: 75 Resp: 334642
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.5 39.7
 39 45.5 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 48.594 ug/l

RT: 11.018 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 206420

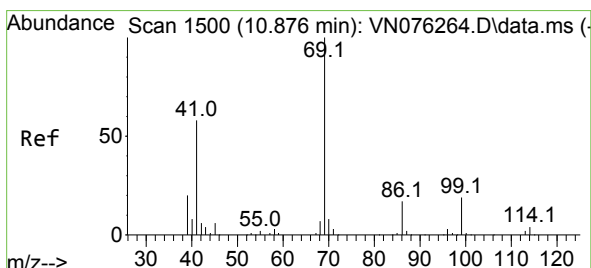
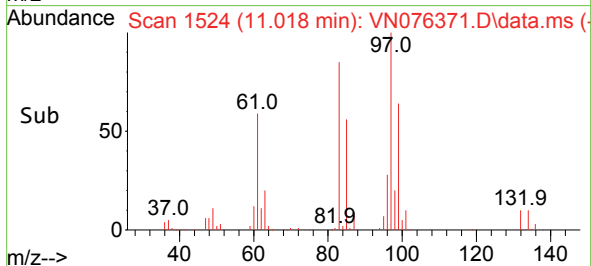
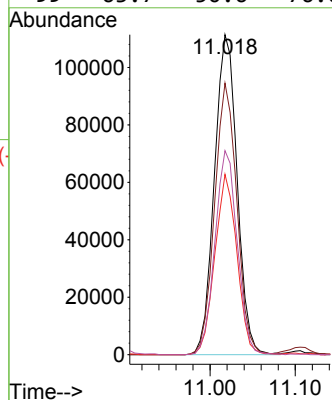
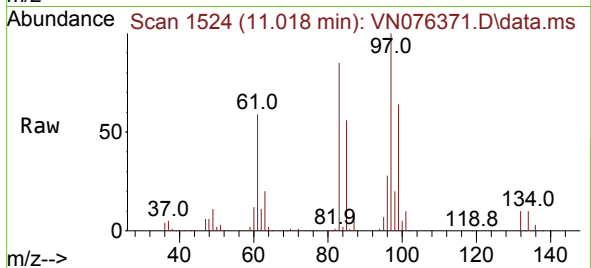
Ion Ratio Lower Upper

97 100

83 84.8 67.8 101.6

85 56.3 42.3 63.5

99 63.7 50.6 76.0



#56

Ethyl methacrylate

Concen: 52.984 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

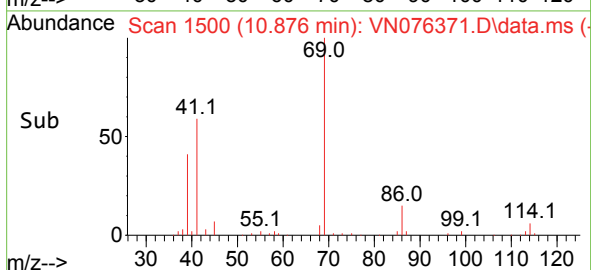
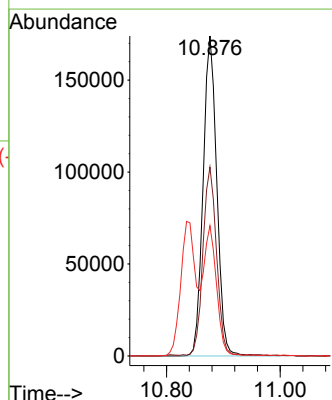
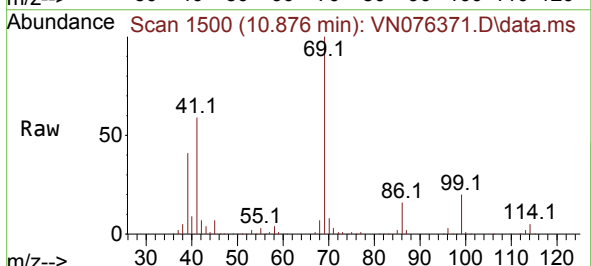
Tgt Ion: 69 Resp: 290570

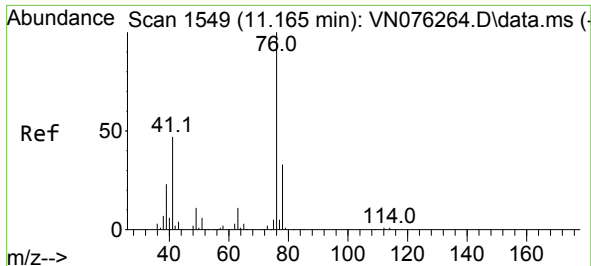
Ion Ratio Lower Upper

69 100

41 58.3 45.3 67.9

39 36.8 29.3 43.9





#57

1,3-Dichloropropane

Concen: 48.952 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

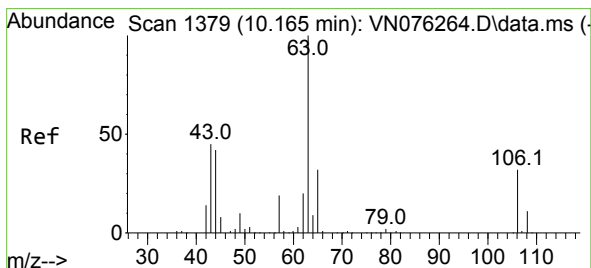
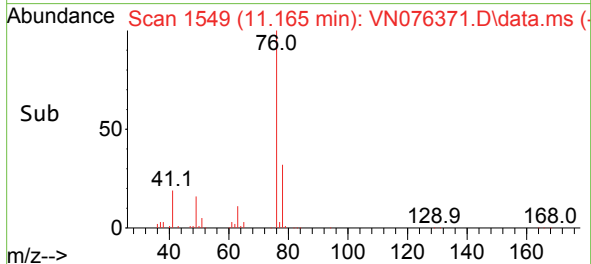
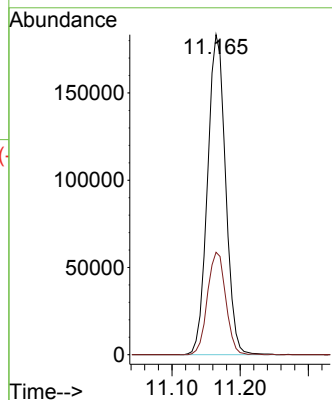
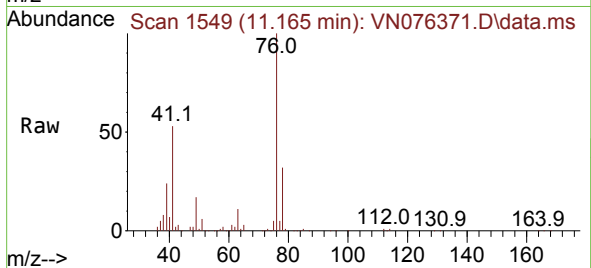
VSTDCCC050

Tgt Ion: 76 Resp: 337920

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 226.574 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076371.D

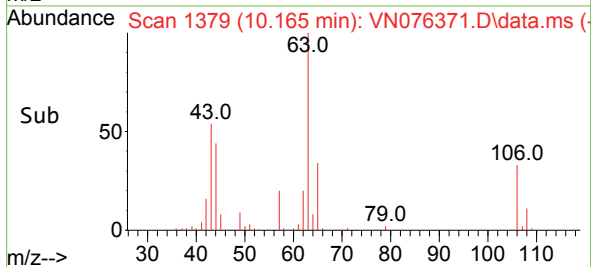
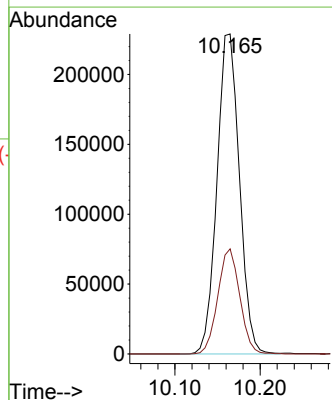
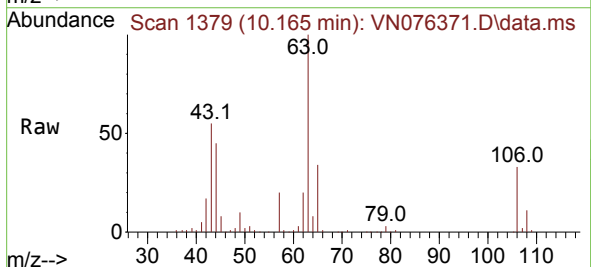
Acq: 24 Jan 2023 10:06

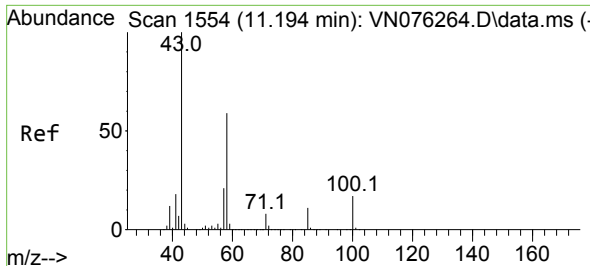
Tgt Ion: 63 Resp: 419474

Ion Ratio Lower Upper

63 100

106 32.2 26.2 39.2

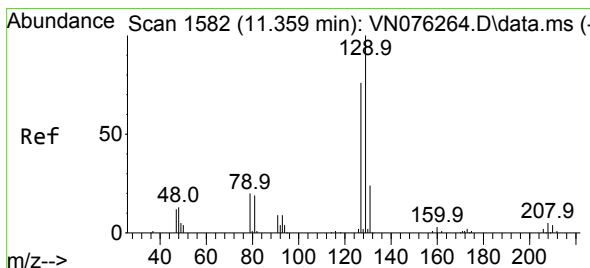
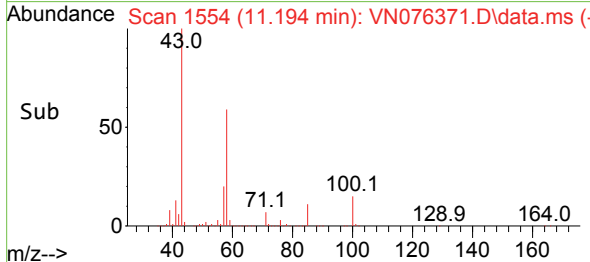
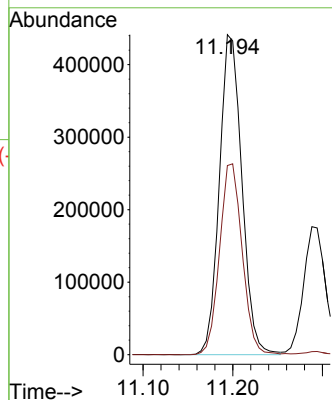
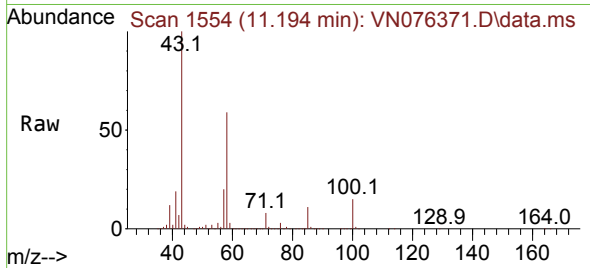




#59
2-Hexanone
Concen: 249.501 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

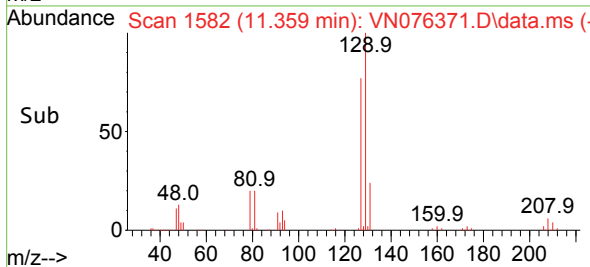
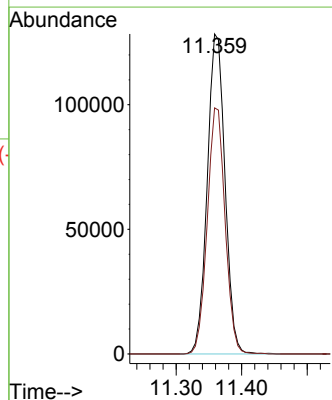
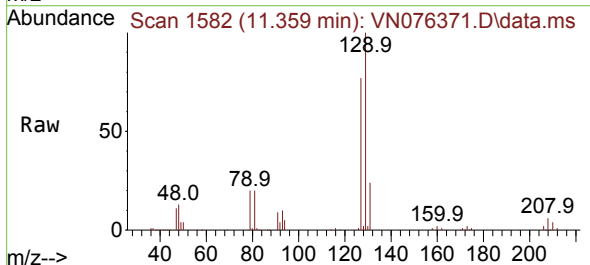
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

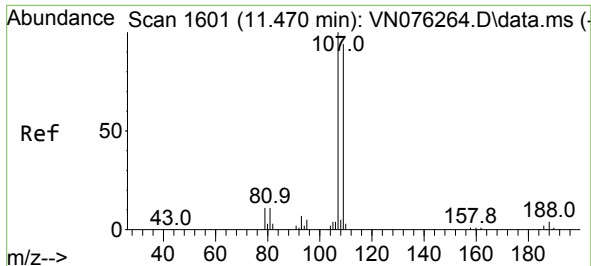
Tgt Ion: 43 Resp: 769696
Ion Ratio Lower Upper
43 100
58 60.0 30.1 90.3



#60
Dibromochloromethane
Concen: 54.055 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 129 Resp: 241713
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

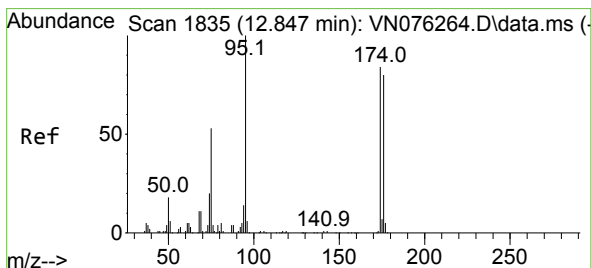
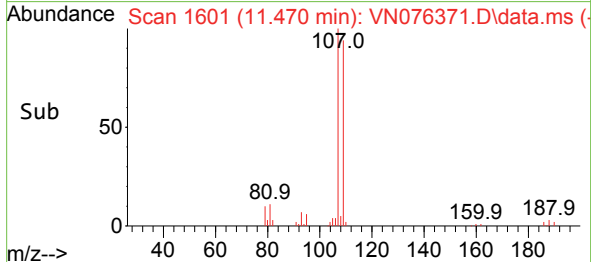
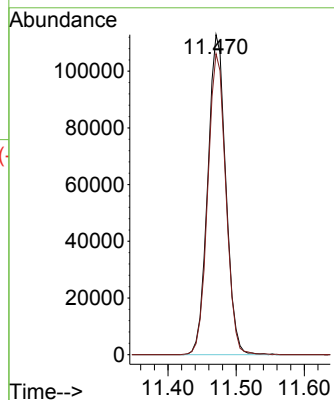
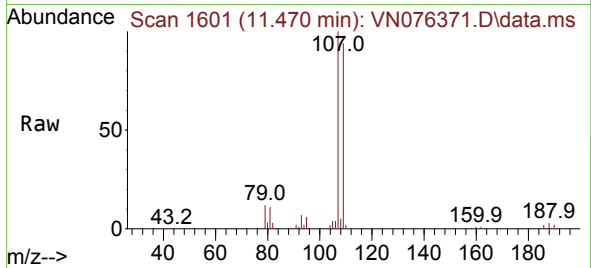




#61
1,2-Dibromoethane
Concen: 48.994 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

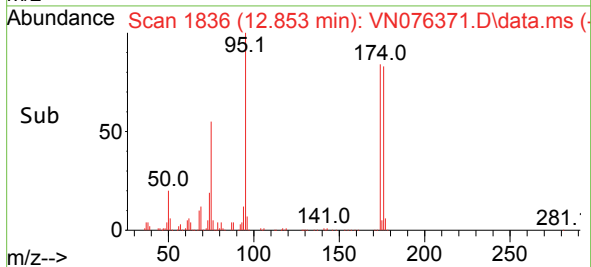
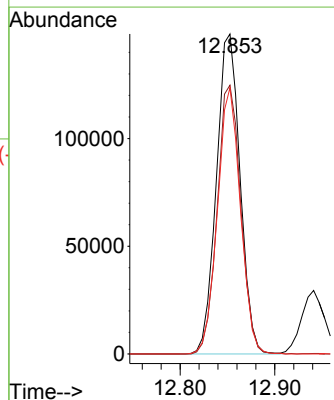
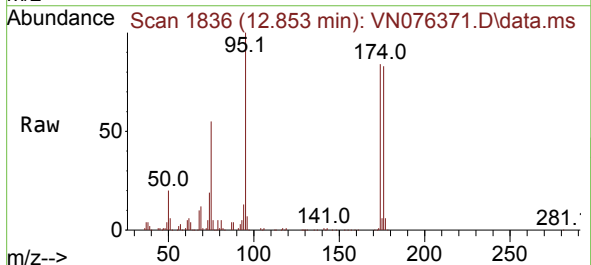
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

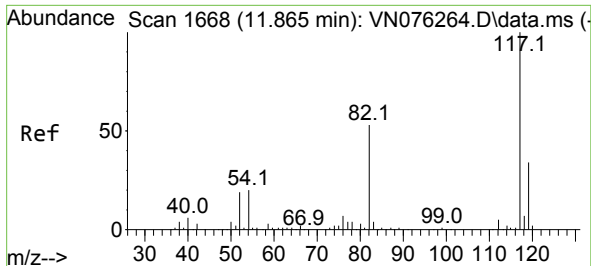
Tgt Ion:107 Resp: 207738
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 54.763 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 95 Resp: 258227
Ion Ratio Lower Upper
95 100
174 83.5 0.0 174.6
176 80.7 0.0 167.8

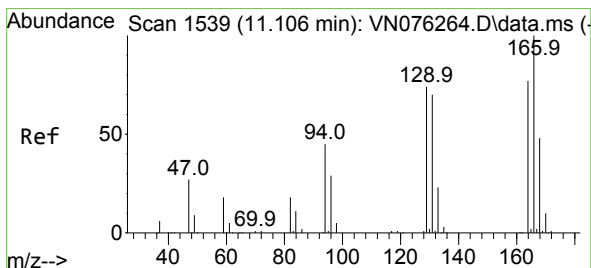
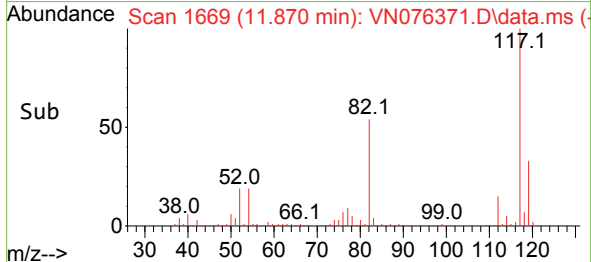
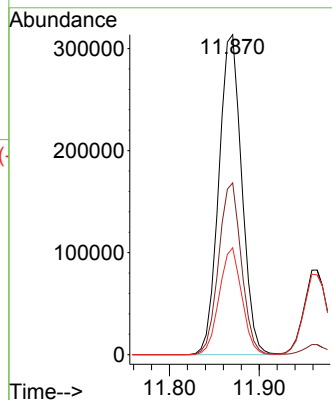
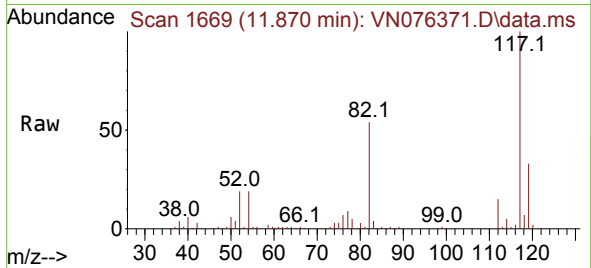




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

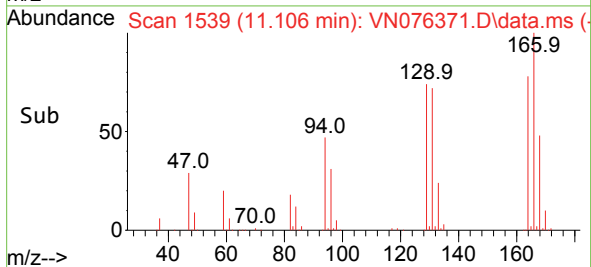
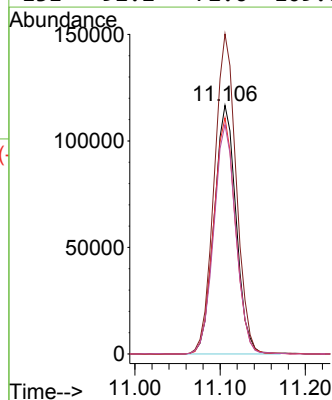
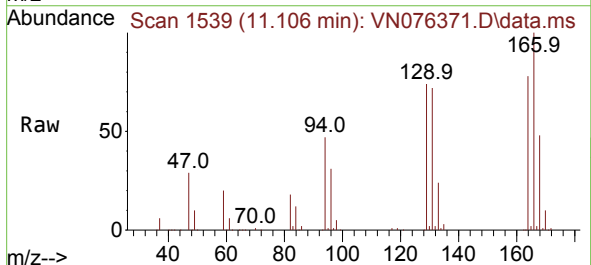
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

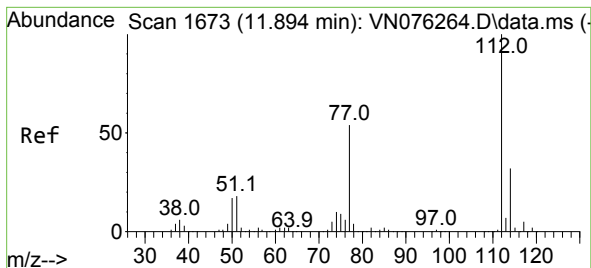
Tgt Ion:117 Resp: 557355
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.2
119 33.4 26.9 40.3



#64
Tetrachloroethene
Concen: 41.611 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:164 Resp: 209149
Ion Ratio Lower Upper
164 100
166 128.7 104.0 156.0
129 95.0 76.6 114.8
131 92.2 72.6 109.0

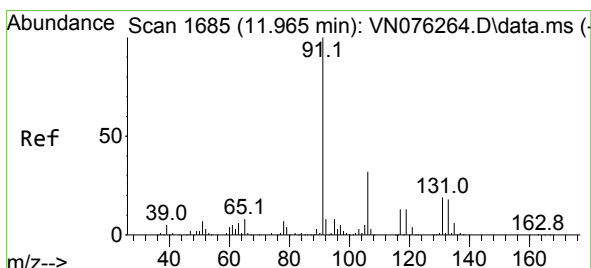
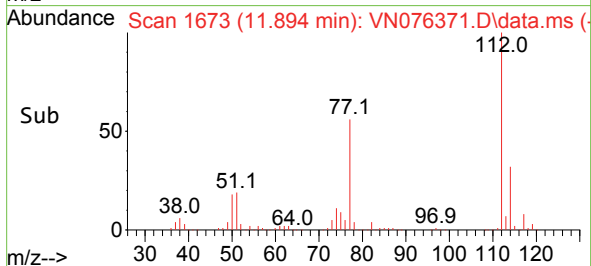
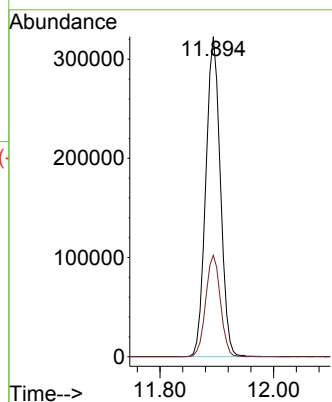
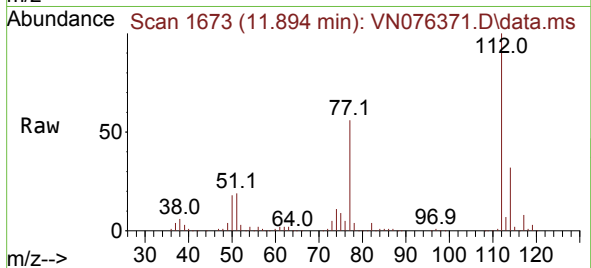




#65
Chlorobenzene
Concen: 48.538 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

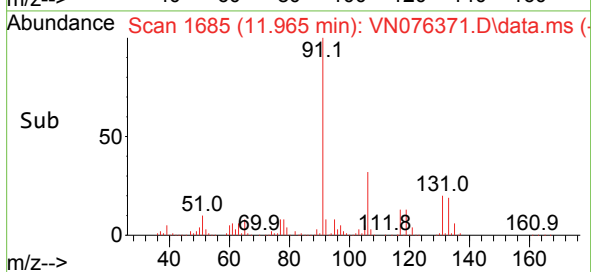
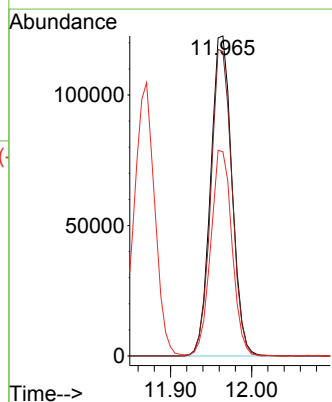
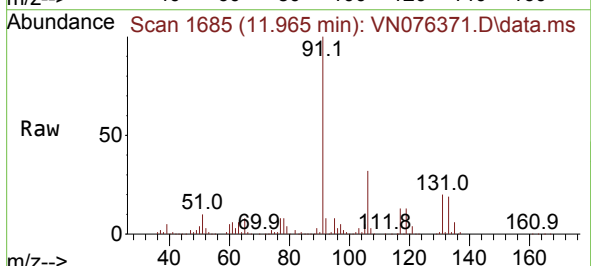
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

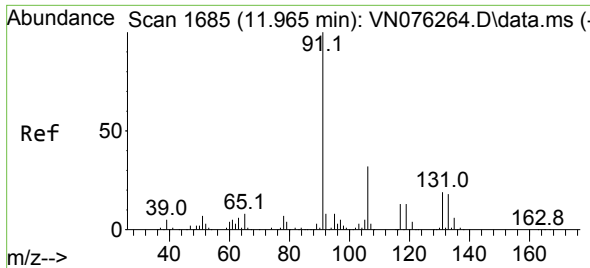
Tgt Ion:112 Resp: 571865
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.008 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:131 Resp: 223596
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 64.2 32.3 96.8

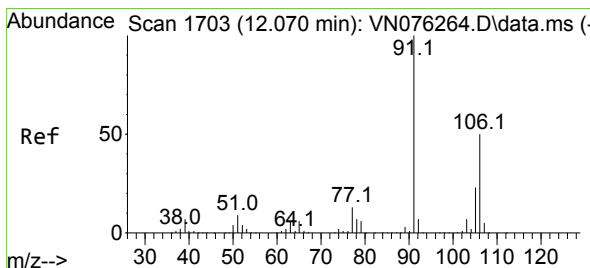
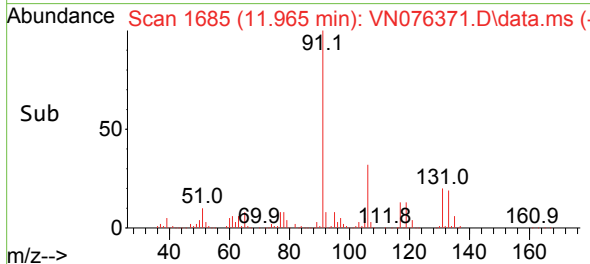
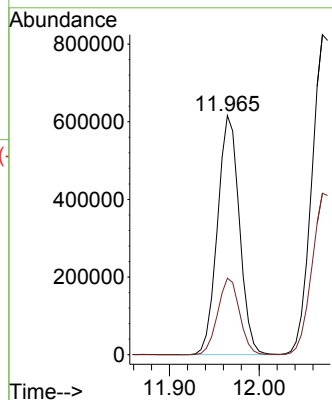
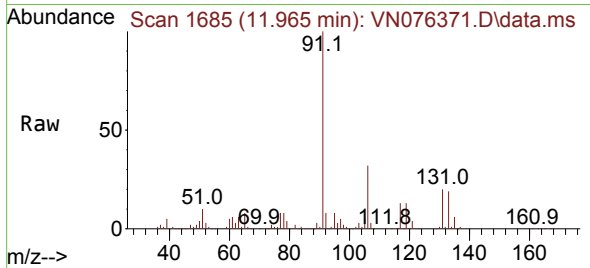




#67
Ethyl Benzene
Concen: 51.753 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

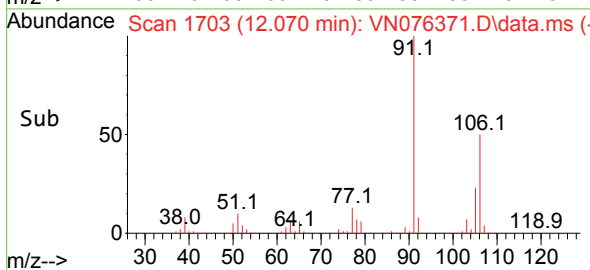
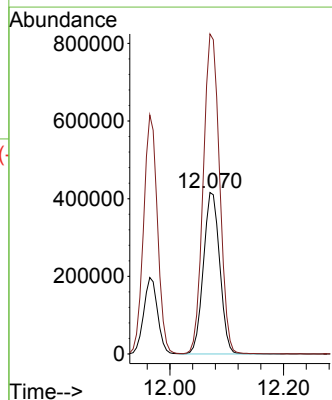
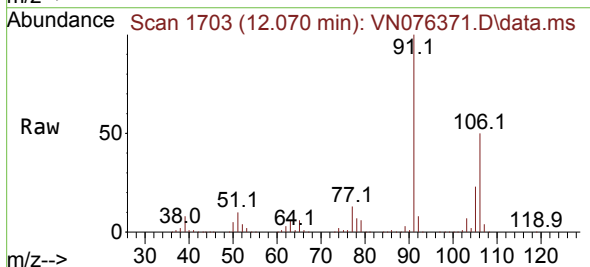
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

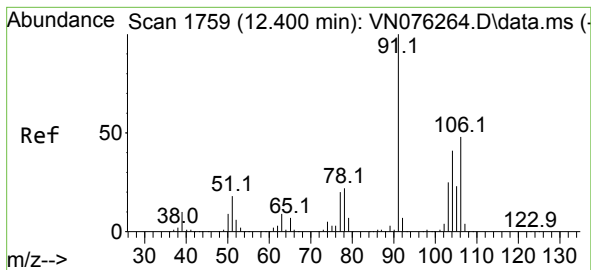
Tgt Ion: 91 Resp: 1043561
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 102.376 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:106 Resp: 827773
Ion Ratio Lower Upper
106 100
91 197.7 157.5 236.3

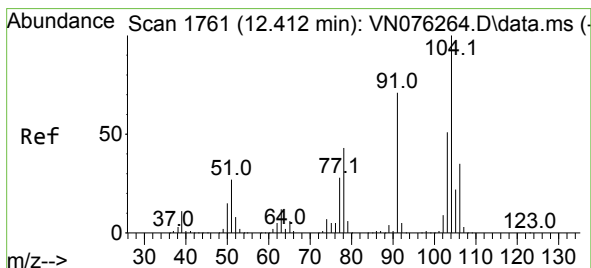
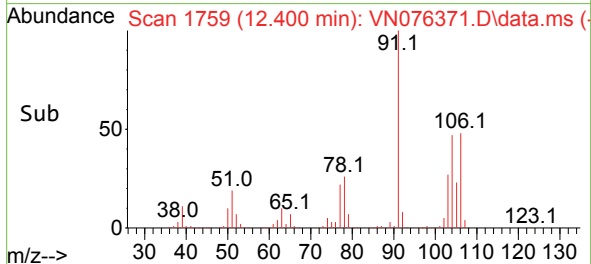
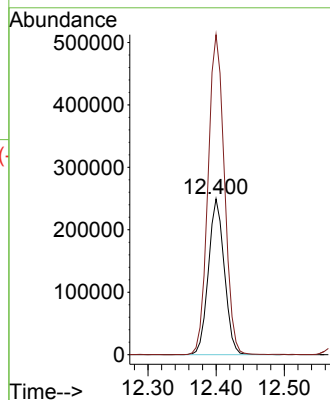
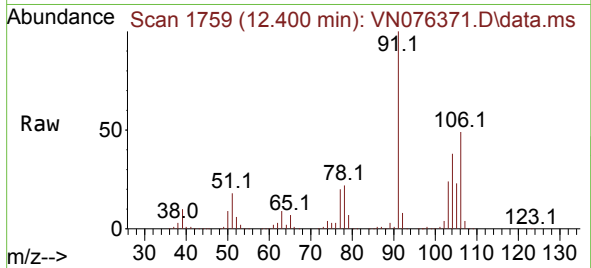




#69
o-Xylene
Concen: 51.075 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

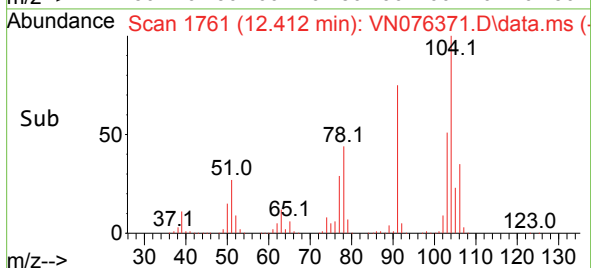
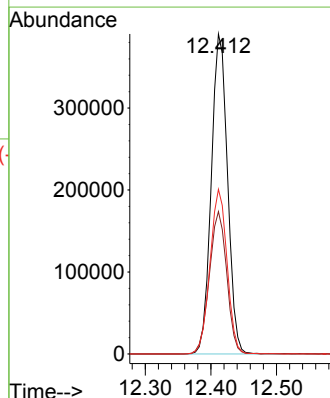
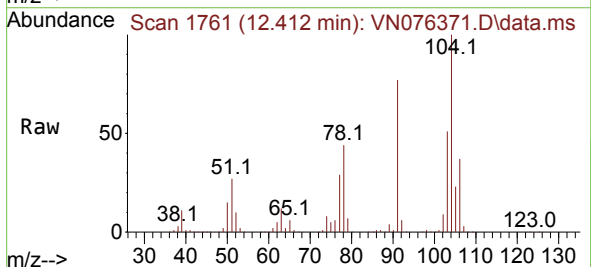
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

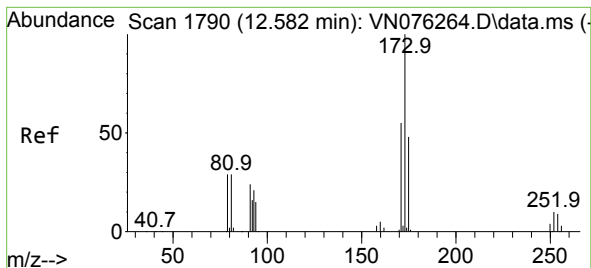
Tgt Ion:106 Resp: 405553
Ion Ratio Lower Upper
106 100
91 211.3 103.2 309.4



#70
Styrene
Concen: 53.017 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:104 Resp: 672173
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.0
103 54.0 44.2 66.2





#71

Bromoform

Concen: 53.351 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

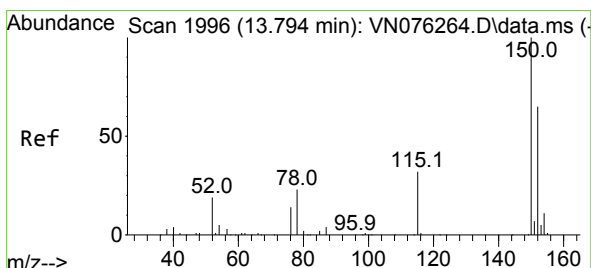
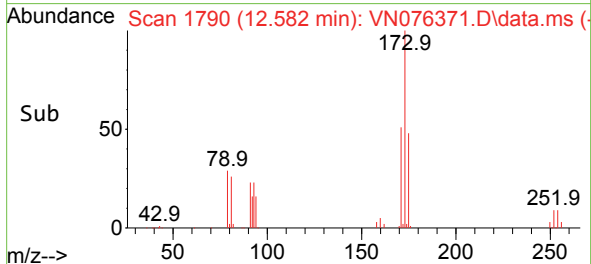
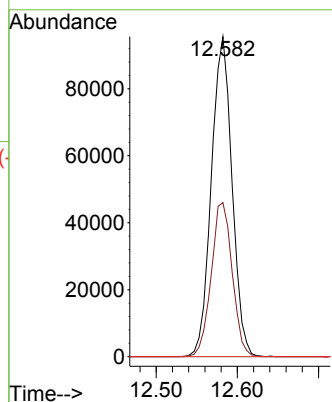
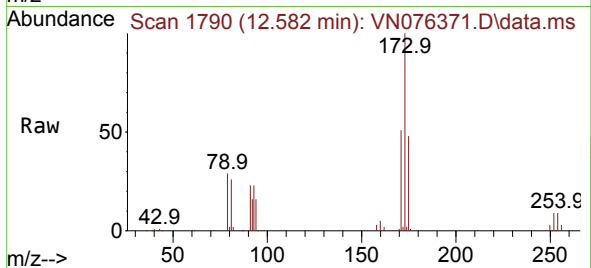
Tgt Ion:173 Resp: 168892

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

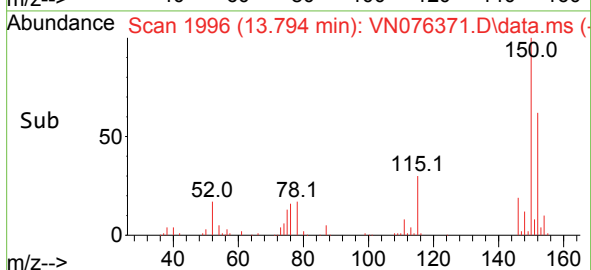
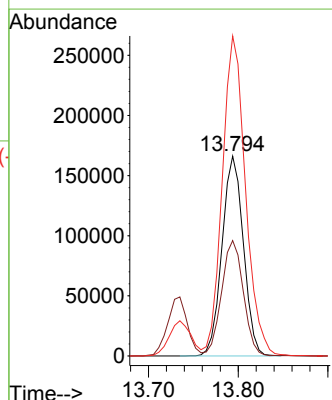
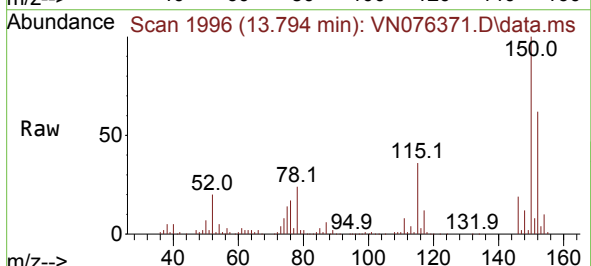
Tgt Ion:152 Resp: 275008

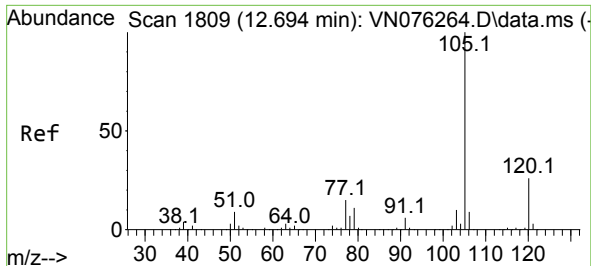
Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.9

150 173.9 0.0 351.4

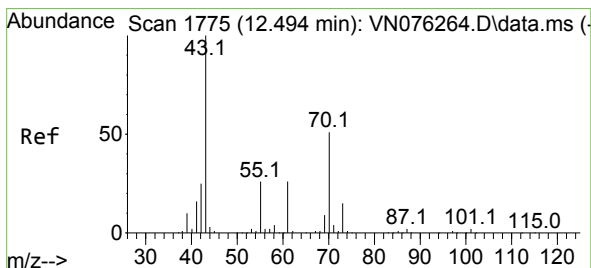
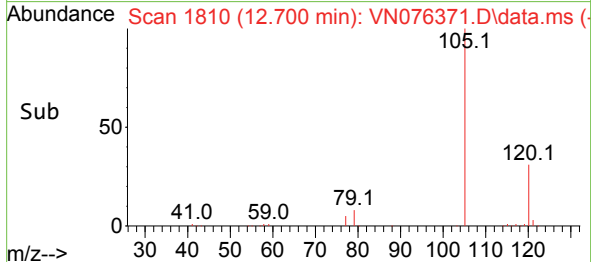
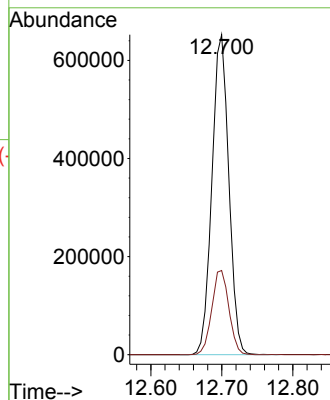
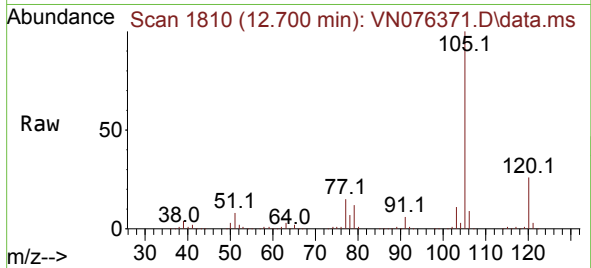




#73
Isopropylbenzene
Concen: 50.536 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

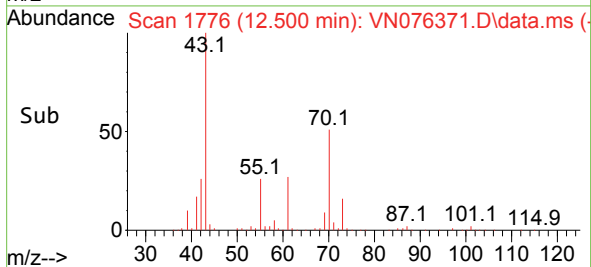
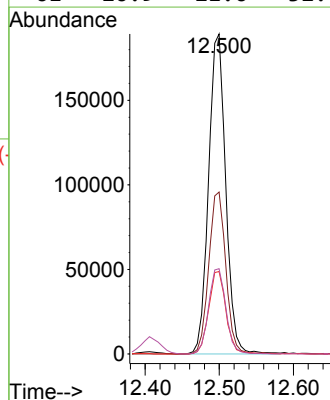
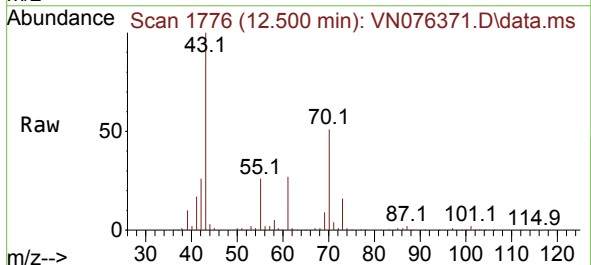
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

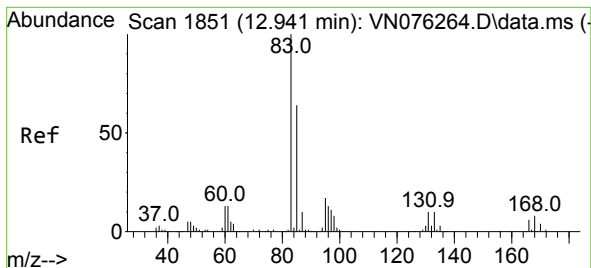
Tgt Ion:105 Resp: 1075142
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 49.667 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 43 Resp: 303947
Ion Ratio Lower Upper
43 100
70 50.6 41.2 61.8
55 26.1 21.0 31.6
61 26.9 21.6 32.4

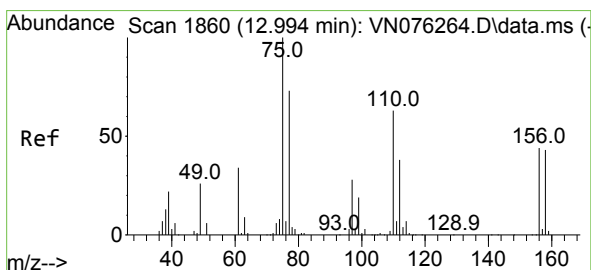
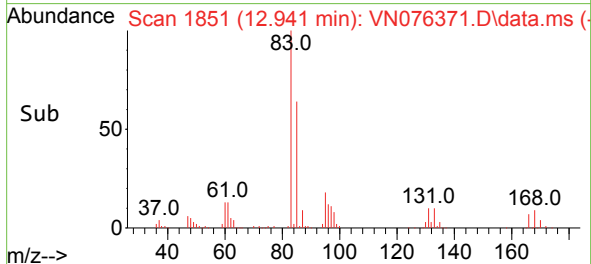
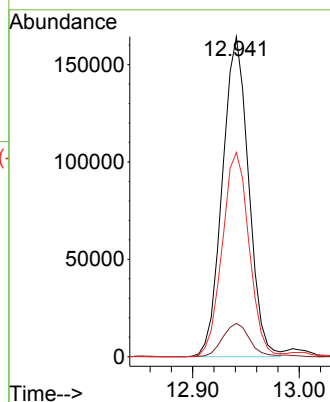
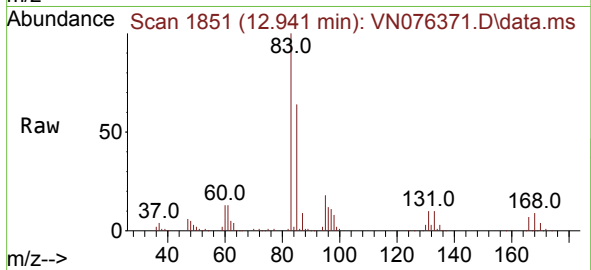




#75
1,1,2,2-Tetrachloroethane
Concen: 45.888 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

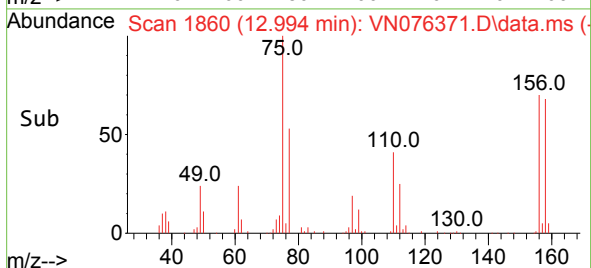
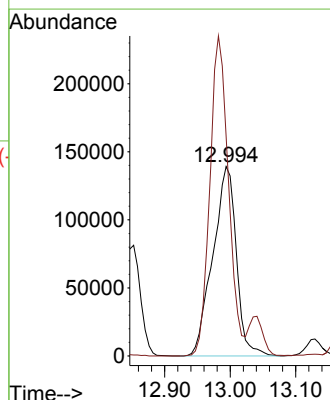
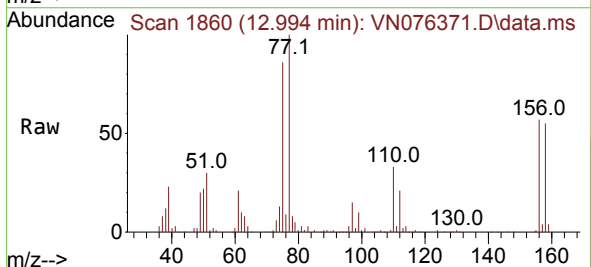
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

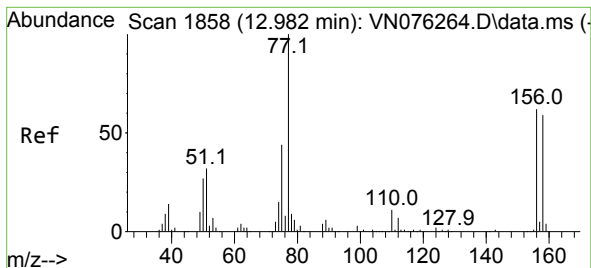
Tgt Ion: 83 Resp: 280643
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.4
85 65.4 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 69.517 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 75 Resp: 346424
Ion Ratio Lower Upper
75 100
77 134.5 75.2 225.6





#77

Bromobenzene

Concen: 50.453 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

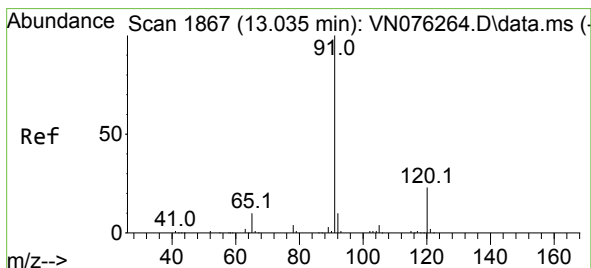
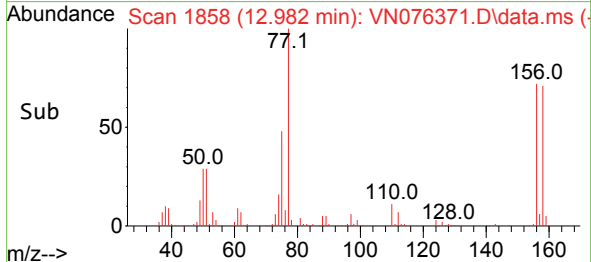
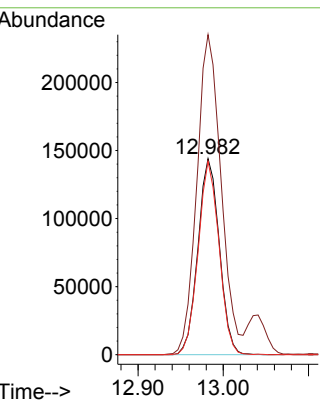
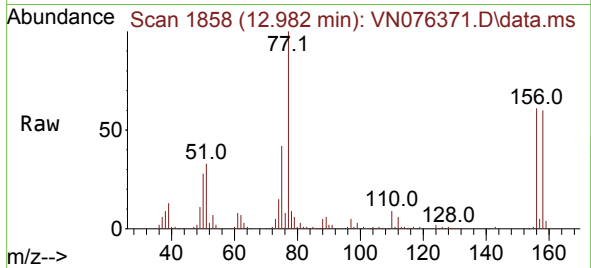
Tgt Ion:156 Resp: 250922

Ion Ratio Lower Upper

156 100

77 185.6 93.4 280.2

158 96.4 48.4 145.2



#78

n-propylbenzene

Concen: 51.059 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN076371.D

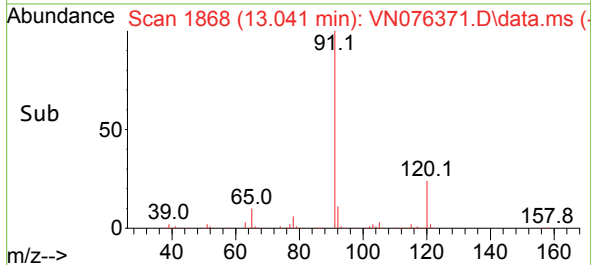
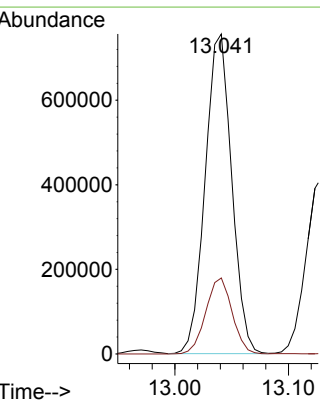
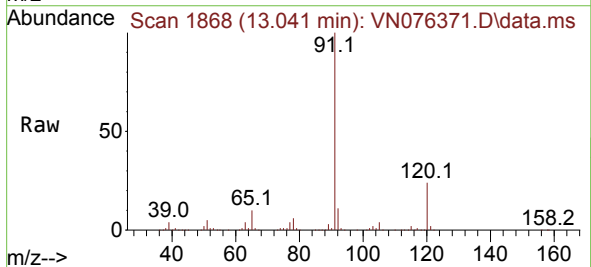
Acq: 24 Jan 2023 10:06

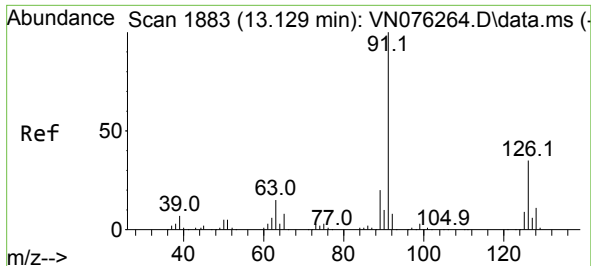
Tgt Ion: 91 Resp: 1225677

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5

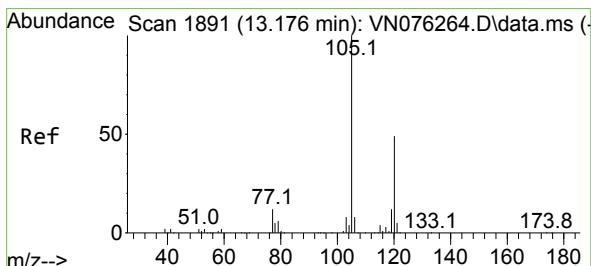
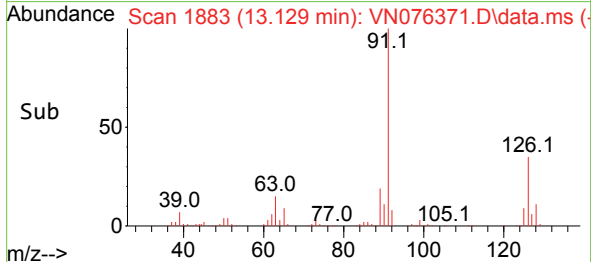
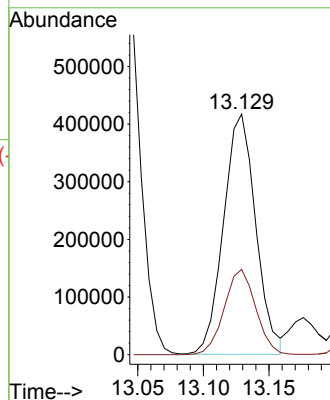
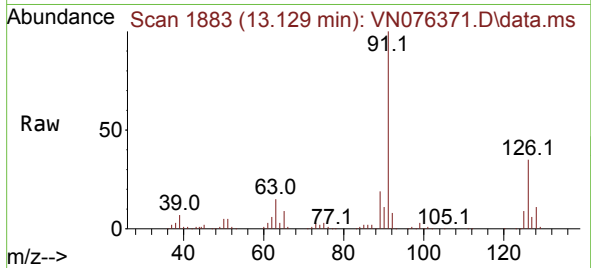




#79
2-Chlorotoluene
Concen: 48.361 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

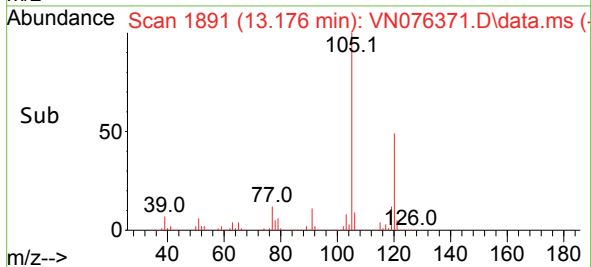
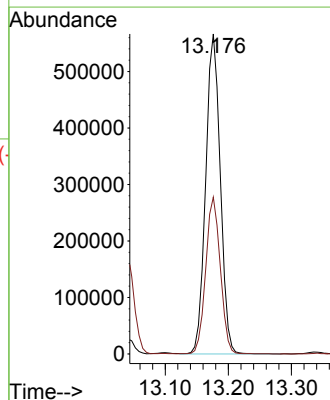
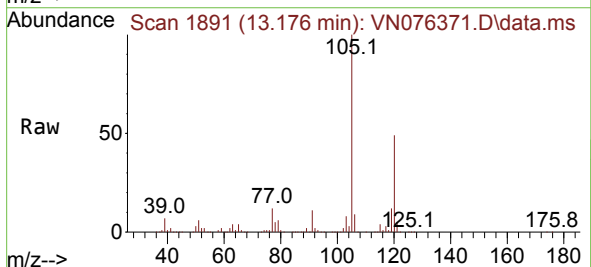
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

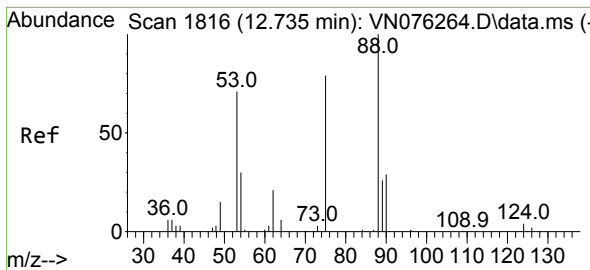
Tgt Ion: 91 Resp: 712376
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 51.017 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 105 Resp: 909277
Ion Ratio Lower Upper
105 100
120 48.9 25.0 75.0

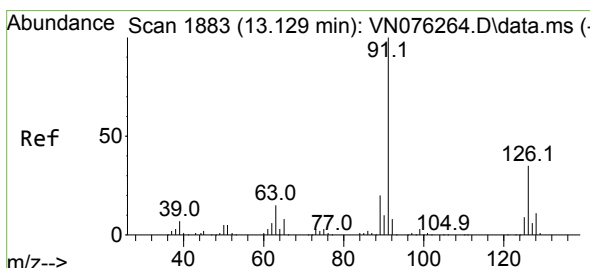
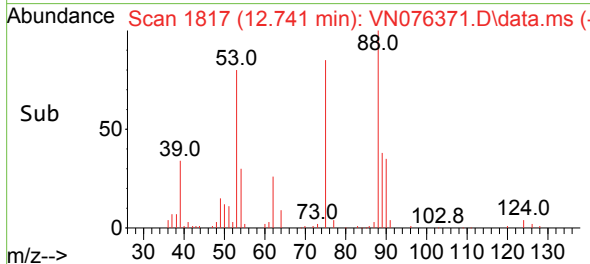
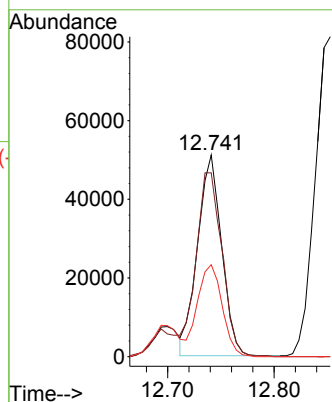
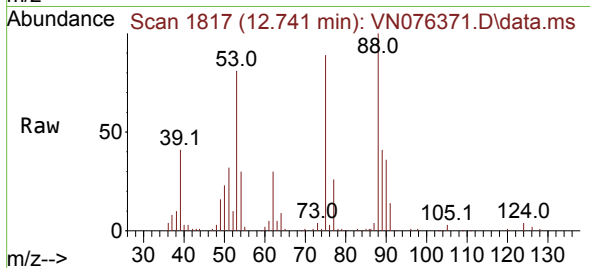




#81
trans-1,4-Dichloro-2-butene
Concen: 48.553 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

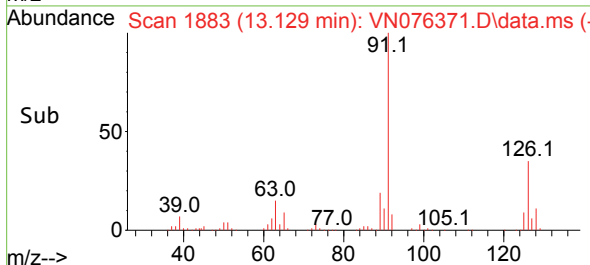
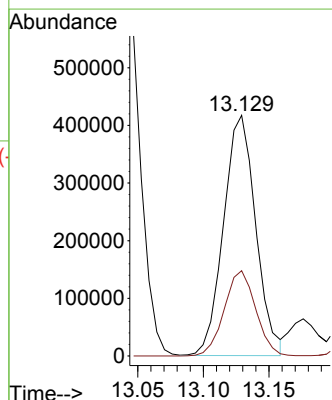
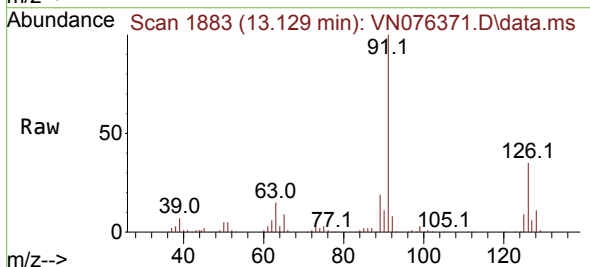
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

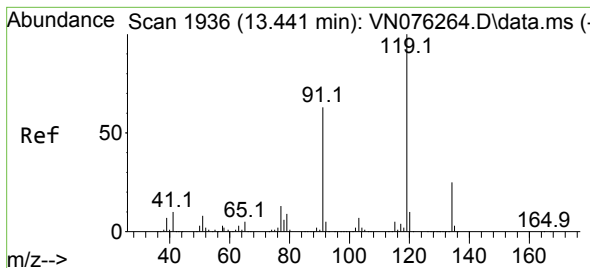
Tgt Ion: 75 Resp: 80252
Ion Ratio Lower Upper
75 100
53 99.0 75.8 113.8
89 46.5 37.0 55.6



#82
4-Chlorotoluene
Concen: 48.361 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 91 Resp: 712376
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2

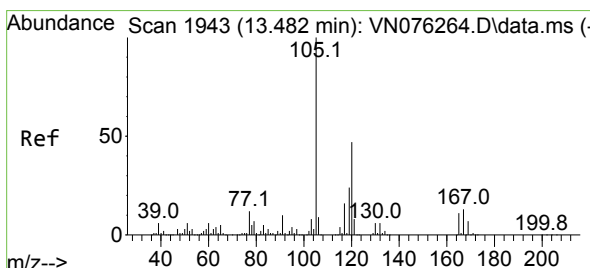
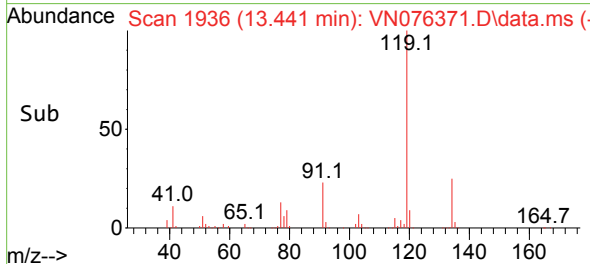
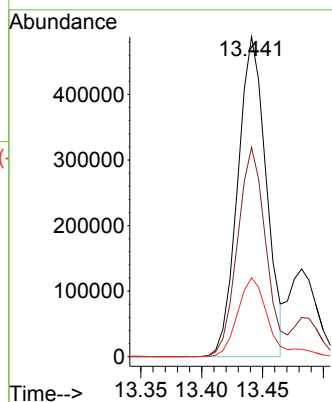
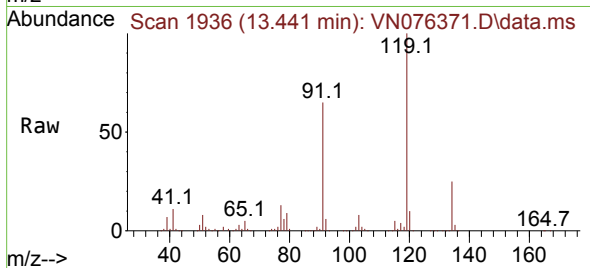




#83
tert-Butylbenzene
Concen: 50.100 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

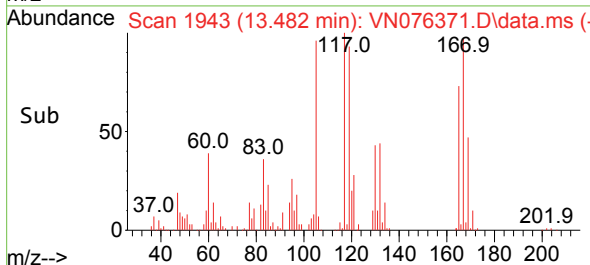
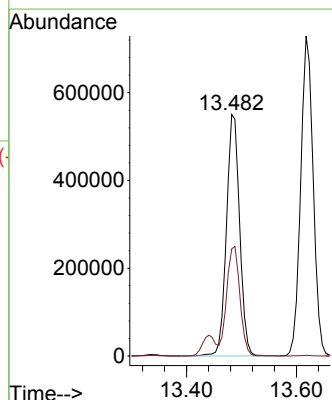
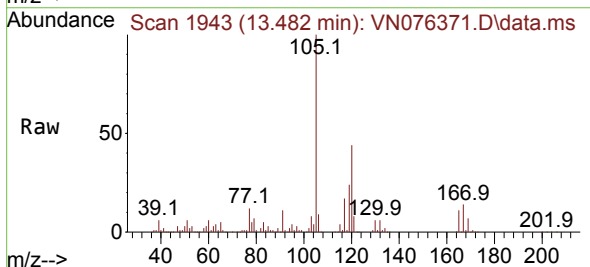
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

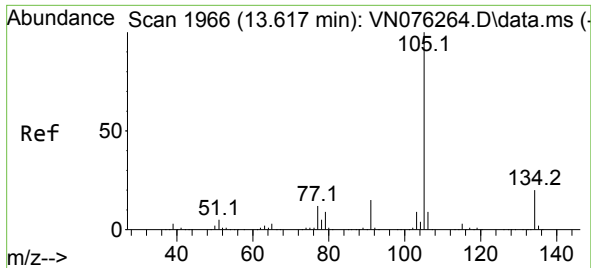
Tgt Ion:119 Resp: 794190
Ion Ratio Lower Upper
119 100
91 65.6 32.2 96.6
134 26.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 51.188 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:105 Resp: 914819
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5

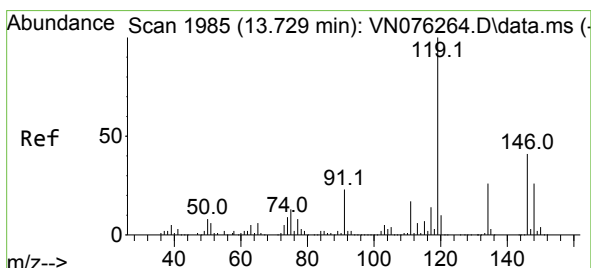
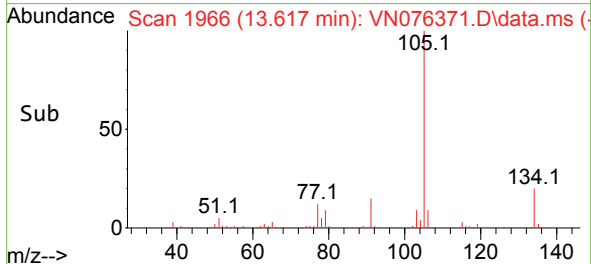
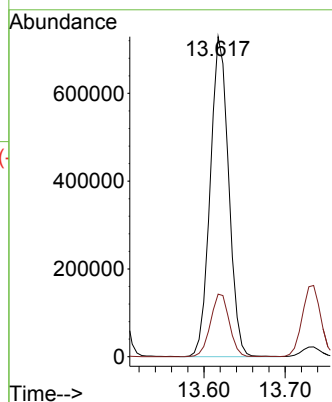
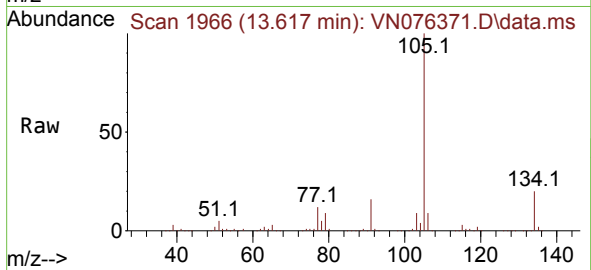




#85
 sec-Butylbenzene
 Concen: 52.155 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

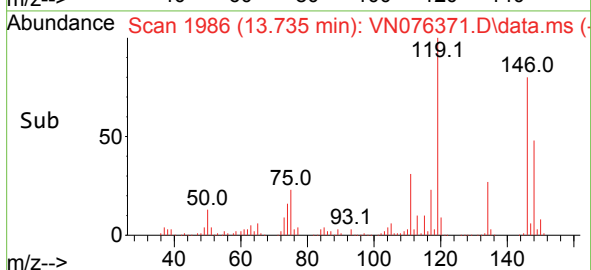
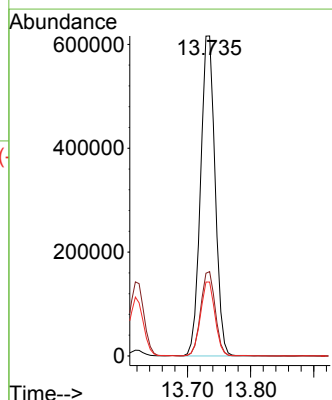
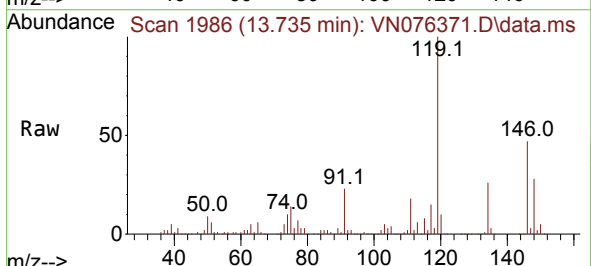
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

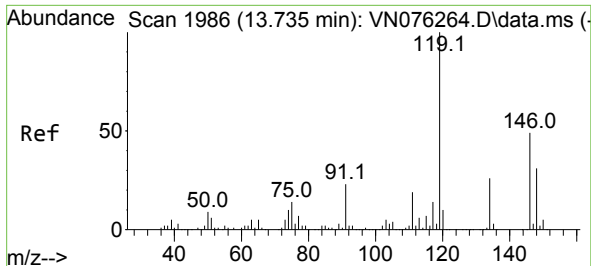
Tgt Ion:105 Resp: 1147206
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 54.368 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

Tgt Ion:119 Resp: 983384
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.1 11.8 35.3

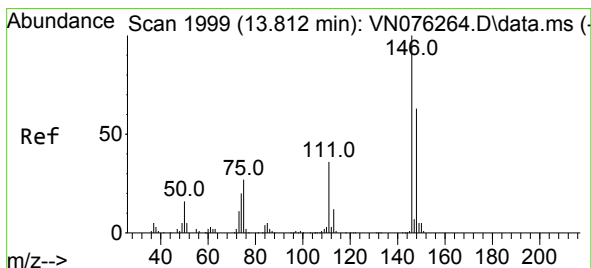
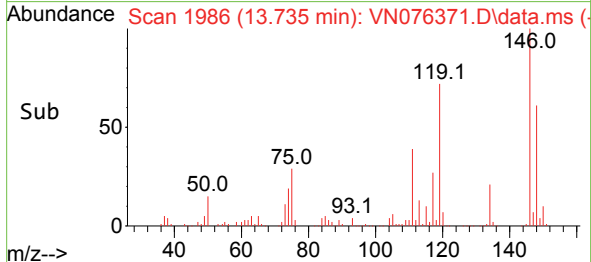
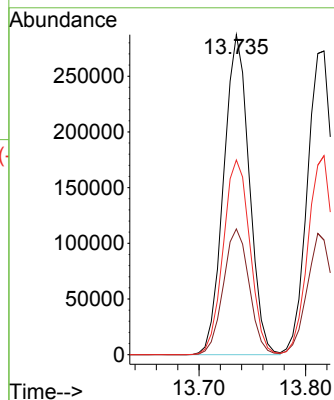
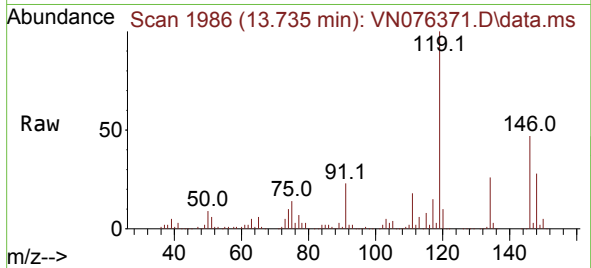




#87
1,3-Dichlorobenzene
Concen: 47.764 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

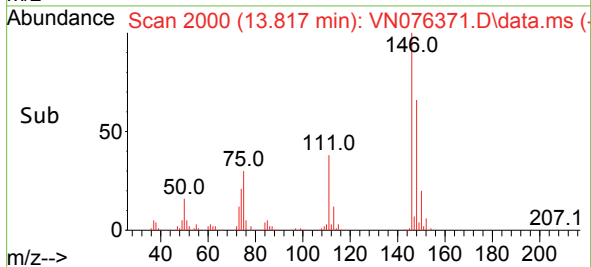
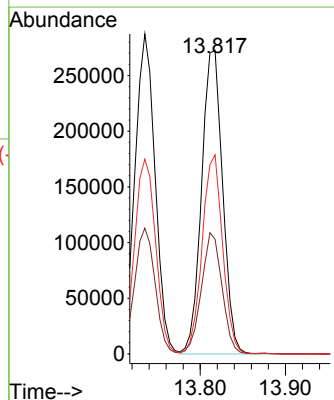
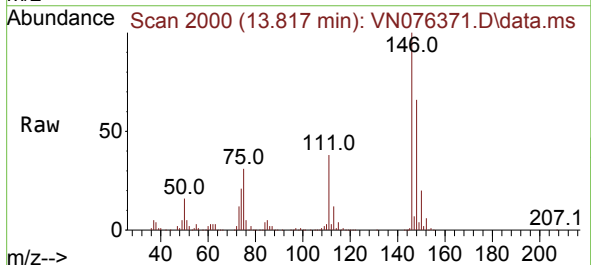
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

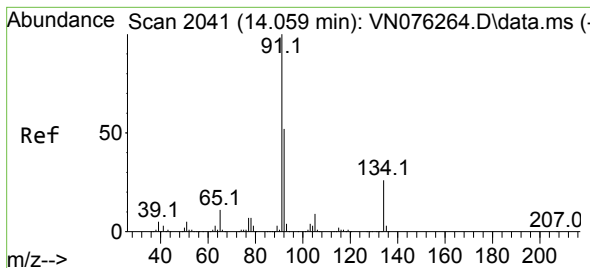
Tgt Ion:146 Resp: 478946
Ion Ratio Lower Upper
146 100
111 39.8 19.9 59.7
148 63.5 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 49.174 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.005 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:146 Resp: 469045
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.5
148 63.6 31.9 95.9





#89

n-Butylbenzene

Concen: 56.315 ug/l

RT: 14.058 min Scan# 2041

Delta R.T. -0.001 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

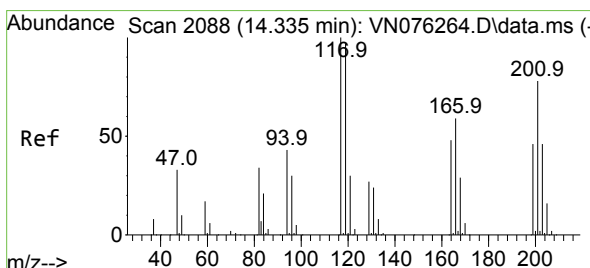
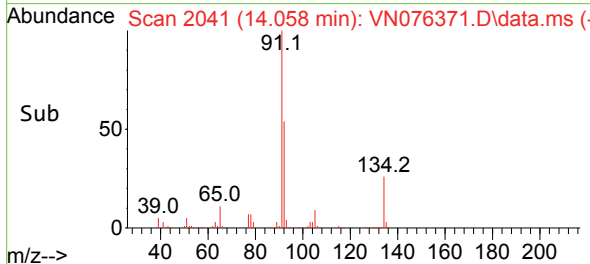
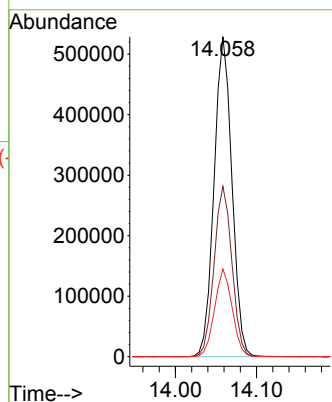
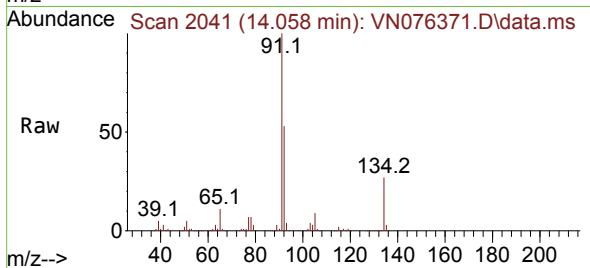
Tgt Ion: 91 Resp: 808603

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 27.0 13.2 39.5



#90

Hexachloroethane

Concen: 54.863 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN076371.D

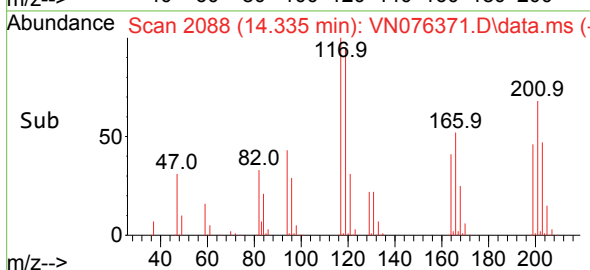
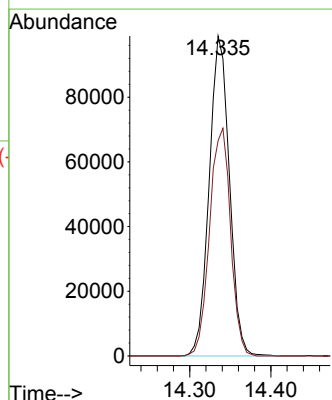
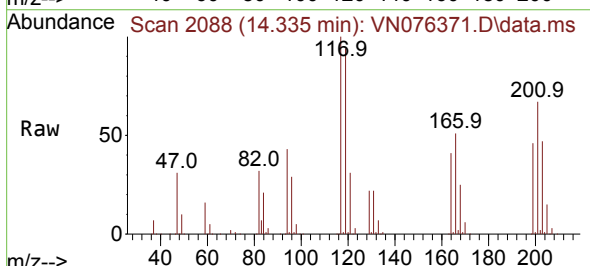
Acq: 24 Jan 2023 10:06

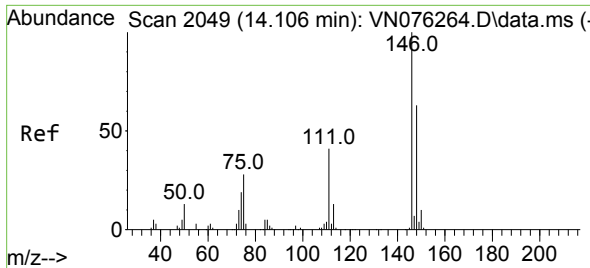
Tgt Ion: 117 Resp: 171271

Ion Ratio Lower Upper

117 100

201 73.7 37.3 111.9

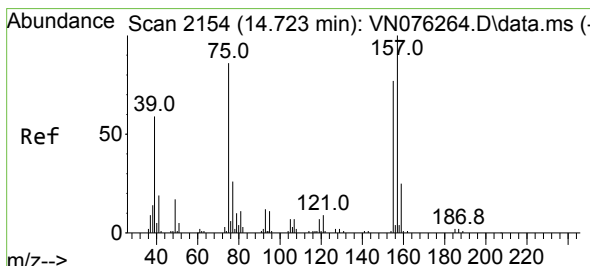
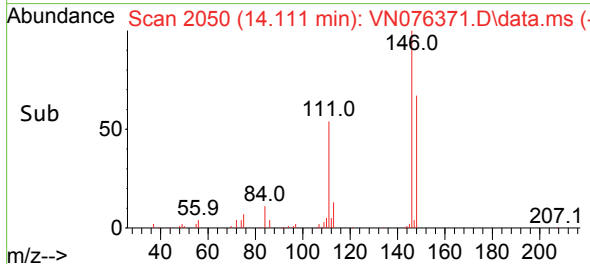
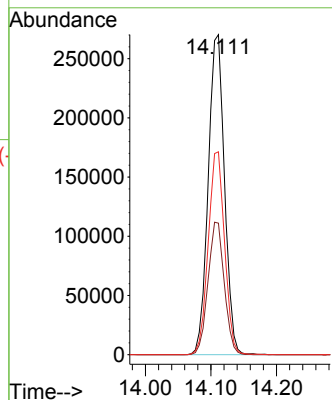
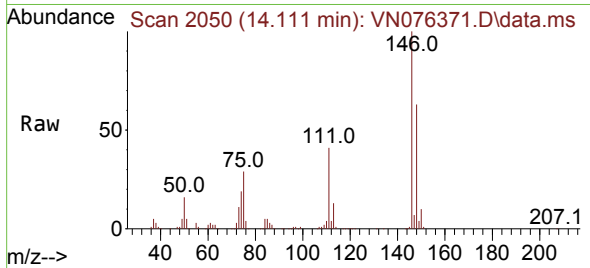




#91
1,2-Dichlorobenzene
Concen: 46.730 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.005 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

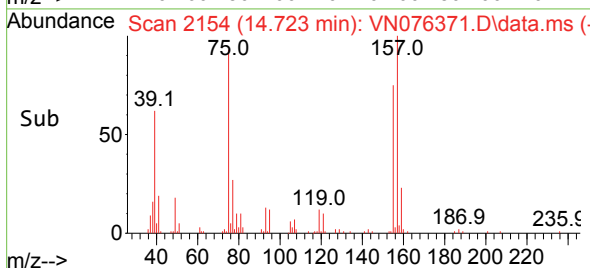
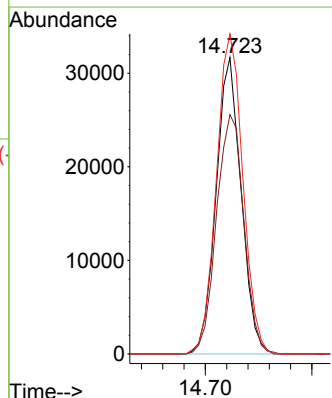
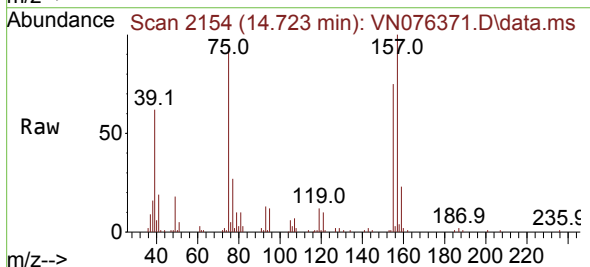
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

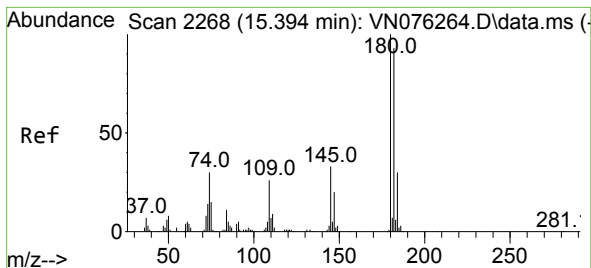
Tgt Ion:146 Resp: 466705
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.8
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.479 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 75 Resp: 51538
Ion Ratio Lower Upper
75 100
155 88.3 45.0 135.0
157 114.2 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 53.016 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

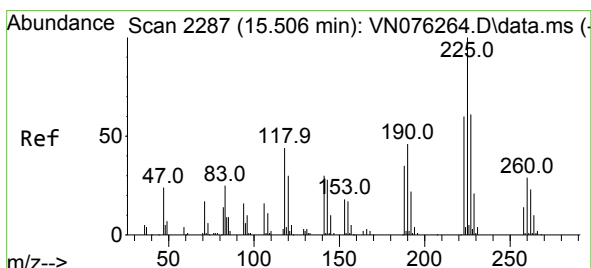
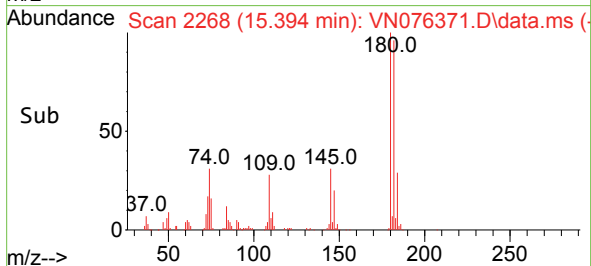
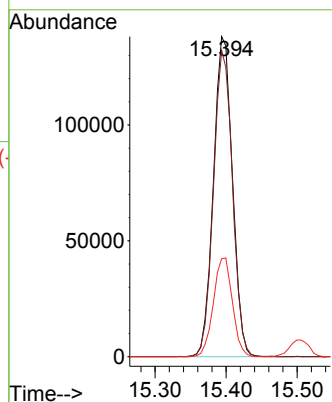
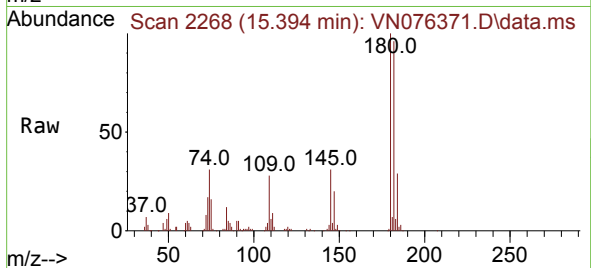
Tgt Ion:180 Resp: 256235

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

145 30.9 15.2 45.5



#94

Hexachlorobutadiene

Concen: 51.967 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.001 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

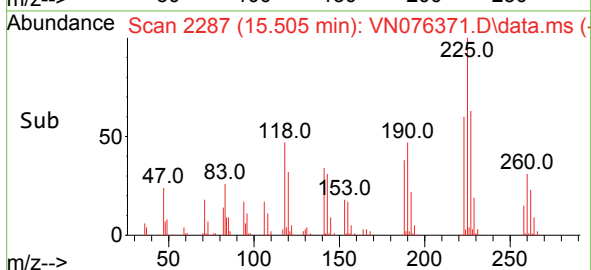
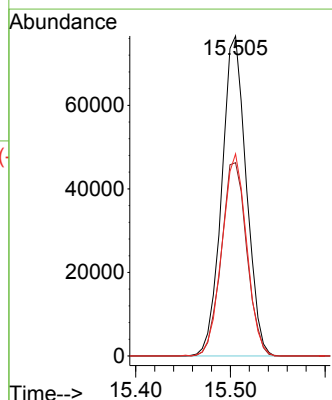
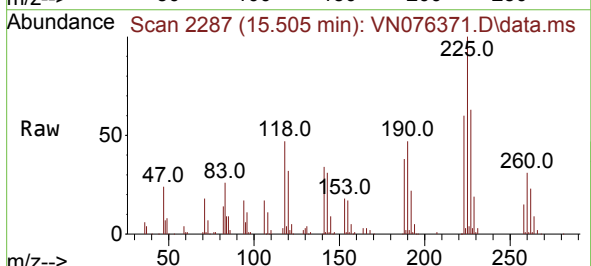
Tgt Ion:225 Resp: 137730

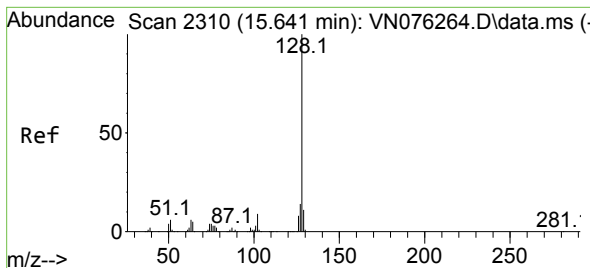
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 63.4 30.9 92.8





#95

Naphthalene

Concen: 49.599 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

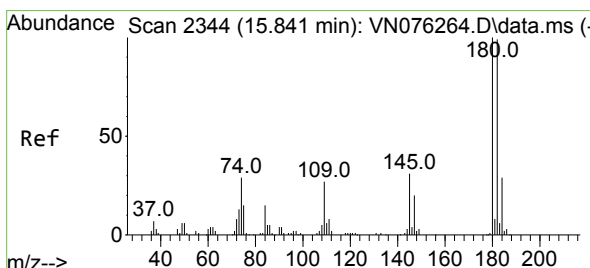
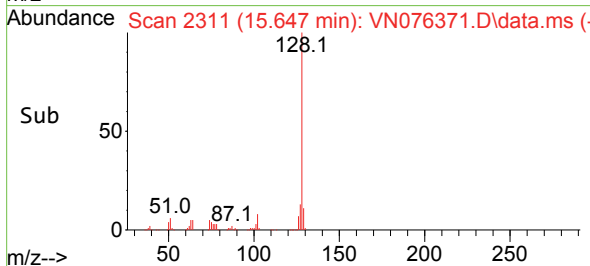
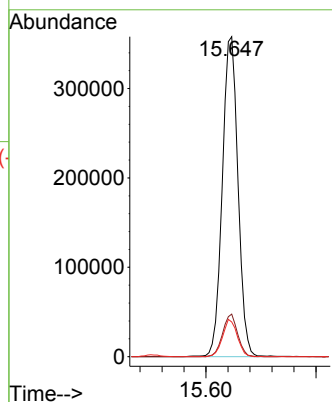
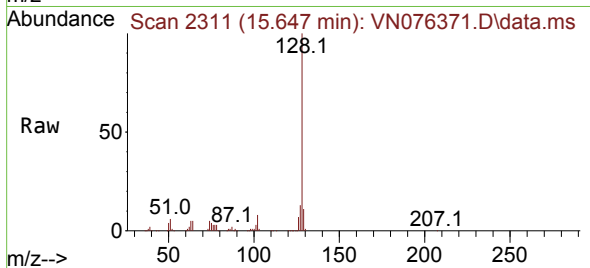
Tgt Ion:128 Resp: 708492

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.393 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Tgt Ion:180 Resp: 241267

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.5

145 32.5 15.9 47.6

