

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076474.D
 Acq On : 31 Jan 2023 09:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 01 00:42:10 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	8.230	168	367606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	603856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230037	55.888	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.780%	
35) Dibromofluoromethane	8.171	113	196227	51.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.900%	
50) Toluene-d8	10.571	98	711672	51.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.847	95	262571	57.656	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	183096	48.604	ug/l	98
3) Chloromethane	2.377	50	242033	62.055	ug/l	95
4) Vinyl Chloride	2.530	62	284597	59.508	ug/l	100
5) Bromomethane	2.959	94	177713	45.376	ug/l	98
6) Chloroethane	3.130	64	175835	49.032	ug/l	98
7) Trichlorofluoromethane	3.512	101	345580	52.523	ug/l	99
8) Diethyl Ether	3.977	74	116667	52.865	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	192169	51.593	ug/l	96
10) Methyl Iodide	4.601	142	281319	49.446	ug/l	96
11) Tert butyl alcohol	5.536	59	157819	286.660	ug/l	100
12) 1,1-Dichloroethene	4.353	96	173331	49.228	ug/l	89
13) Acrolein	4.189	56	170815	259.440	ug/l	100
14) Allyl chloride	5.036	41	237271	57.826	ug/l	88
15) Acrylonitrile	5.736	53	421217	268.860	ug/l	99
16) Acetone	4.442	43	342974	259.935	ug/l	99
17) Carbon Disulfide	4.730	76	381656	43.533	ug/l	97
18) Methyl Acetate	5.042	43	241683	54.047	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	635259	55.420	ug/l	100
20) Methylene Chloride	5.289	84	209170	53.617	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	188973	49.541	ug/l	97
22) Diisopropyl ether	6.683	45	567115	58.608	ug/l	98
23) Vinyl Acetate	6.612	43	1799256	287.708	ug/l	99
24) 1,1-Dichloroethane	6.583	63	354064	54.894	ug/l	99
25) 2-Butanone	7.489	43	525736	260.881	ug/l	97
26) 2,2-Dichloropropane	7.500	77	249978	45.984	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	234048	52.608	ug/l	99
28) Bromochloromethane	7.818	49	137668	52.659	ug/l	96
29) Tetrahydrofuran	7.841	42	348226	279.976	ug/l	98
30) Chloroform	7.971	83	407655	57.119	ug/l	99
31) Cyclohexane	8.259	56	284091	44.931	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	368272	56.518	ug/l	96
36) 1,1-Dichloropropene	8.377	75	271677	50.615	ug/l	100
37) Ethyl Acetate	7.571	43	221389	51.422	ug/l	99
38) Carbon Tetrachloride	8.365	117	326092	54.479	ug/l	98
39) Methylcyclohexane	9.606	83	323644	49.376	ug/l	95
40) Benzene	8.612	78	841344	52.421	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	126628	56.174	ug/l	97
42) 1,2-Dichloroethane	8.677	62	310644	56.569	ug/l	98
43) Isopropyl Acetate	8.694	43	390418	55.744	ug/l	99
44) Trichloroethene	9.353	130	221497	48.794	ug/l	100
45) 1,2-Dichloropropane	9.624	63	208932	54.371	ug/l	96
46) Dibromomethane	9.712	93	153915	53.051	ug/l	98
47) Bromodichloromethane	9.888	83	325950	57.925	ug/l	98
48) Methyl methacrylate	9.683	41	185502	55.946	ug/l	96
49) 1,4-Dioxane	9.700	88	75302	1076.301	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1177955	286.502	ug/l	99
52) Toluene	10.635	92	561172	52.284	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	312098	58.182	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	338917	54.918	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	225781	55.034	ug/l	96
56) Ethyl methacrylate	10.877	69	318466	60.127	ug/l	97
57) 1,3-Dichloropropane	11.165	76	367196	55.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	466239	260.751	ug/l	99
59) 2-Hexanone	11.200	43	841424	282.411	ug/l	99
60) Dibromochloromethane	11.359	129	258222	59.792	ug/l	100
61) 1,2-Dibromoethane	11.471	107	223422	54.559	ug/l	100
64) Tetrachloroethene	11.106	164	219284	43.981	ug/l	97
65) Chlorobenzene	11.894	112	604777	51.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	237916	54.714	ug/l	100
67) Ethyl Benzene	11.965	91	1109265	55.457	ug/l	98
68) m/p-Xylenes	12.071	106	876333	109.260	ug/l	98
69) o-Xylene	12.400	106	428765	54.436	ug/l	96
70) Styrene	12.412	104	718133	57.101	ug/l	98
71) Bromoform	12.582	173	182633	58.159	ug/l #	99
73) Isopropylbenzene	12.700	105	1145819	52.960	ug/l	100
74) N-amyl acetate	12.494	43	341331	54.846	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	318972	51.285	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	387517	76.563	ug/l	86
77) Bromobenzene	12.982	156	264654	52.347	ug/l	96
78) n-propylbenzene	13.035	91	1304665	53.443	ug/l	99
79) 2-Chlorotoluene	13.129	91	776939	51.864	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	985049	54.346	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	85746	51.012	ug/l	97
82) 4-Chlorotoluene	13.129	91	776939	51.864	ug/l	99
83) tert-Butylbenzene	13.441	119	864217	53.608	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	986004	54.251	ug/l	99
85) sec-Butylbenzene	13.618	105	1227368	54.868	ug/l	99
86) p-Isopropyltoluene	13.729	119	1038641	56.465	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	510332	50.045	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	496858	51.217	ug/l	99
89) n-Butylbenzene	14.059	91	810714	55.520	ug/l	99
90) Hexachloroethane	14.335	117	177259	55.834	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	493387	48.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56017	51.813	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	236764	48.289	ug/l	99
94) Hexachlorobutadiene	15.506	225	119351	44.281	ug/l	98
95) Naphthalene	15.641	128	660026	45.590	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	220962	47.298	ug/l	99

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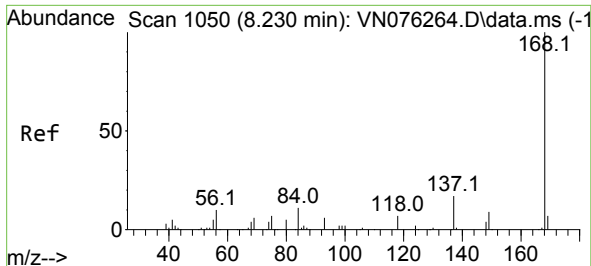
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

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

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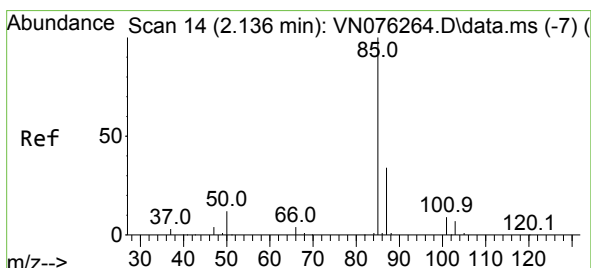
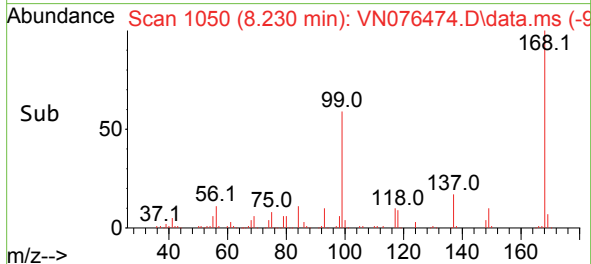
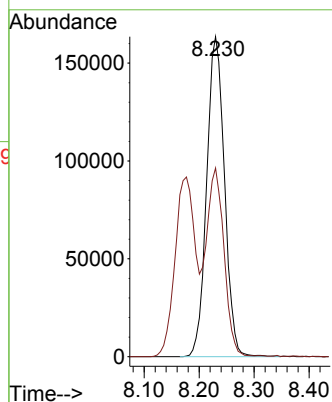
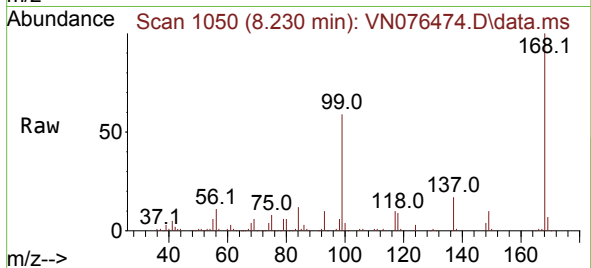




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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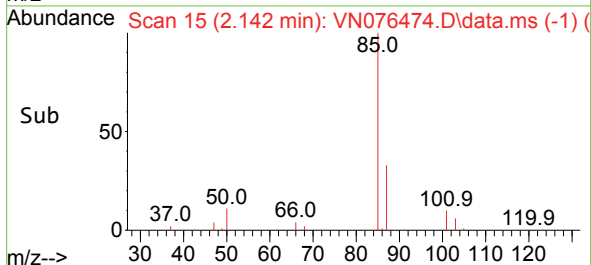
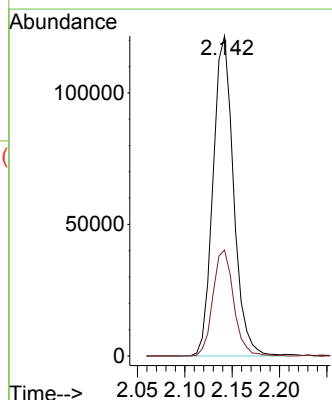
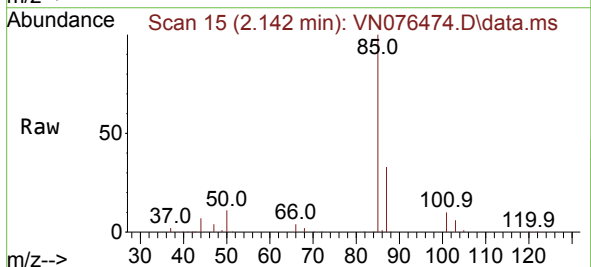
Instrument :
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VSTDCCC050

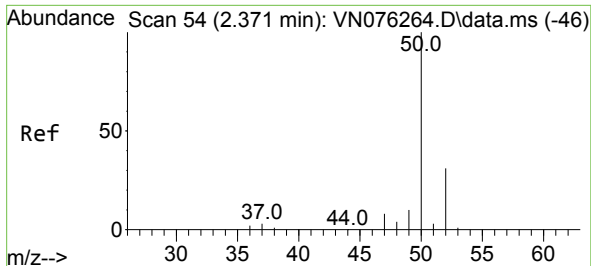
Tgt Ion:168 Resp: 367606
Ion Ratio Lower Upper
168 100
99 58.8 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 48.604 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 85 Resp: 183096
Ion Ratio Lower Upper
85 100
87 33.1 17.1 51.2

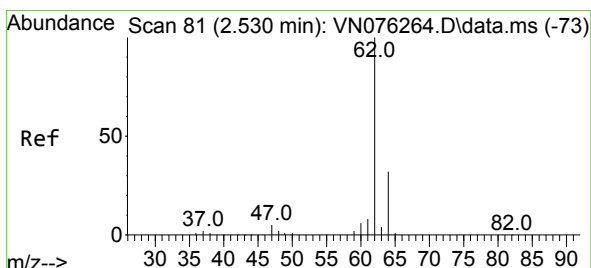
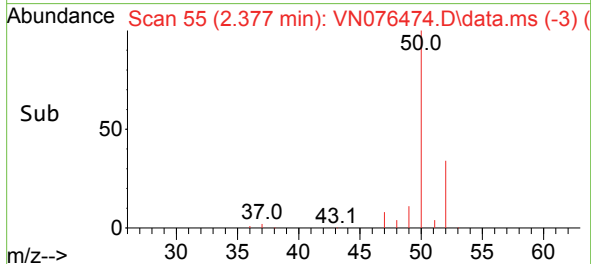
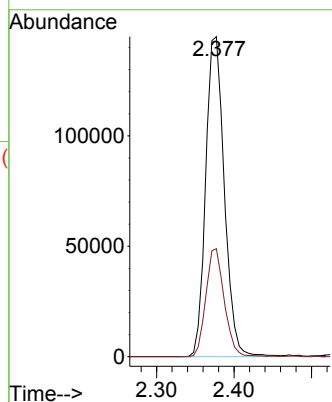
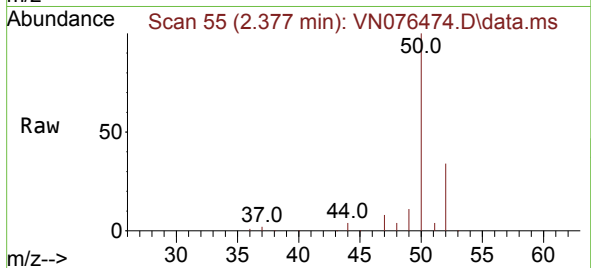




#3
Chloromethane
Concen: 62.055 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

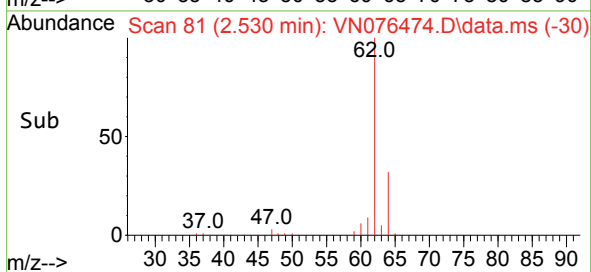
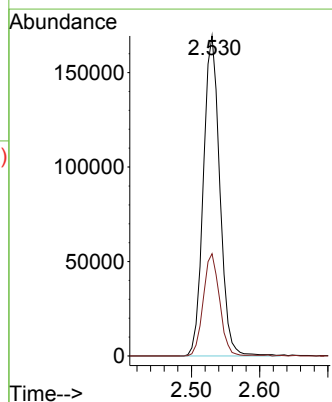
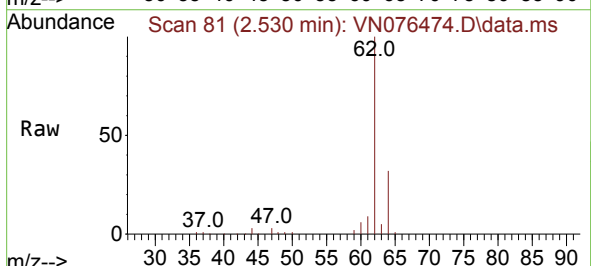
Instrument :
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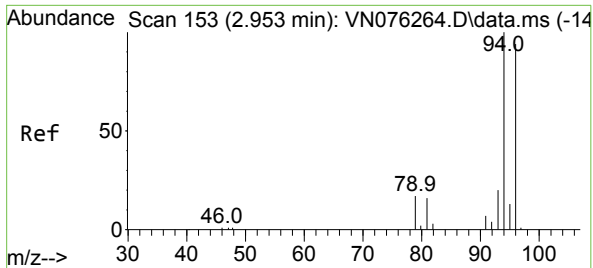
Tgt Ion: 50 Resp: 242033
Ion Ratio Lower Upper
50 100
52 33.8 24.8 37.2



#4
Vinyl Chloride
Concen: 59.508 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 62 Resp: 284597
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6

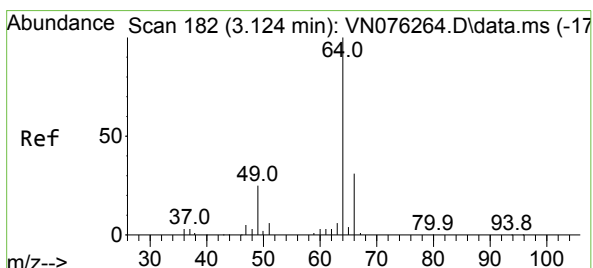
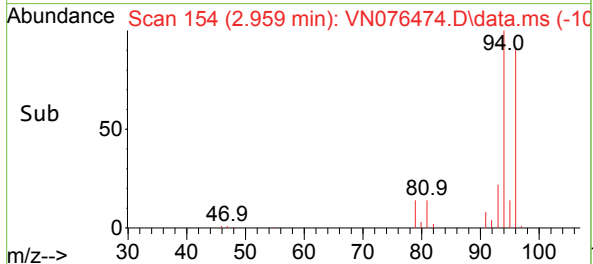
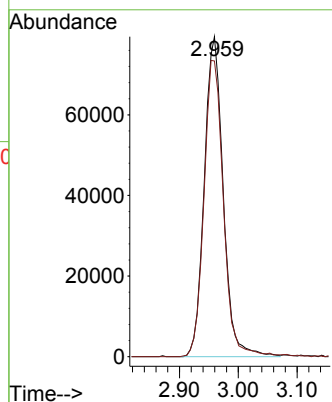
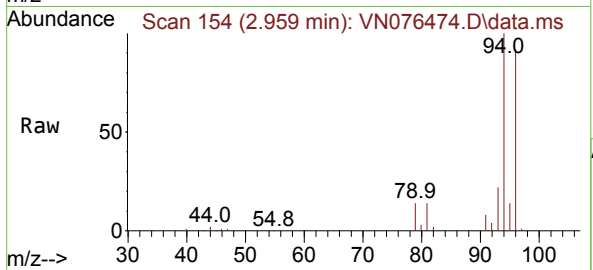




#5
Bromomethane
Concen: 45.376 ug/l
RT: 2.959 min Scan# 153
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

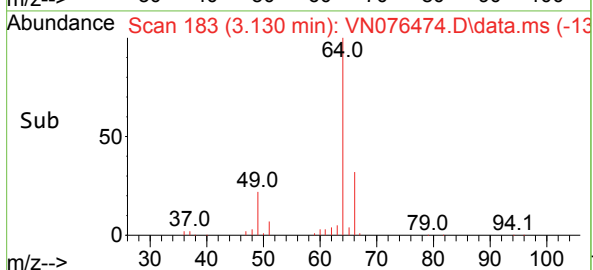
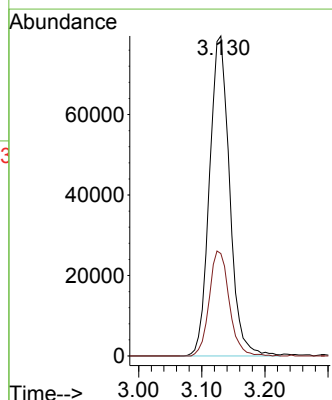
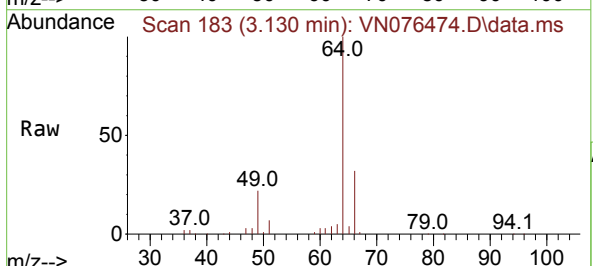
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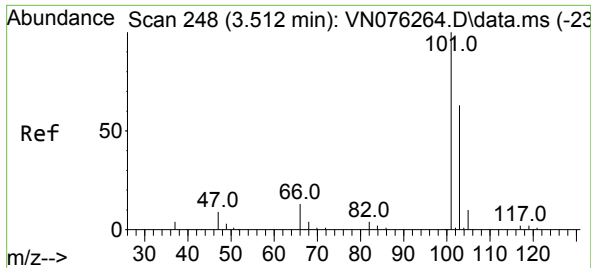
Tgt Ion: 94 Resp: 177713
Ion Ratio Lower Upper
94 100
96 92.4 75.1 112.7



#6
Chloroethane
Concen: 49.032 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 64 Resp: 175835
Ion Ratio Lower Upper
64 100
66 32.0 24.8 37.2

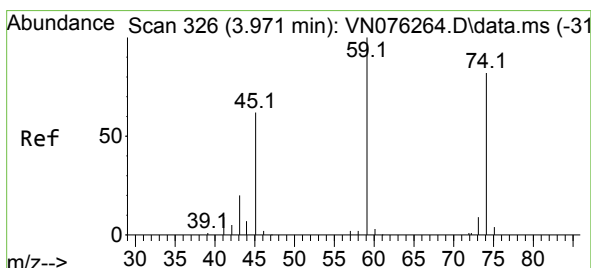
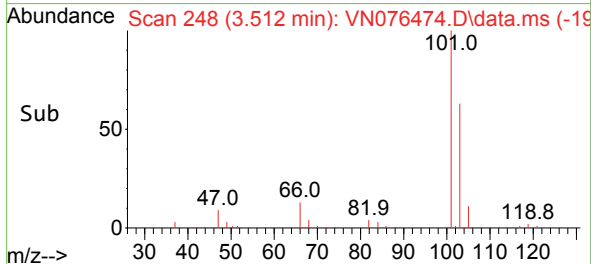
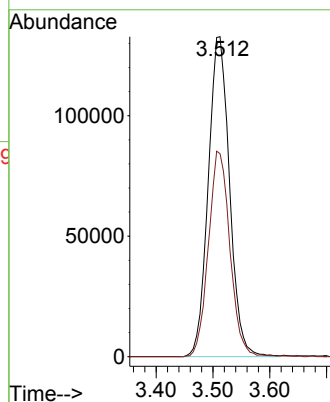
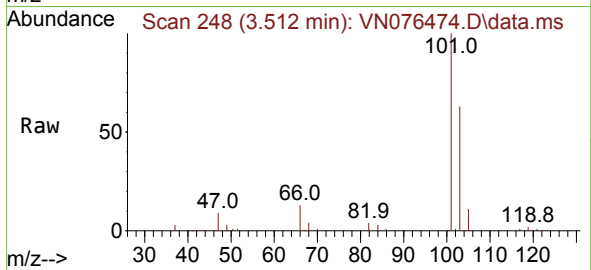




#7
 Trichlorofluoromethane
 Concen: 52.523 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

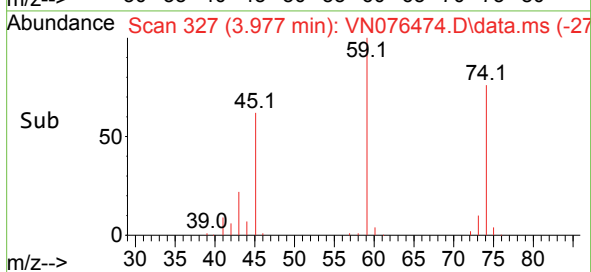
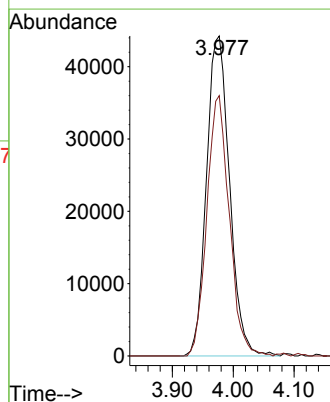
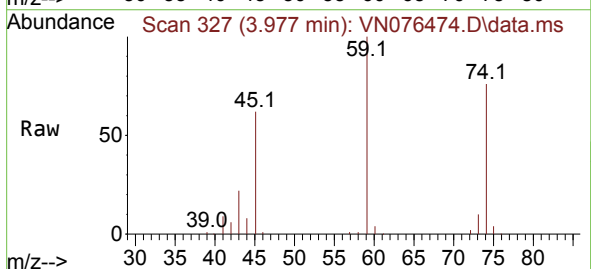
Instrument :
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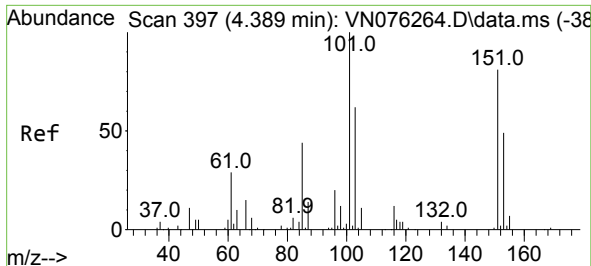
Tgt Ion:101 Resp: 345580
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.2 75.4



#8
 Diethyl Ether
 Concen: 52.865 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

Tgt Ion: 74 Resp: 116667
 Ion Ratio Lower Upper
 74 100
 45 79.1 37.8 113.3

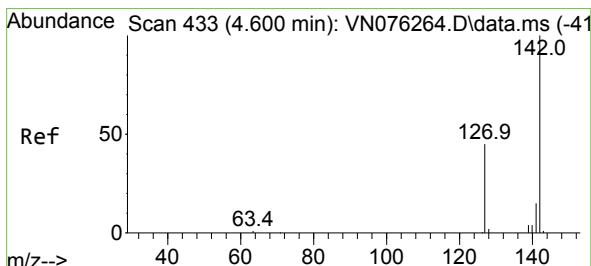
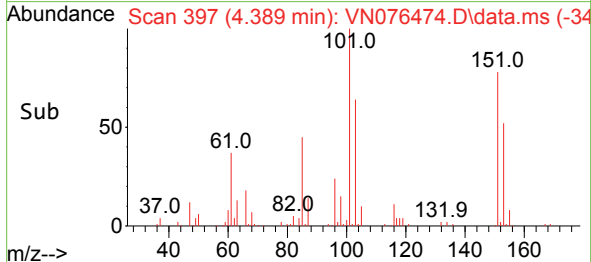
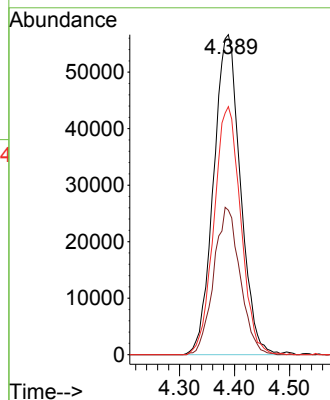
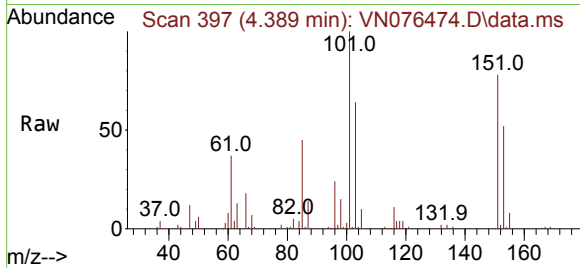




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.593 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

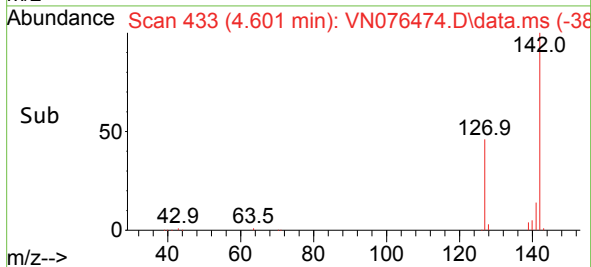
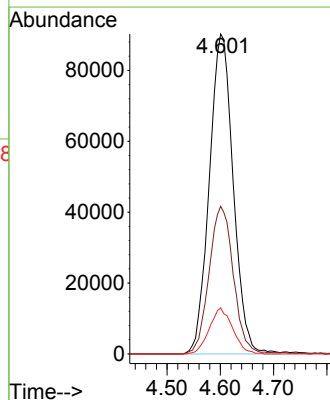
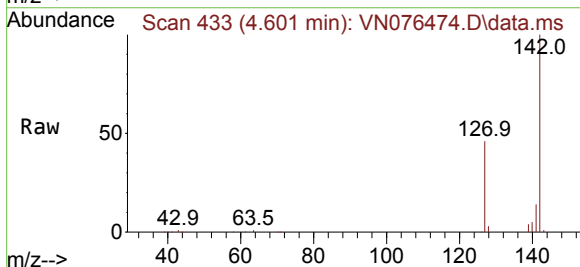
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

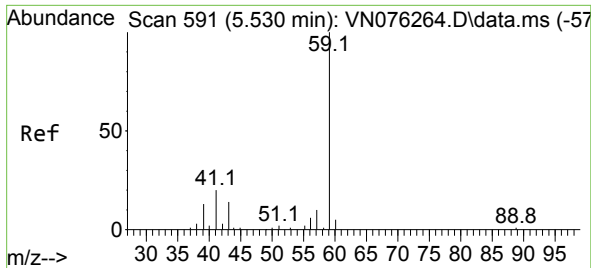
Tgt Ion:101 Resp: 192169
Ion Ratio Lower Upper
101 100
85 45.0 35.5 53.3
151 77.3 65.5 98.3



#10
Methyl Iodide
Concen: 49.446 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.001 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion:142 Resp: 281319
Ion Ratio Lower Upper
142 100
127 47.1 35.0 52.4
141 14.1 11.5 17.3

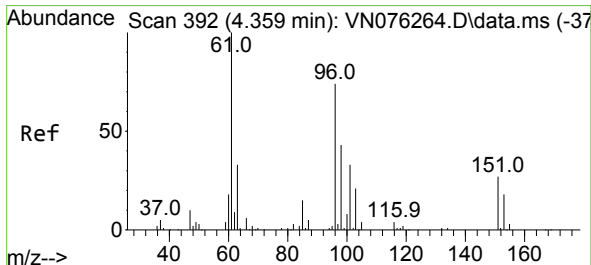
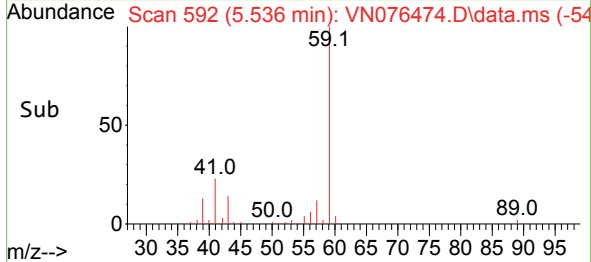
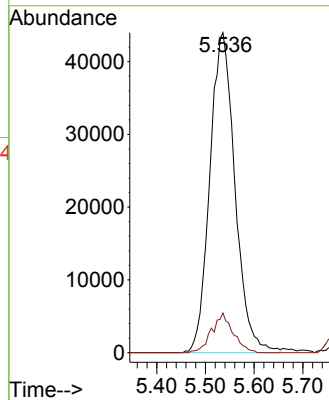
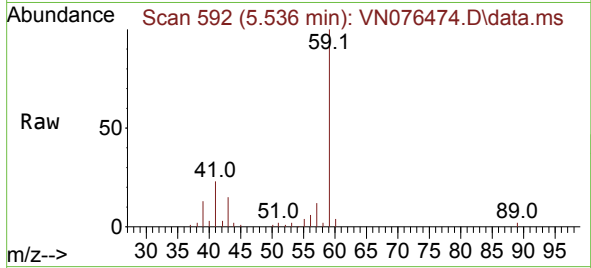




#11
Tert butyl alcohol
Concen: 286.660 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

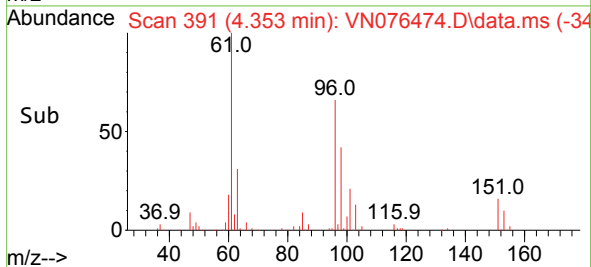
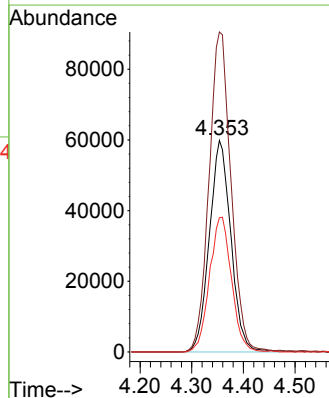
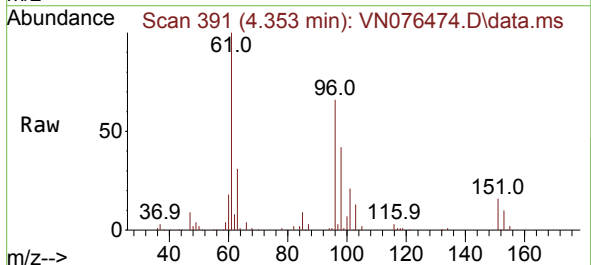
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

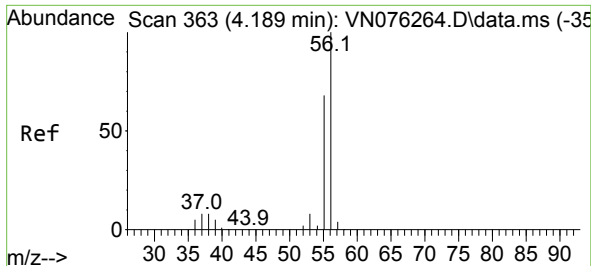
Tgt Ion: 59 Resp: 157819
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.228 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 96 Resp: 173331
Ion Ratio Lower Upper
96 100
61 151.3 108.2 162.4
98 63.4 47.0 70.6

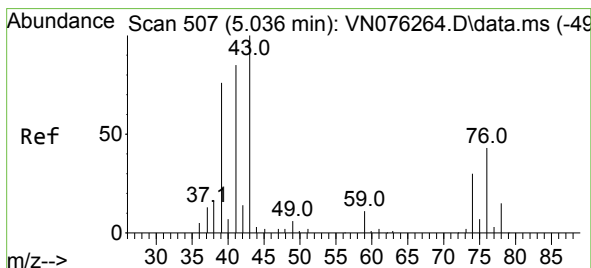
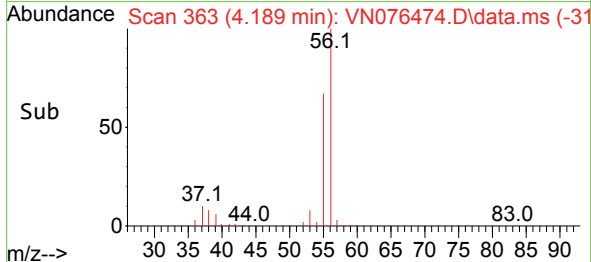
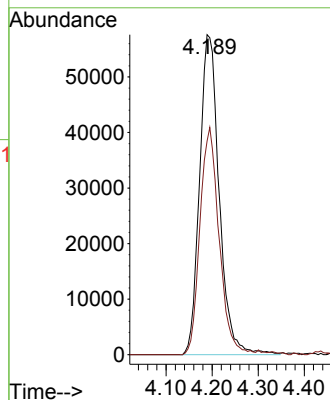
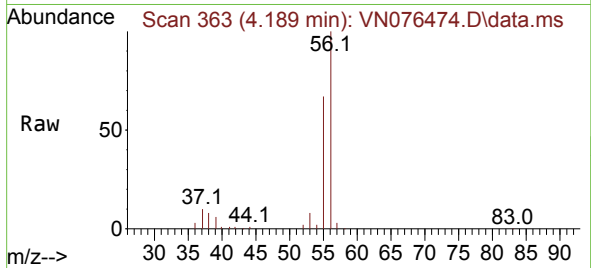




#13
Acrolein
Concen: 259.440 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

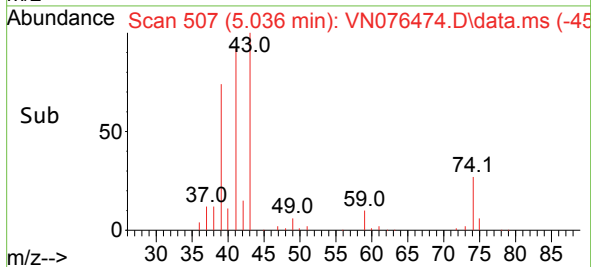
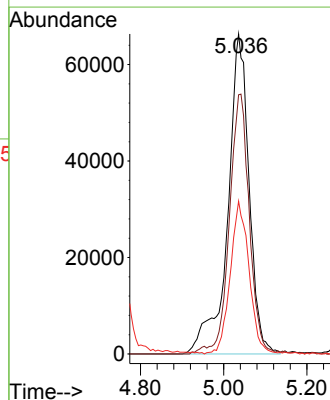
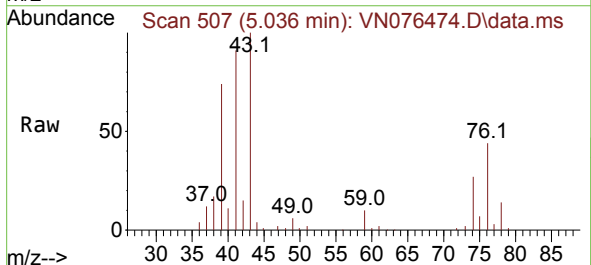
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

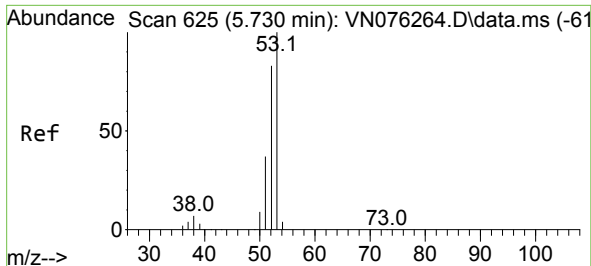
Tgt Ion: 56 Resp: 170815
Ion Ratio Lower Upper
56 100
55 69.3 55.8 83.6



#14
Allyl chloride
Concen: 57.826 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 41 Resp: 237271
Ion Ratio Lower Upper
41 100
39 73.5 67.4 101.0
76 41.9 39.8 59.8

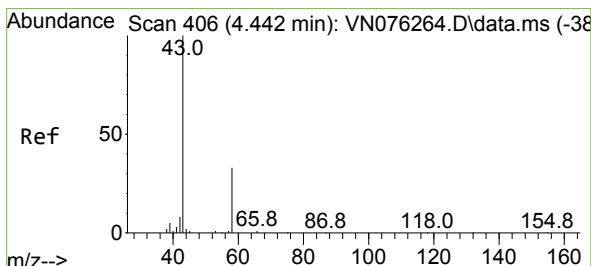
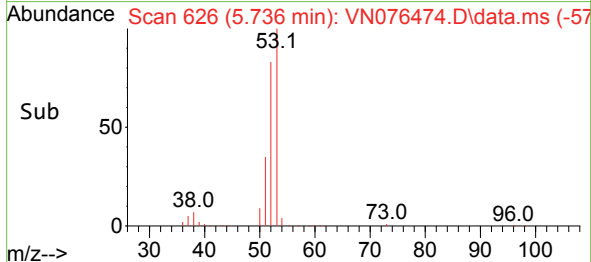
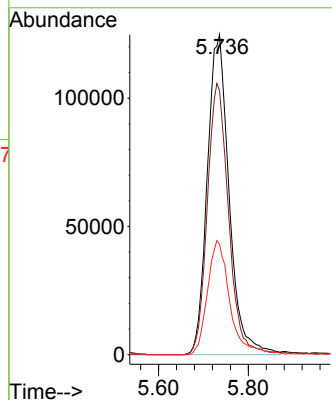
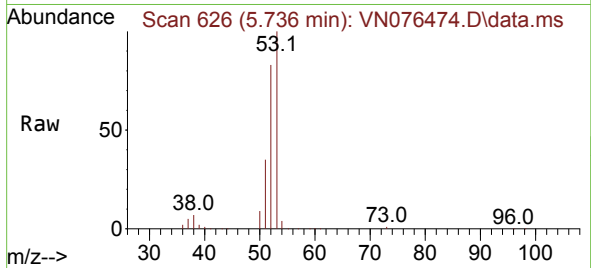




#15
Acrylonitrile
Concen: 268.860 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

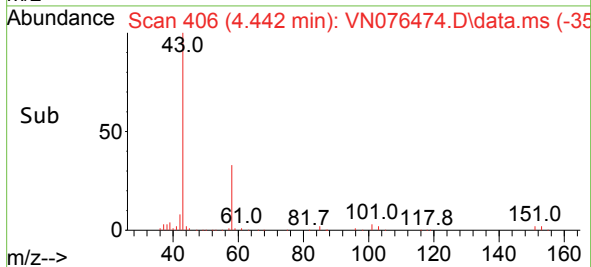
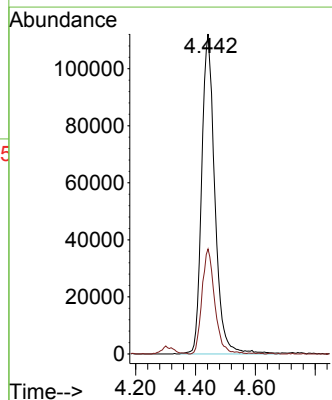
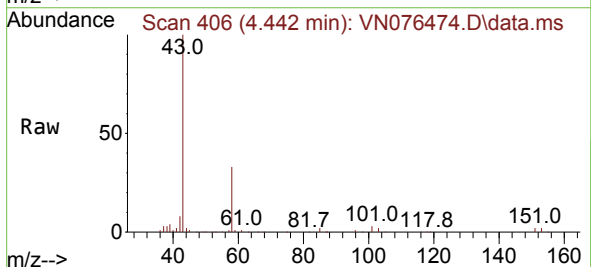
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

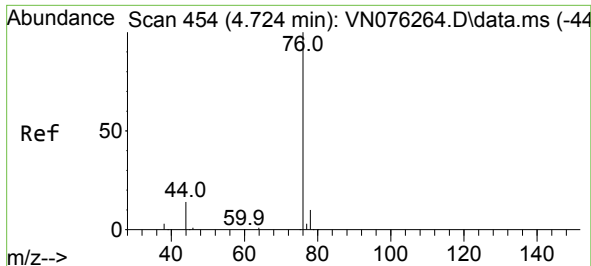
Tgt Ion: 53 Resp: 421217
Ion Ratio Lower Upper
53 100
52 82.5 64.7 97.1
51 36.5 29.2 43.8



#16
Acetone
Concen: 259.935 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 43 Resp: 342974
Ion Ratio Lower Upper
43 100
58 32.8 26.7 40.1

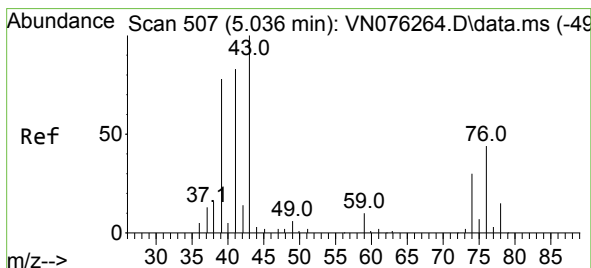
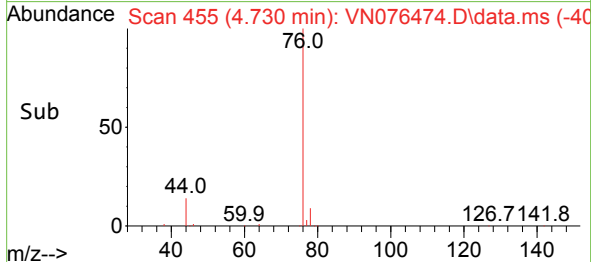
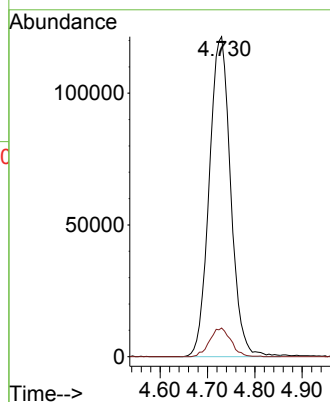
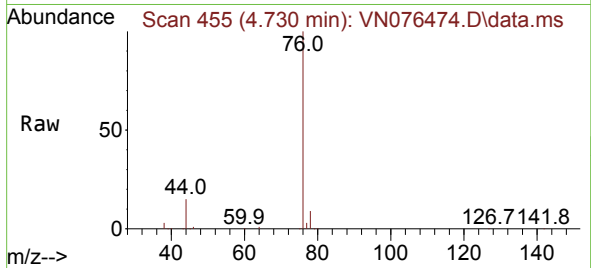




#17
Carbon Disulfide
Concen: 43.533 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

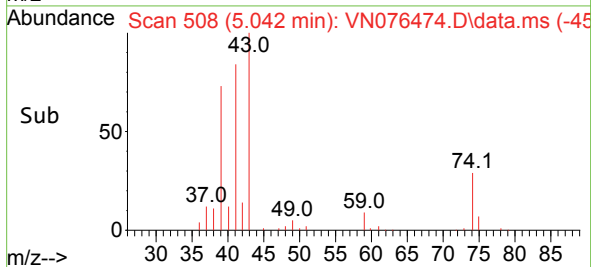
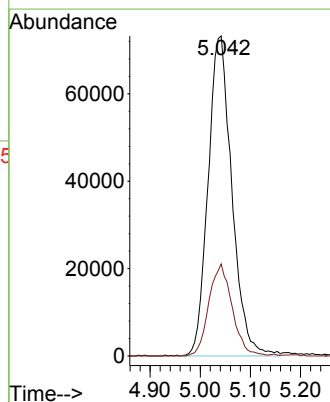
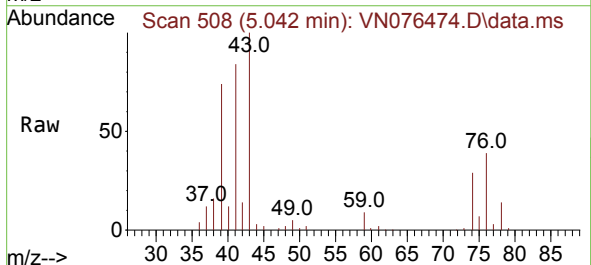
Instrument :
MSVOA_N
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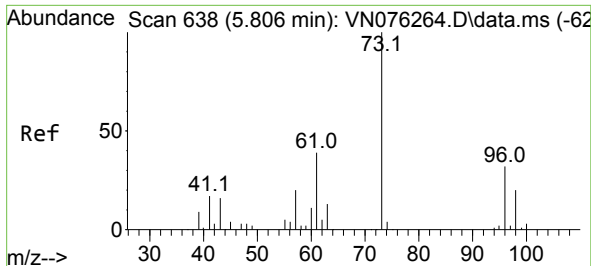
Tgt Ion: 76 Resp: 381656
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0



#18
Methyl Acetate
Concen: 54.047 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 43 Resp: 241683
Ion Ratio Lower Upper
43 100
74 28.1 23.3 34.9

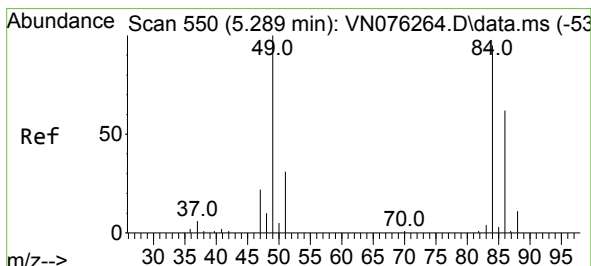
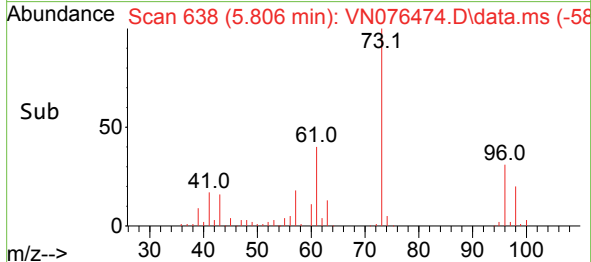
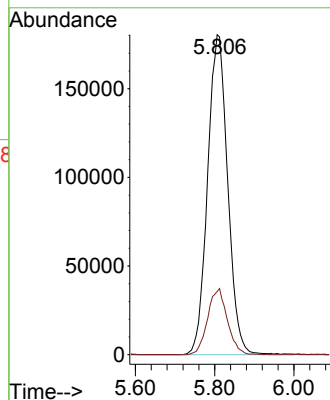
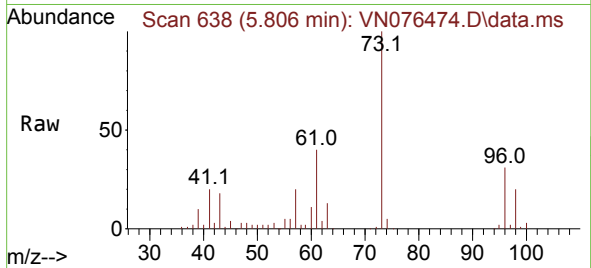




#19
Methyl tert-butyl Ether
Concen: 55.420 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

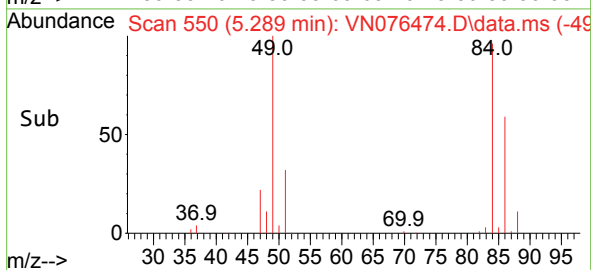
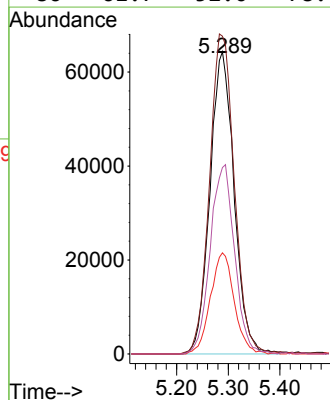
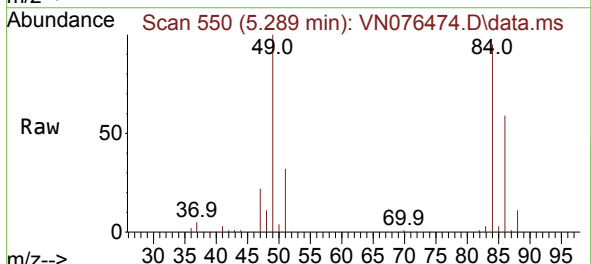
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

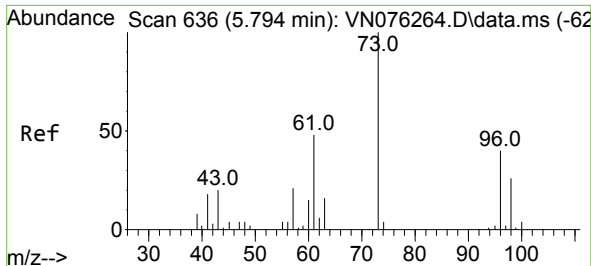
Tgt Ion: 73 Resp: 635259
Ion Ratio Lower Upper
73 100
57 19.8 15.9 23.9



#20
Methylene Chloride
Concen: 53.617 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 84 Resp: 209170
Ion Ratio Lower Upper
84 100
49 105.1 84.5 126.7
51 33.5 26.0 39.0
86 61.7 52.0 78.0

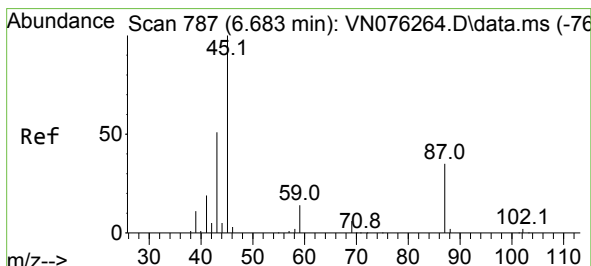
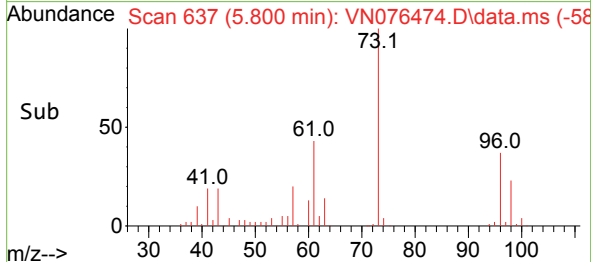
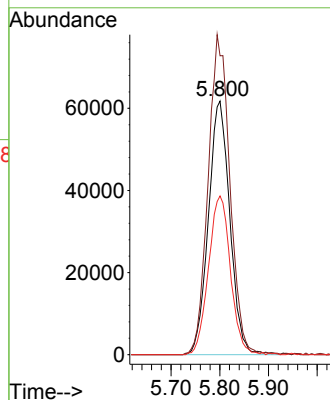
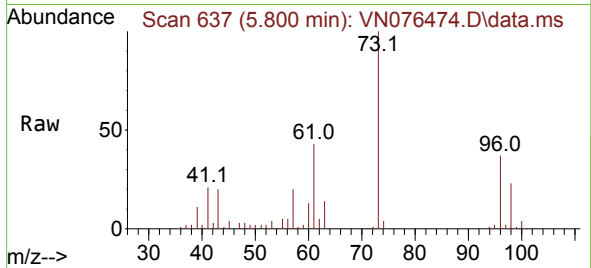




#21
trans-1,2-Dichloroethene
Concen: 49.541 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

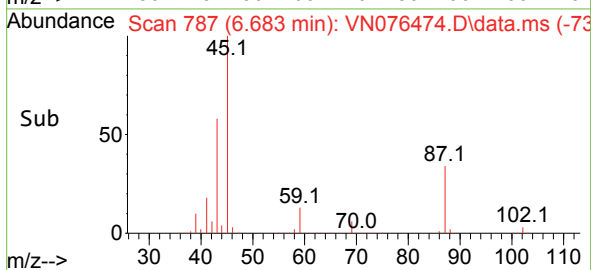
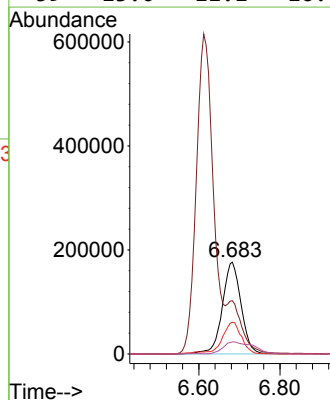
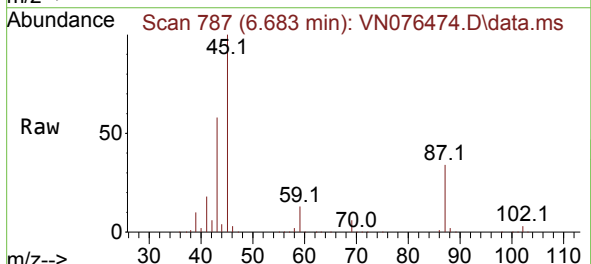
Instrument :
MSVOA_N
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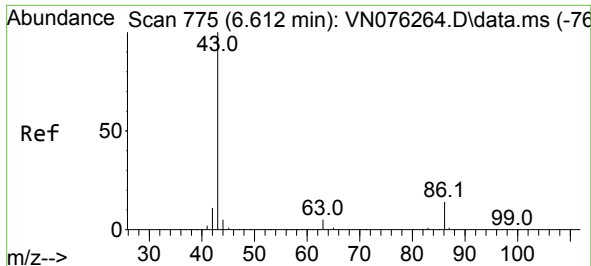
Tgt Ion: 96 Resp: 188973
Ion Ratio Lower Upper
96 100
61 117.8 97.0 145.4
98 62.6 51.9 77.9



#22
Diisopropyl ether
Concen: 58.608 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 45 Resp: 567115
Ion Ratio Lower Upper
45 100
43 57.2 44.4 66.6
87 34.5 28.4 42.6
59 13.0 11.1 16.7

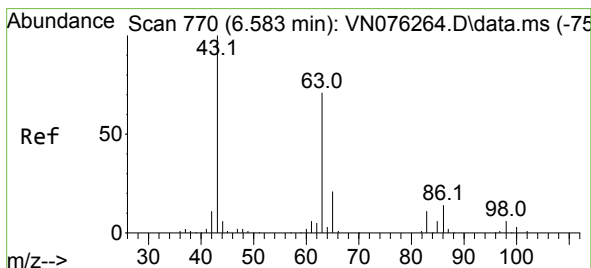
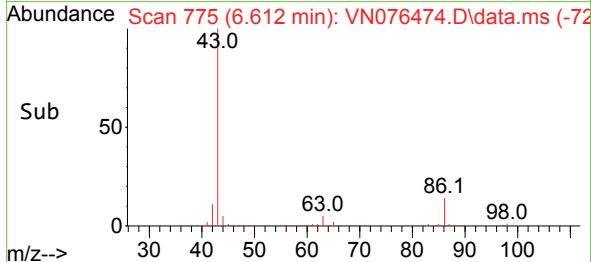
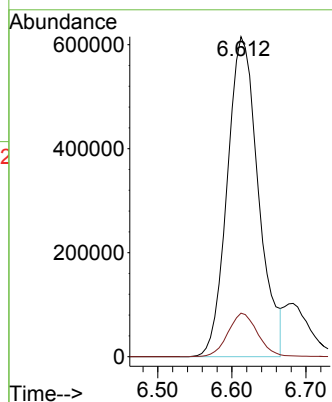
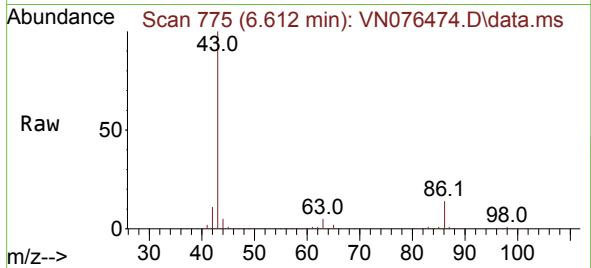




#23
 Vinyl Acetate
 Concen: 287.708 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

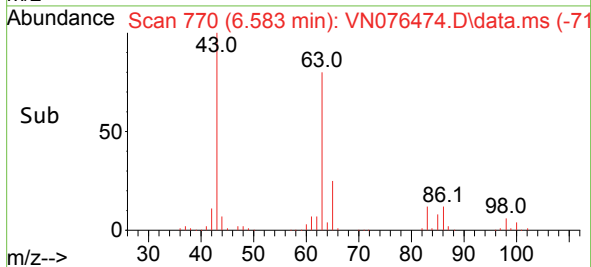
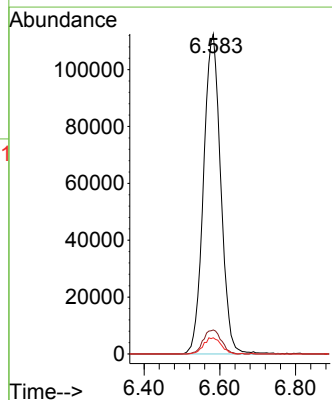
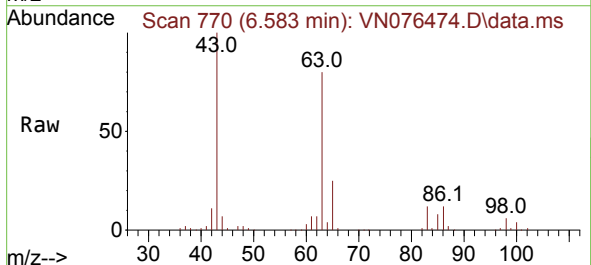
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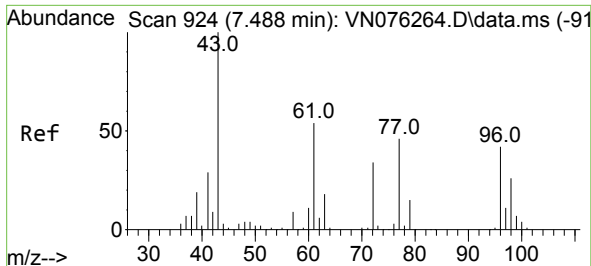
Tgt Ion: 43 Resp: 1799256
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 54.894 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

Tgt Ion: 63 Resp: 354064
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.1 2.2 6.6

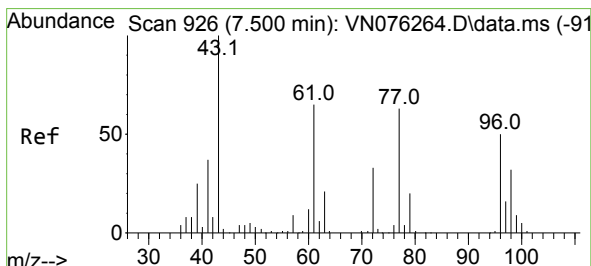
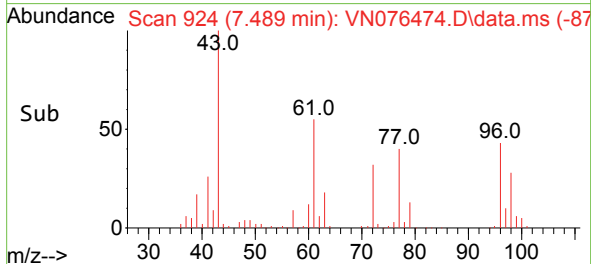
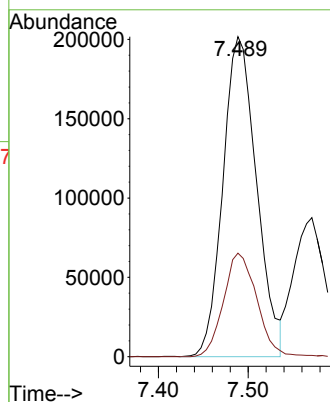
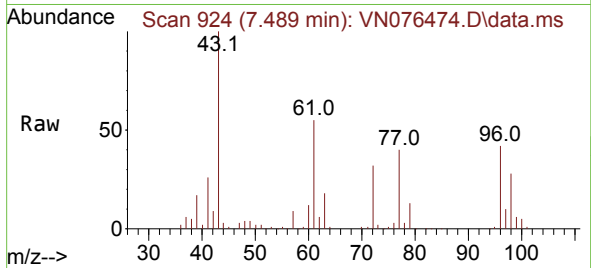




#25
2-Butanone
Concen: 260.881 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

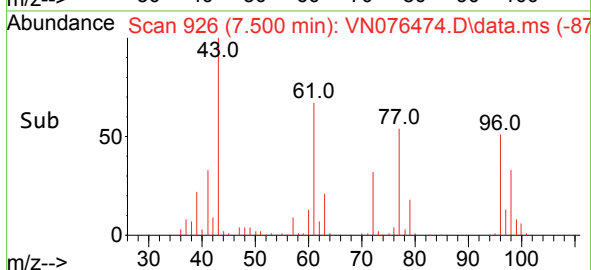
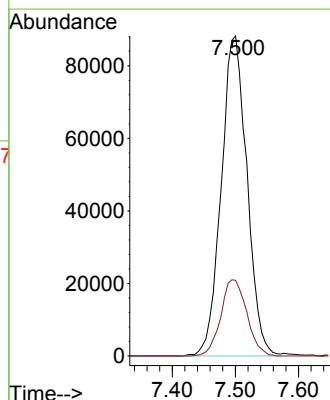
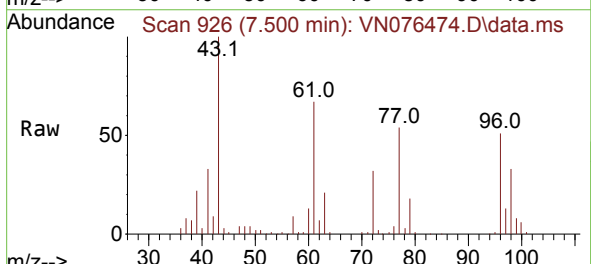
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MSVOA_N
ClientSampleId :
VSTDCCC050

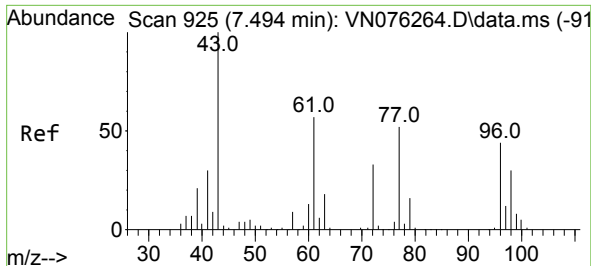
Tgt Ion: 43 Resp: 525736
Ion Ratio Lower Upper
43 100
72 32.4 27.4 41.2



#26
2,2-Dichloropropane
Concen: 45.984 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 77 Resp: 249978
Ion Ratio Lower Upper
77 100
97 24.1 11.8 35.4

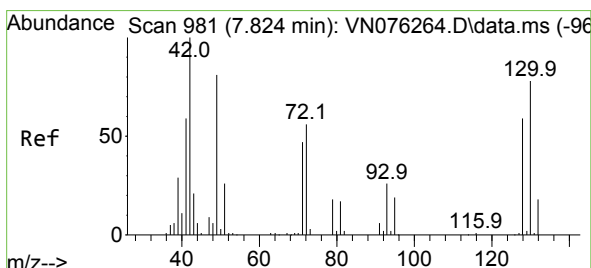
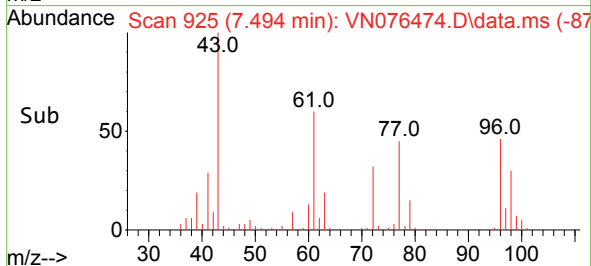
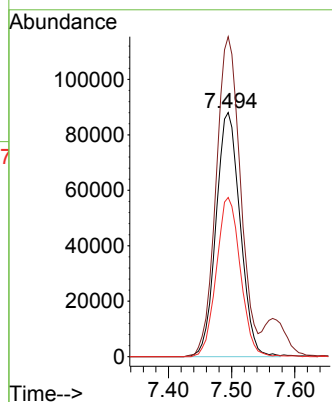
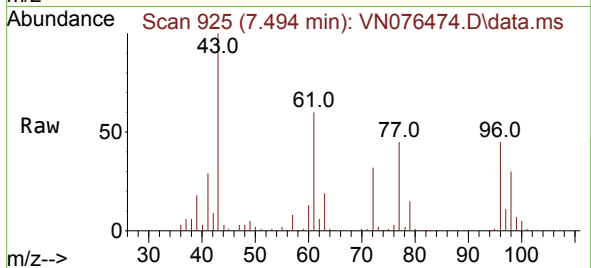




#27
 cis-1,2-Dichloroethene
 Concen: 52.608 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

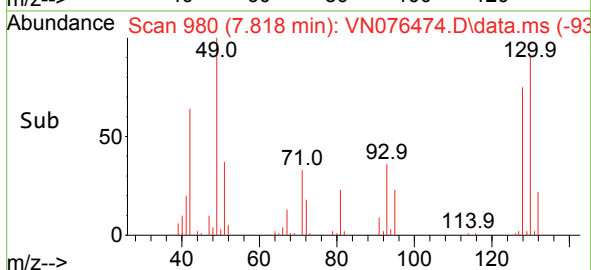
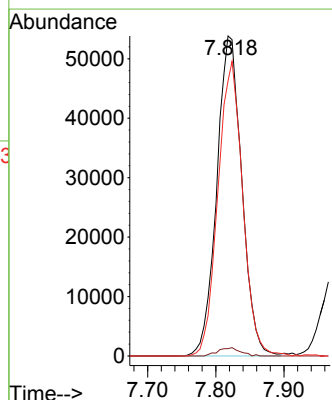
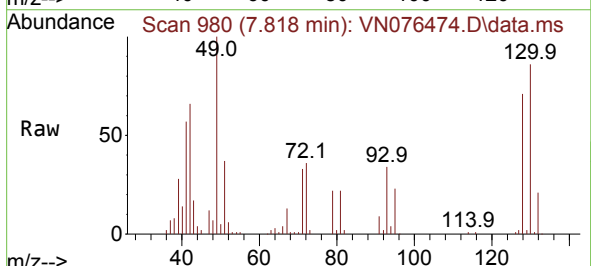
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

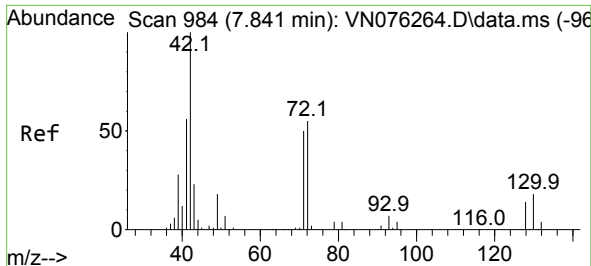
Tgt Ion: 96 Resp: 234048
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 259.6
 98 64.9 0.0 129.4



#28
 Bromochloromethane
 Concen: 52.659 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

Tgt Ion: 49 Resp: 137668
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 91.0 76.0 114.0

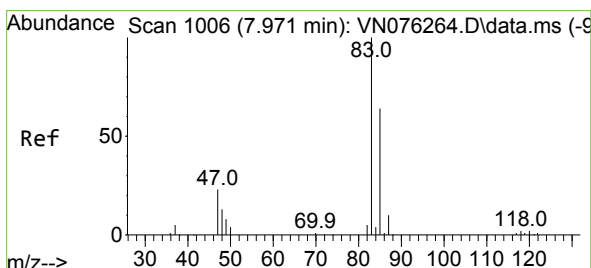
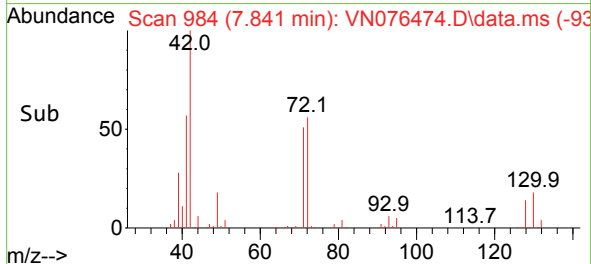
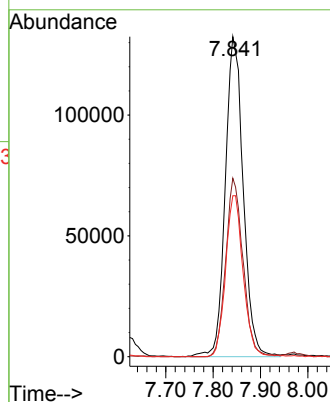
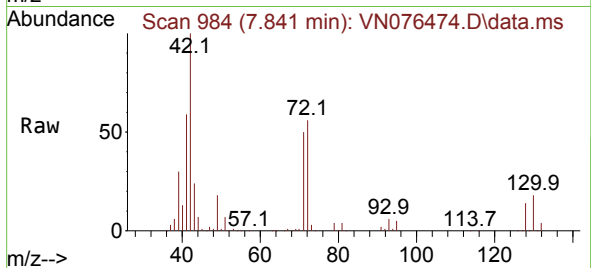




#29
Tetrahydrofuran
Concen: 279.976 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

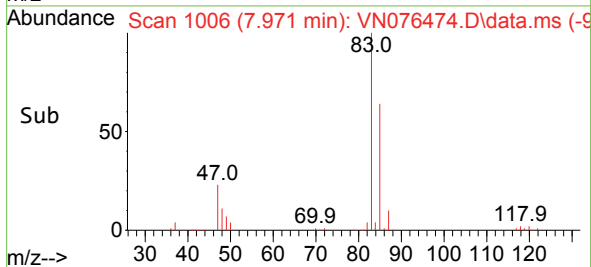
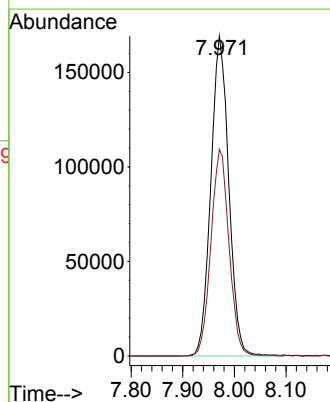
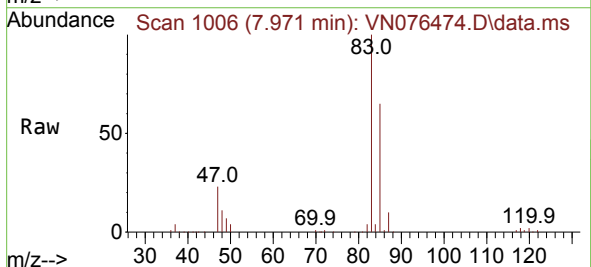
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

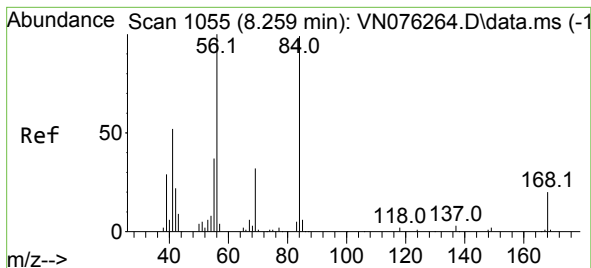
Tgt Ion: 42 Resp: 348226
Ion Ratio Lower Upper
42 100
72 53.9 44.0 66.0
71 49.4 41.1 61.7



#30
Chloroform
Concen: 57.119 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 83 Resp: 407655
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6





#31

Cyclohexane

Concen: 44.931 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

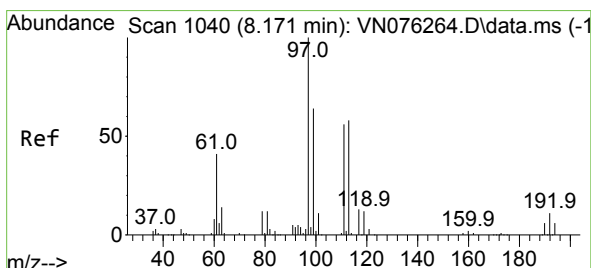
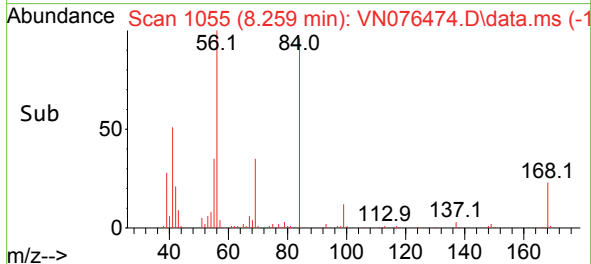
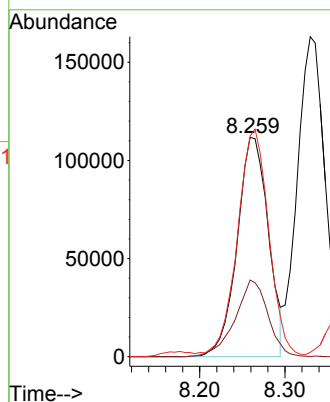
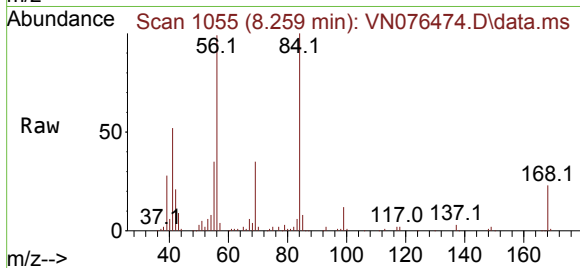
Tgt Ion: 56 Resp: 284091

Ion Ratio Lower Upper

56 100

69 34.9 25.8 38.8

84 98.3 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 56.518 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

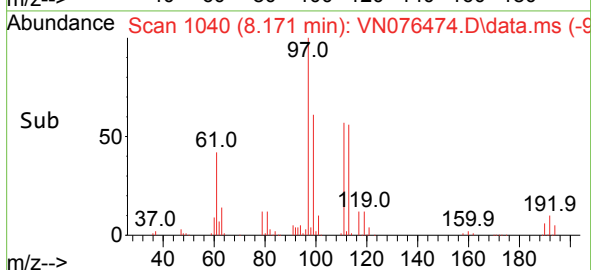
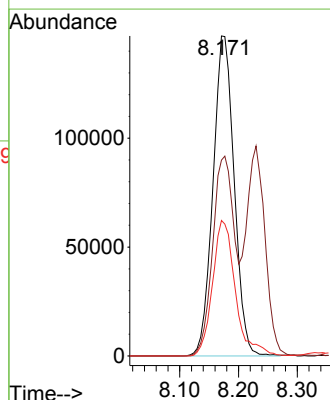
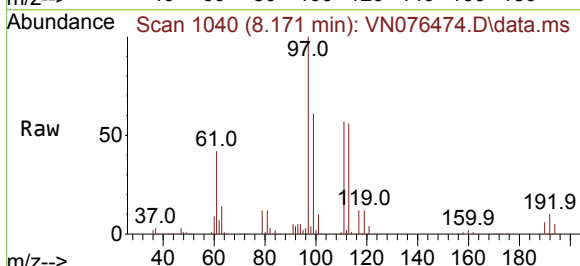
Tgt Ion: 97 Resp: 368272

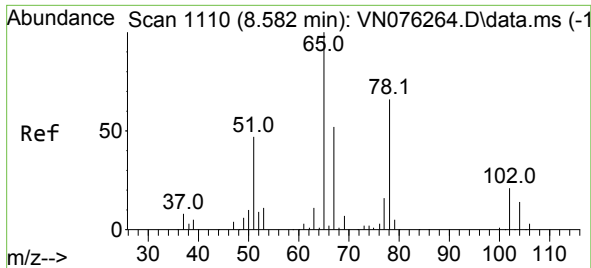
Ion Ratio Lower Upper

97 100

99 63.5 55.0 82.4

61 45.7 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 55.888 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

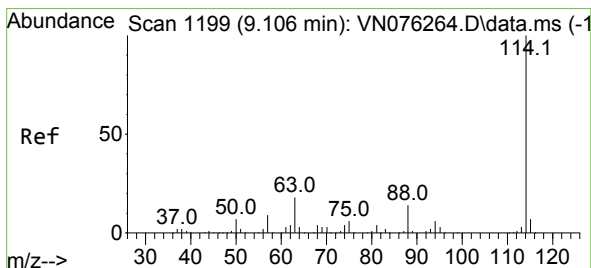
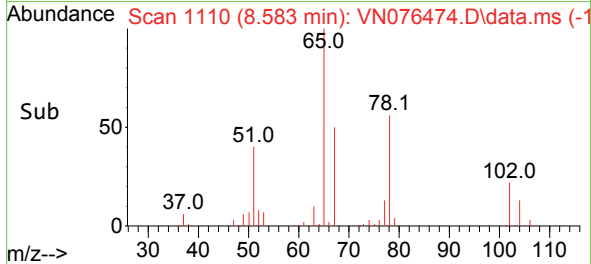
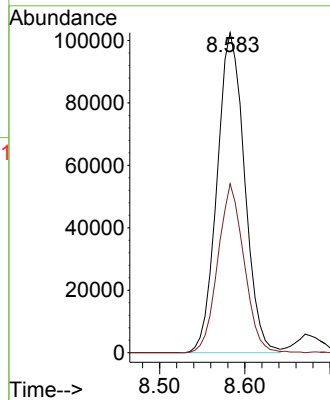
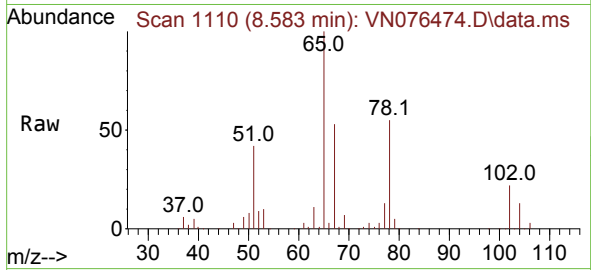
VSTDCCC050

Tgt Ion: 65 Resp: 230037

Ion Ratio Lower Upper

65 100

67 50.4 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: VN076474.D

Acq: 31 Jan 2023 09:14

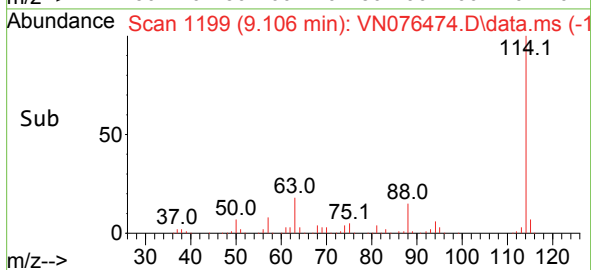
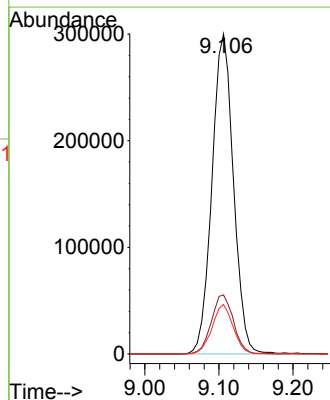
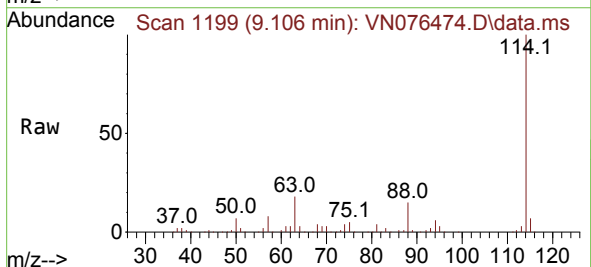
Tgt Ion: 114 Resp: 603856

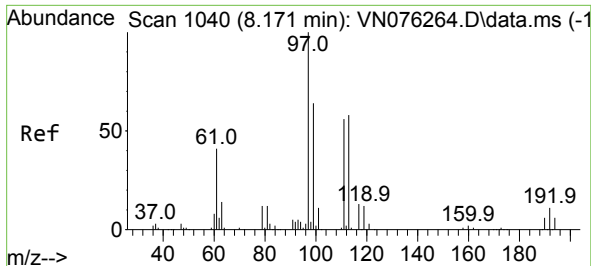
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.8

88 15.4 0.0 28.0





#35

Dibromofluoromethane

Concen: 51.948 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

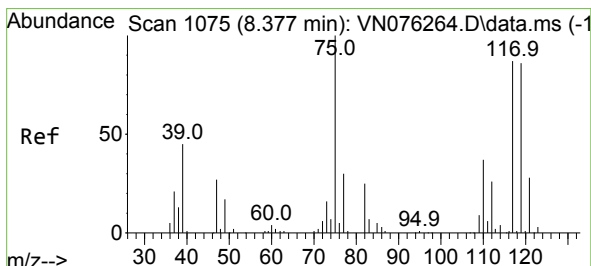
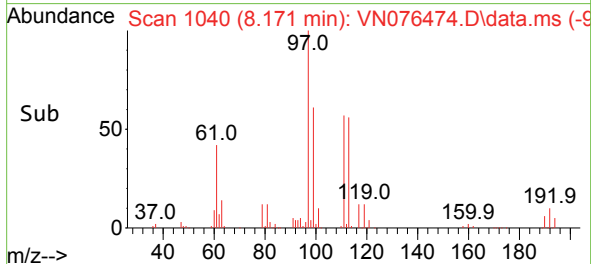
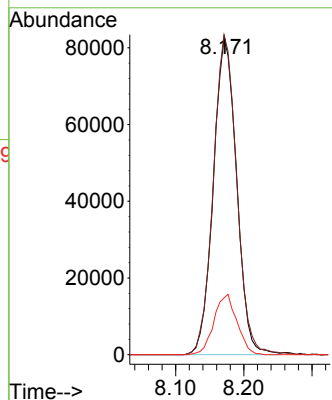
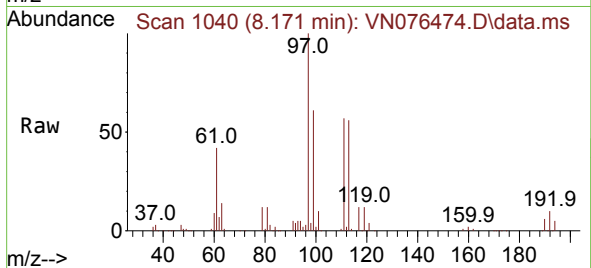
Tgt Ion:113 Resp: 196227

Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

192 18.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 50.615 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

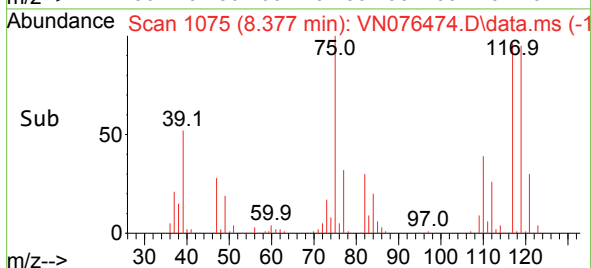
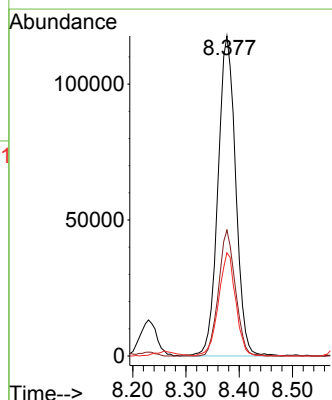
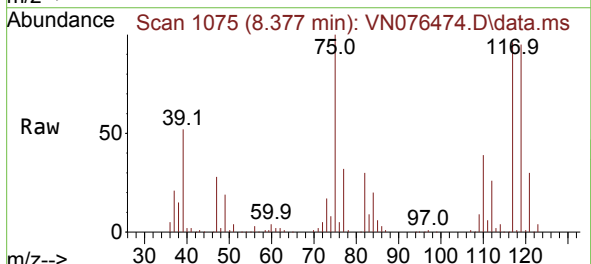
Tgt Ion: 75 Resp: 271677

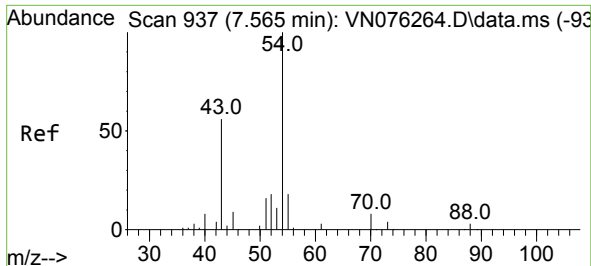
Ion Ratio Lower Upper

75 100

110 37.4 18.8 56.3

77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 51.422 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

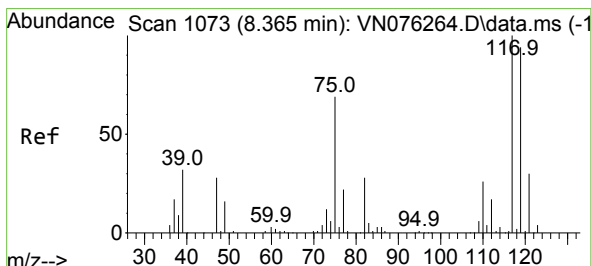
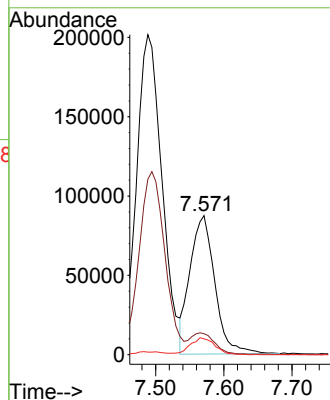
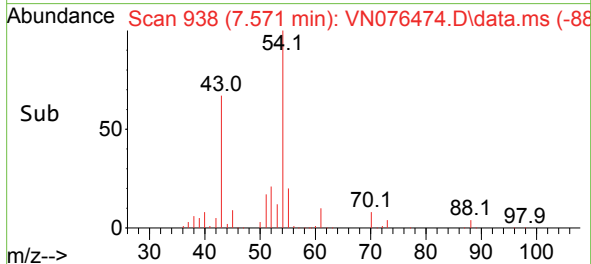
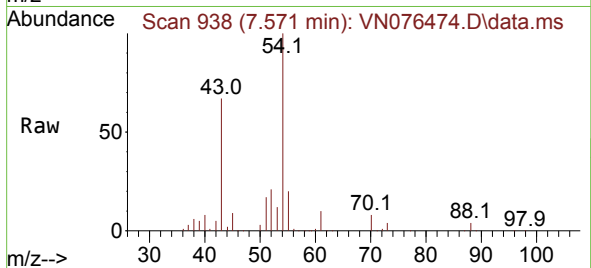
Tgt Ion: 43 Resp: 221389

Ion Ratio Lower Upper

43 100

61 14.0 11.1 16.7

70 12.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 54.479 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

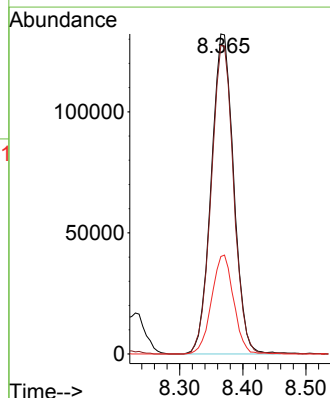
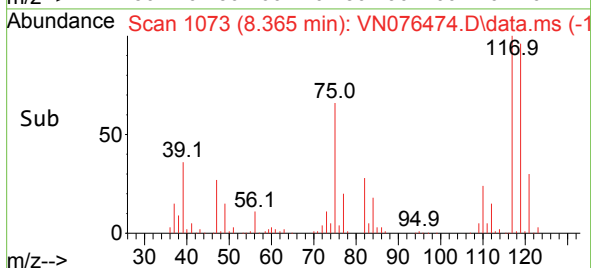
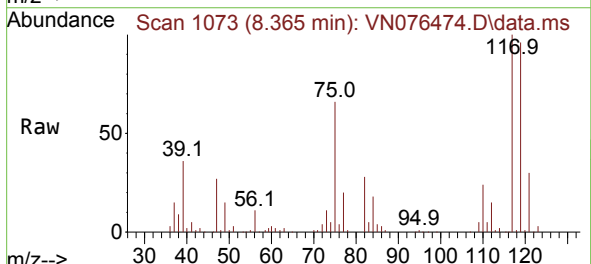
Tgt Ion: 117 Resp: 326092

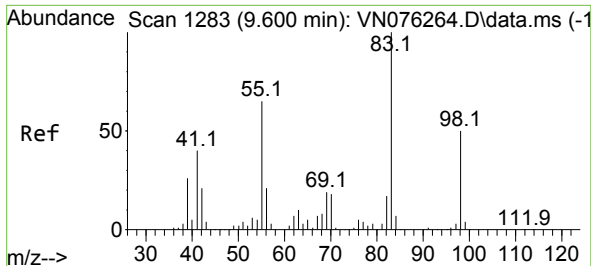
Ion Ratio Lower Upper

117 100

119 96.4 75.4 113.0

121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 49.376 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

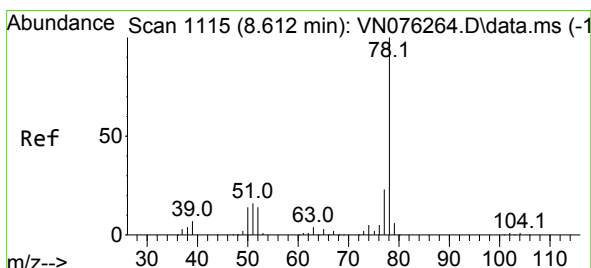
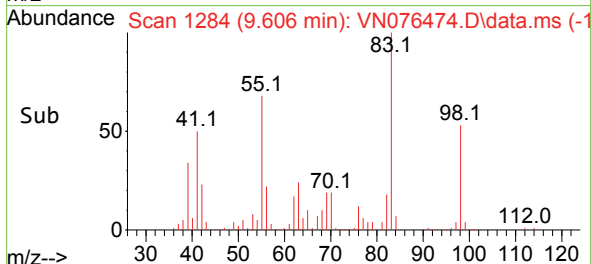
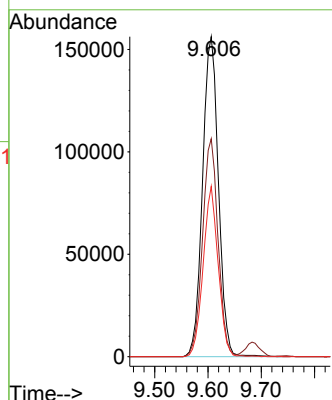
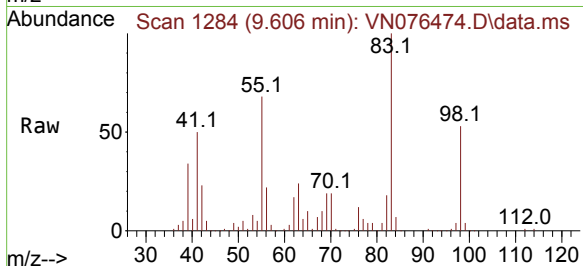
Tgt Ion: 83 Resp: 323644

Ion Ratio Lower Upper

83 100

55 68.1 51.7 77.5

98 53.2 40.0 60.0



#40

Benzene

Concen: 52.421 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076474.D

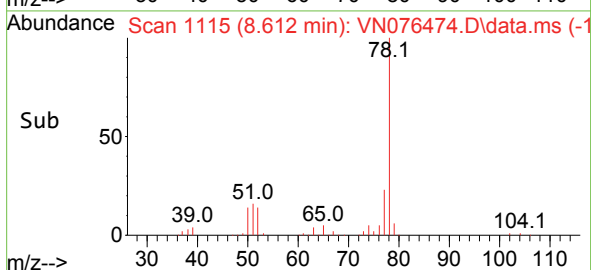
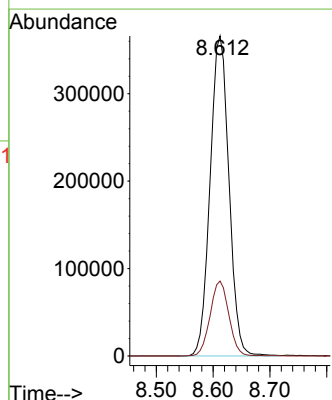
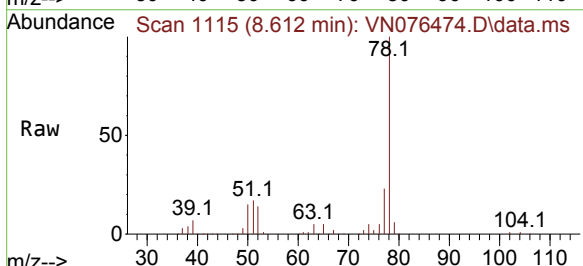
Acq: 31 Jan 2023 09:14

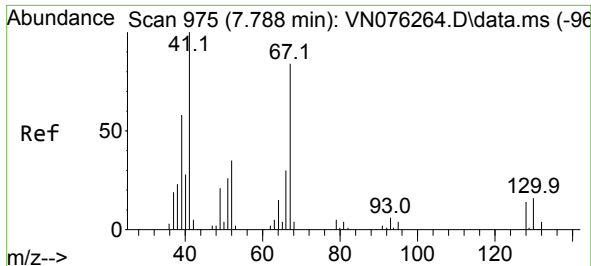
Tgt Ion: 78 Resp: 841344

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0

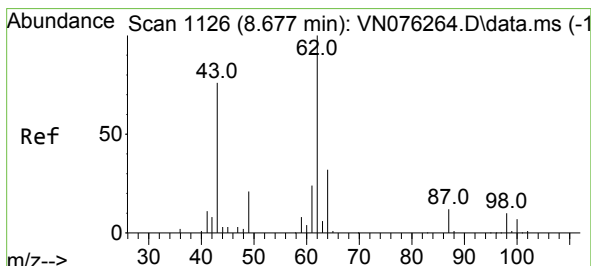
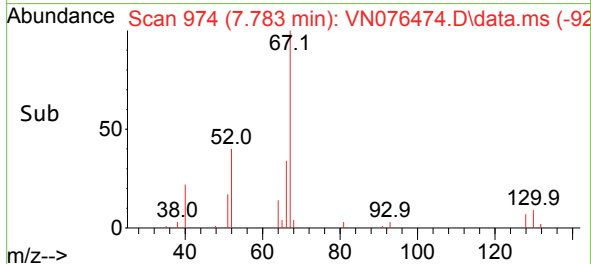
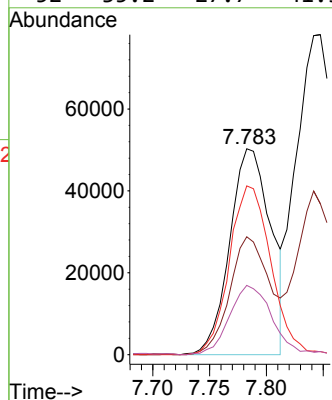
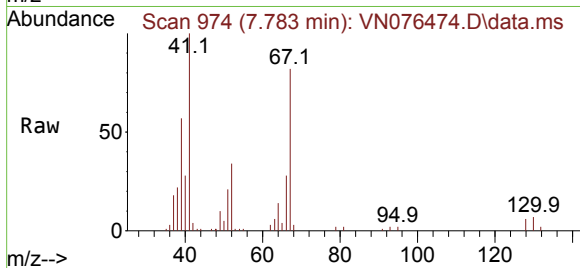




#41
Methacrylonitrile
Concen: 56.174 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

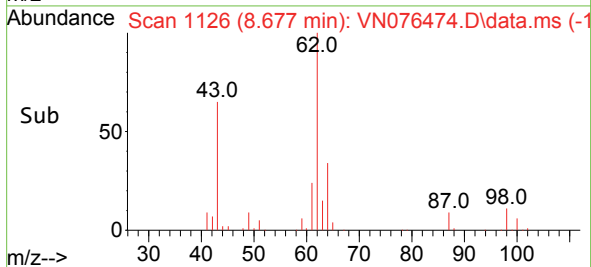
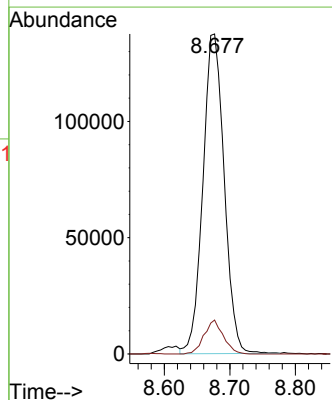
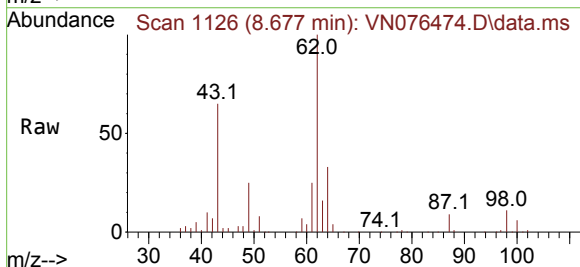
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

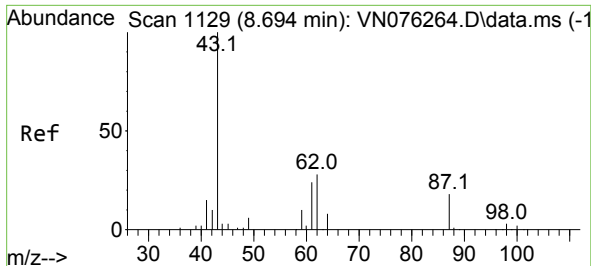
Tgt Ion: 41 Resp: 126628
Ion Ratio Lower Upper
41 100
39 55.7 42.4 63.6
67 83.0 68.8 103.2
52 35.2 27.7 41.5



#42
1,2-Dichloroethane
Concen: 56.569 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 62 Resp: 310644
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.4

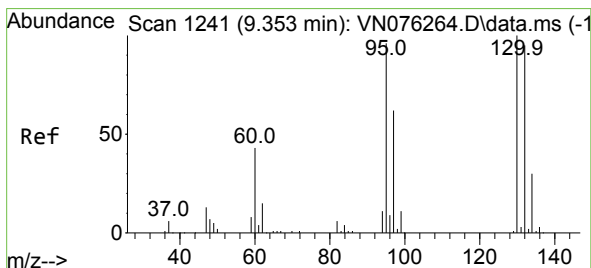
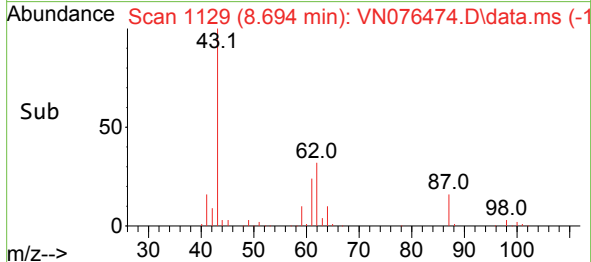
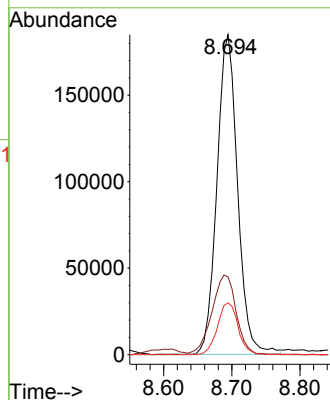
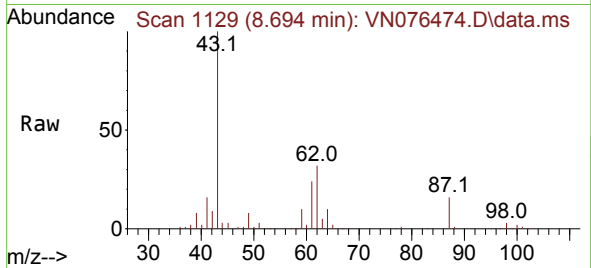




#43
Isopropyl Acetate
Concen: 55.744 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

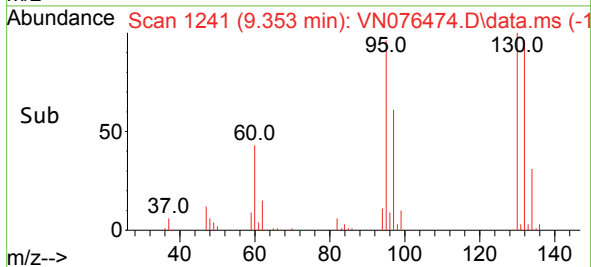
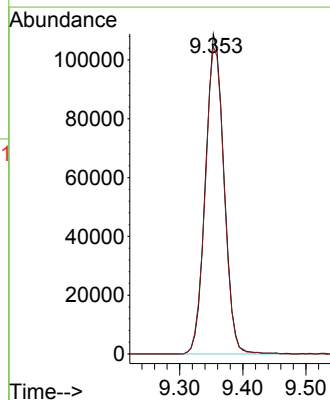
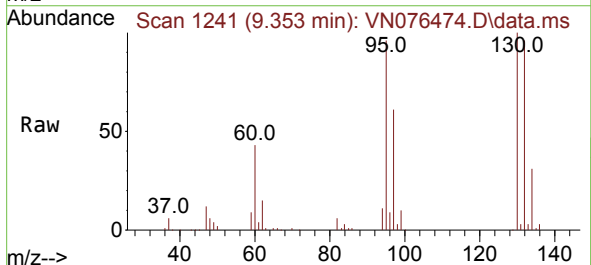
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

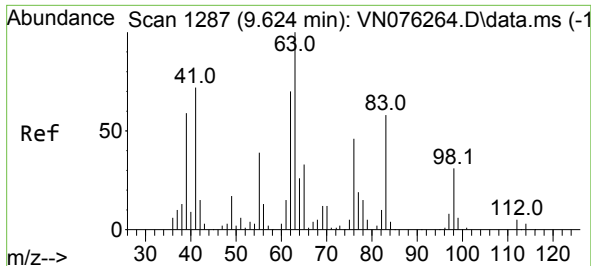
Tgt Ion: 43 Resp: 390418
Ion Ratio Lower Upper
43 100
61 29.1 23.5 35.3
87 16.2 13.8 20.6



#44
Trichloroethene
Concen: 48.794 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion:130 Resp: 221497
Ion Ratio Lower Upper
130 100
95 96.1 0.0 192.0

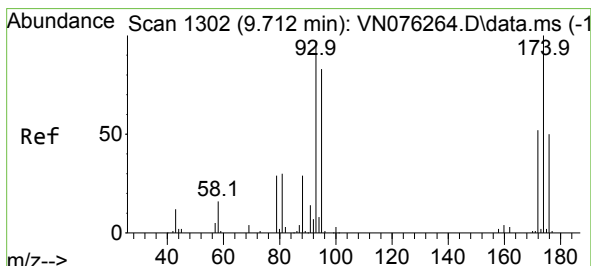
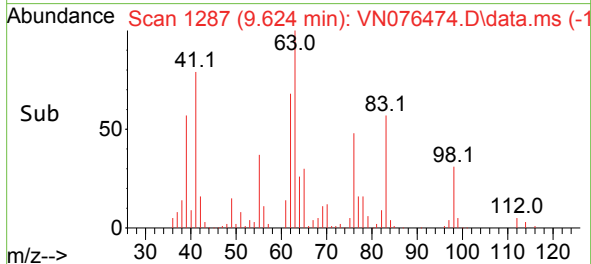
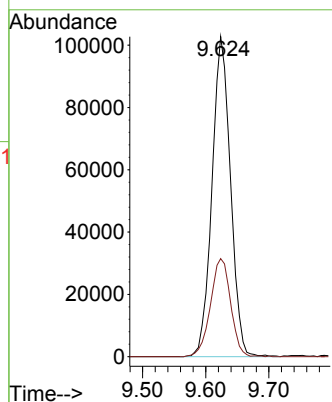
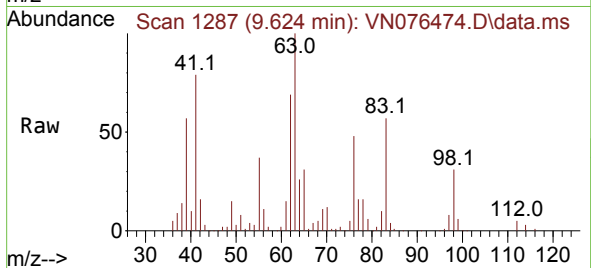




#45
1,2-Dichloropropane
Concen: 54.371 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

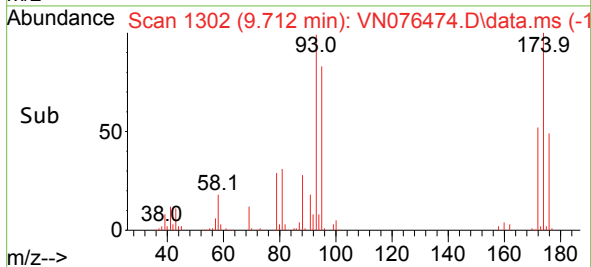
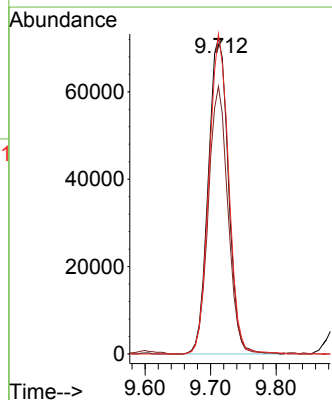
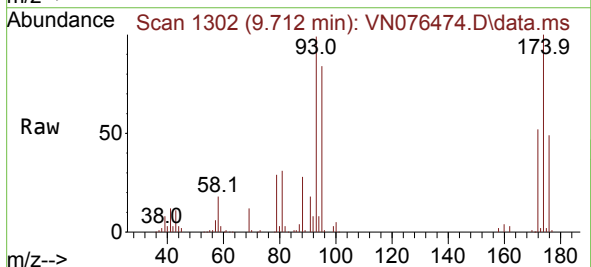
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

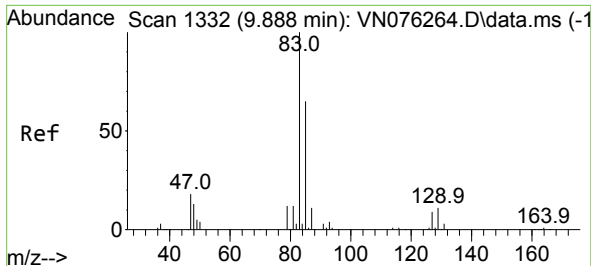
Tgt Ion: 63 Resp: 208932
Ion Ratio Lower Upper
63 100
65 30.6 26.4 39.6



#46
Dibromomethane
Concen: 53.051 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 93 Resp: 153915
Ion Ratio Lower Upper
93 100
95 82.8 66.0 99.0
174 99.1 81.3 121.9

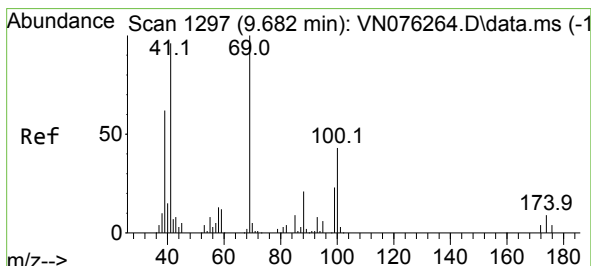
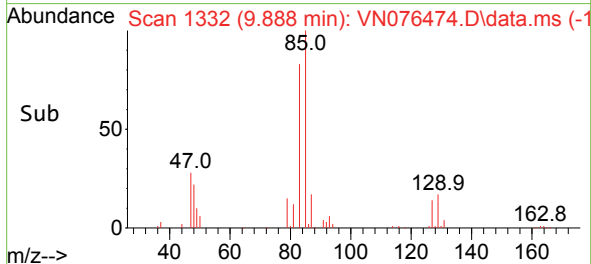
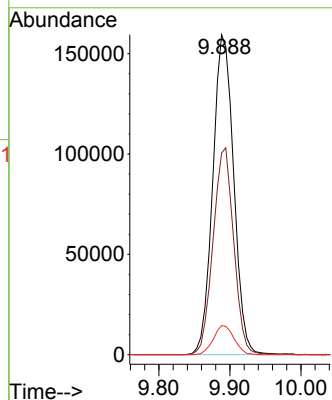
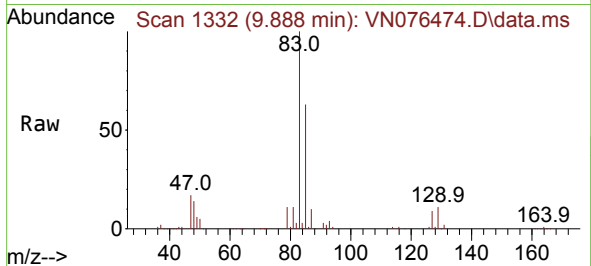




#47
Bromodichloromethane
Concen: 57.925 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

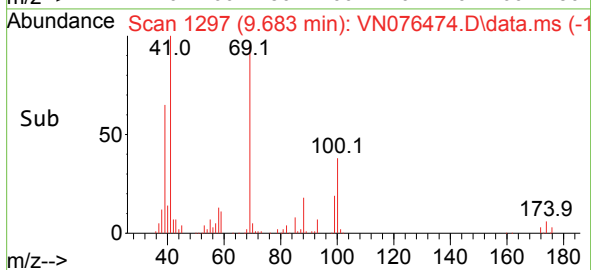
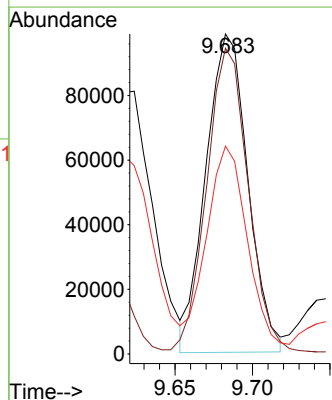
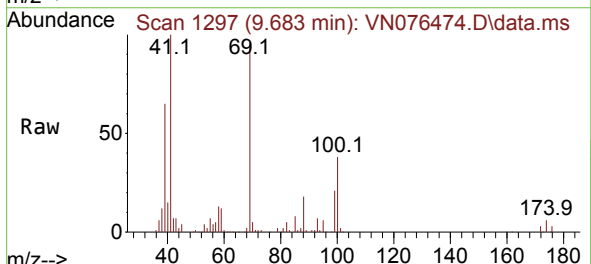
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

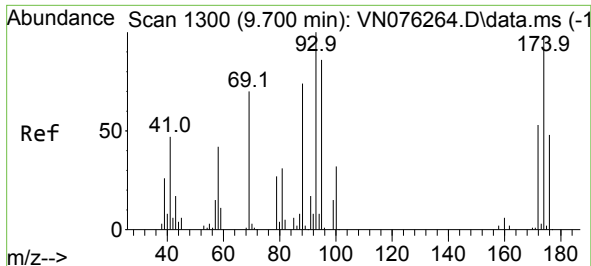
Tgt Ion: 83 Resp: 325950
Ion Ratio Lower Upper
83 100
85 63.0 52.1 78.1
127 9.1 7.4 11.0



#48
Methyl methacrylate
Concen: 55.946 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 41 Resp: 185502
Ion Ratio Lower Upper
41 100
69 96.1 80.8 121.2
39 65.2 54.4 81.6





#49

1,4-Dioxane

Concen: 1076.301 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

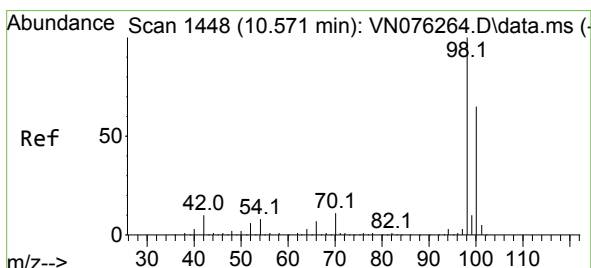
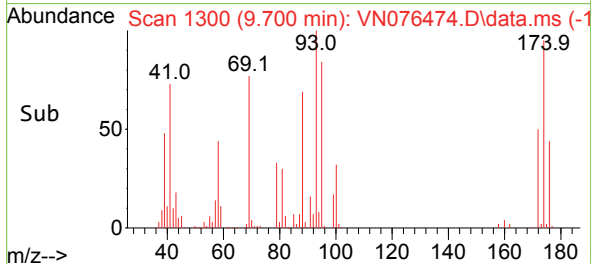
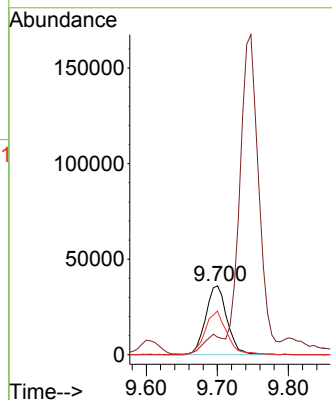
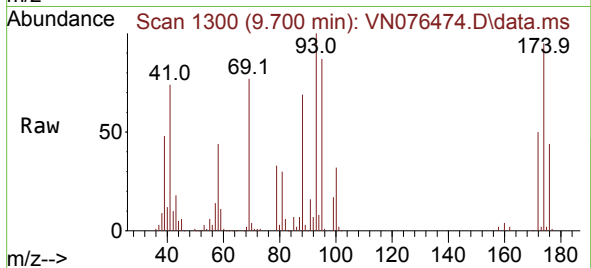
Tgt Ion: 88 Resp: 75302

Ion Ratio Lower Upper

88 100

43 24.5 18.1 27.1

58 64.5 46.5 69.7



#50

Toluene-d8

Concen: 51.015 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076474.D

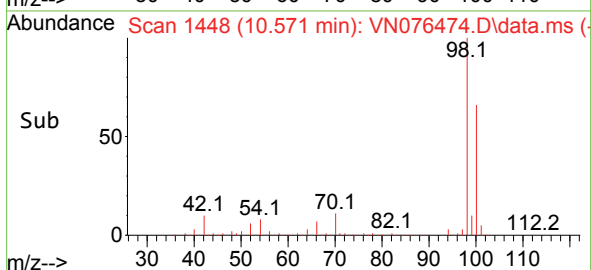
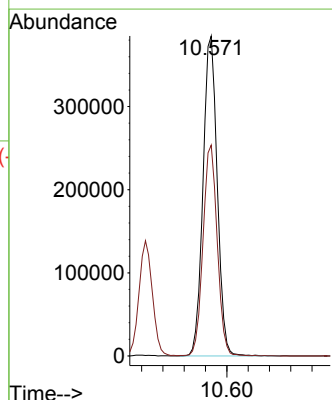
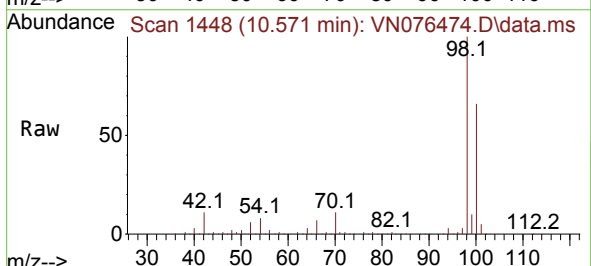
Acq: 31 Jan 2023 09:14

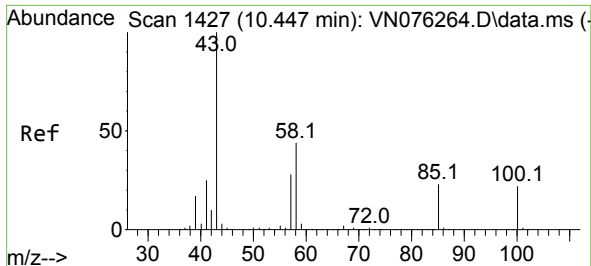
Tgt Ion: 98 Resp: 711672

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 286.502 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

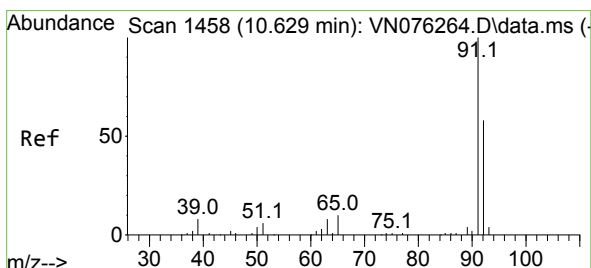
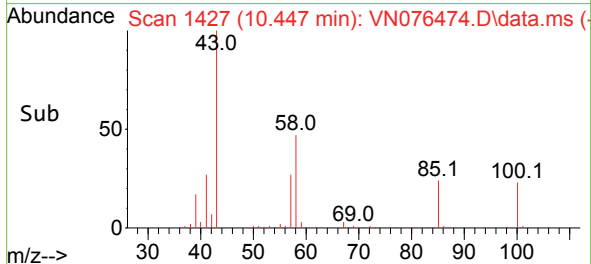
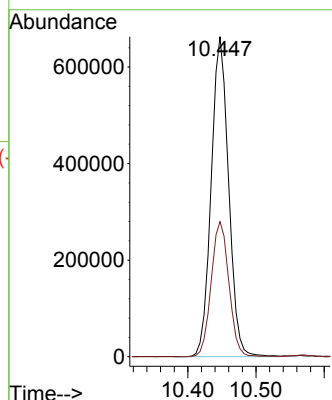
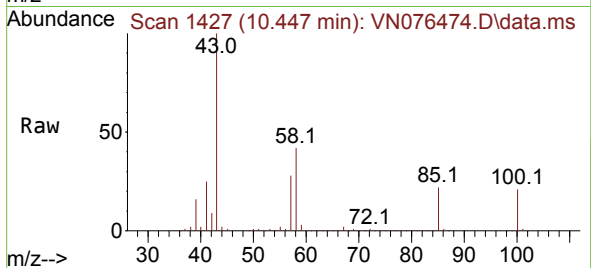
VSTDCCC050

Tgt Ion: 43 Resp: 1177955

Ion Ratio Lower Upper

43 100

58 43.0 35.1 52.7



#52

Toluene

Concen: 52.284 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VN076474.D

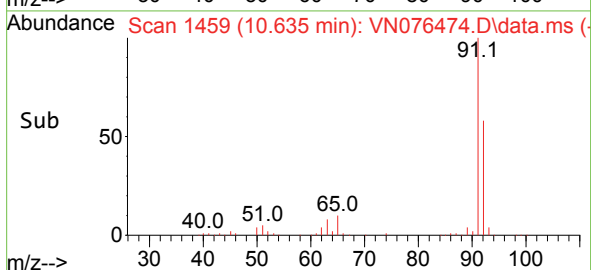
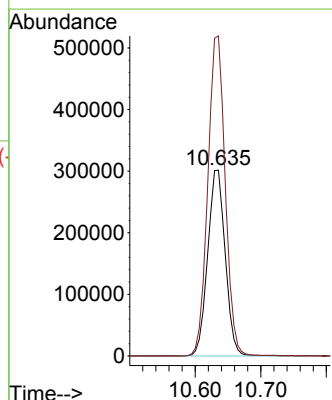
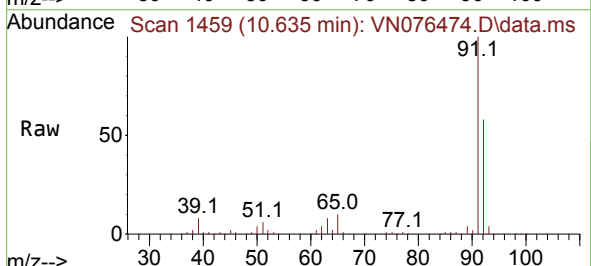
Acq: 31 Jan 2023 09:14

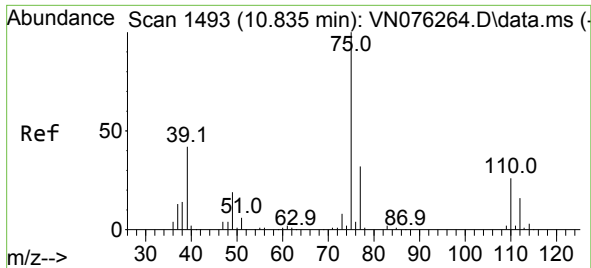
Tgt Ion: 92 Resp: 561172

Ion Ratio Lower Upper

92 100

91 171.0 136.6 205.0

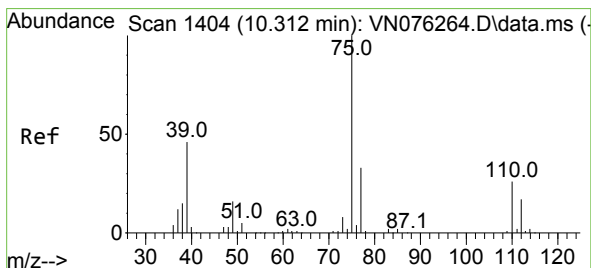
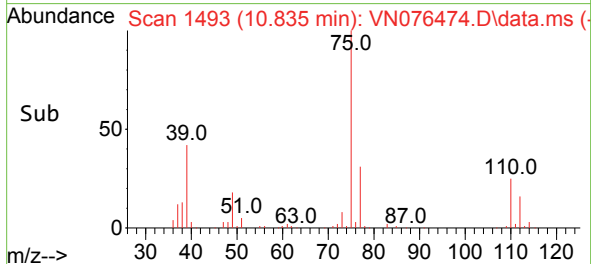
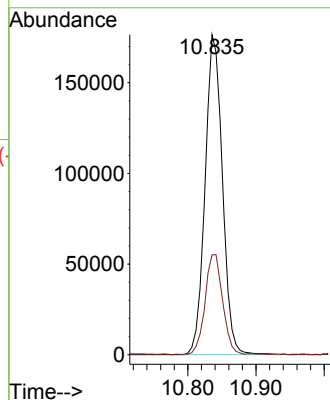
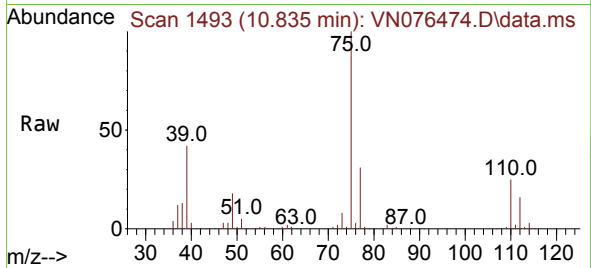




#53
t-1,3-Dichloropropene
Concen: 58.182 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

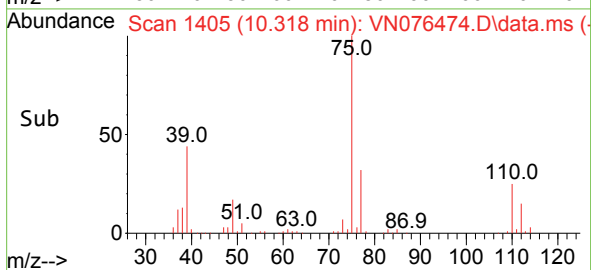
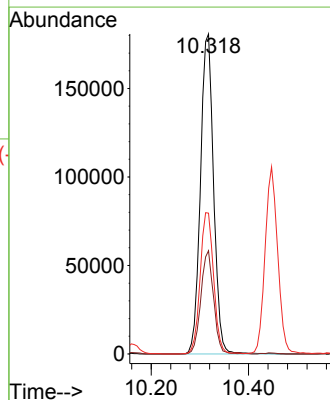
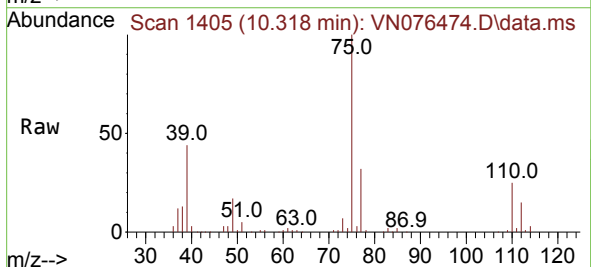
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

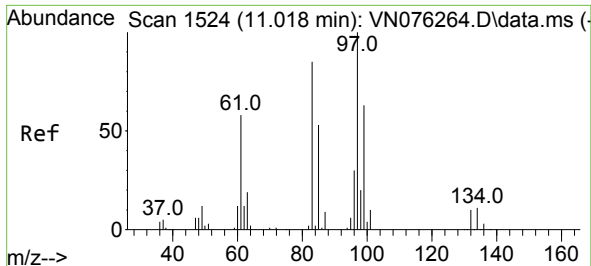
Tgt Ion: 75 Resp: 312098
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 54.918 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 75 Resp: 338917
Ion Ratio Lower Upper
75 100
77 32.2 26.5 39.7
39 44.0 37.1 55.7



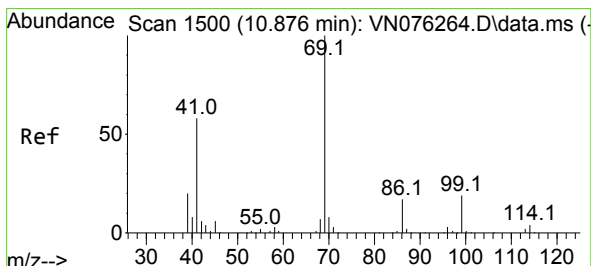
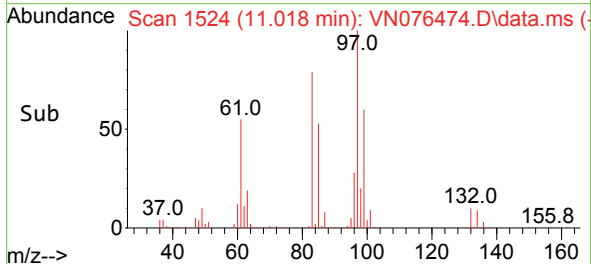
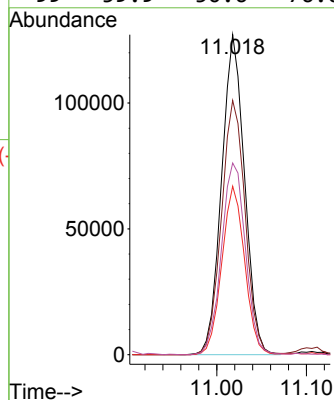
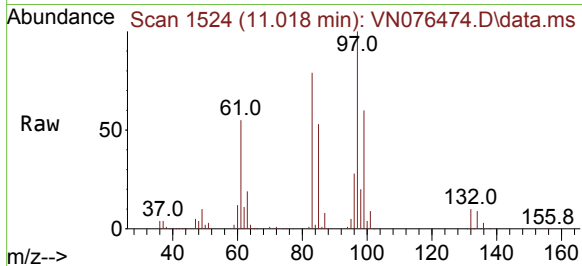


#55
1,1,2-Trichloroethane
Concen: 55.034 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 225781

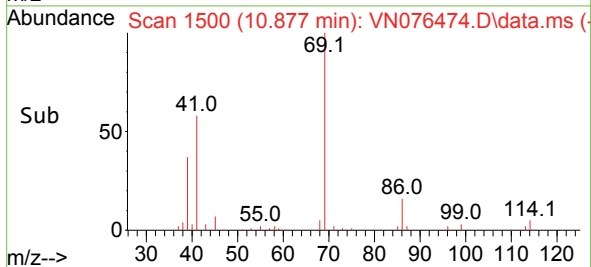
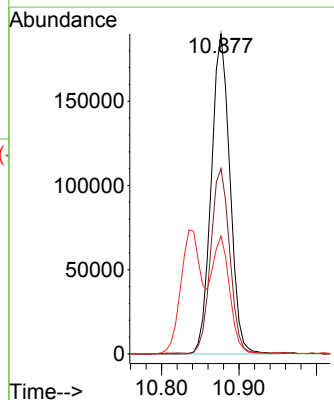
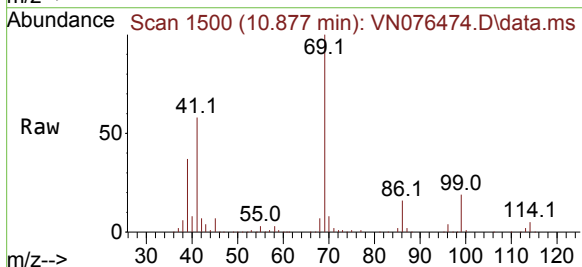
Ion	Ratio	Lower	Upper
97	100		
83	79.4	67.8	101.6
85	52.6	42.3	63.5
99	59.9	50.6	76.0

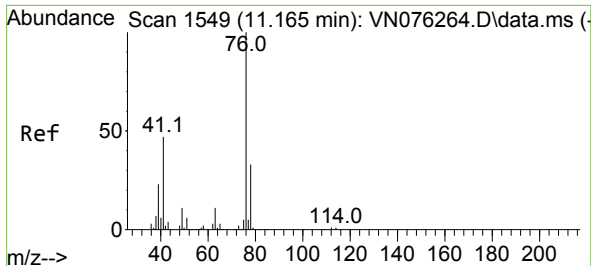


#56
Ethyl methacrylate
Concen: 60.127 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 69 Resp: 318466

Ion	Ratio	Lower	Upper
69	100		
41	58.3	45.3	67.9
39	33.7	29.3	43.9





#57

1,3-Dichloropropane

Concen: 55.077 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

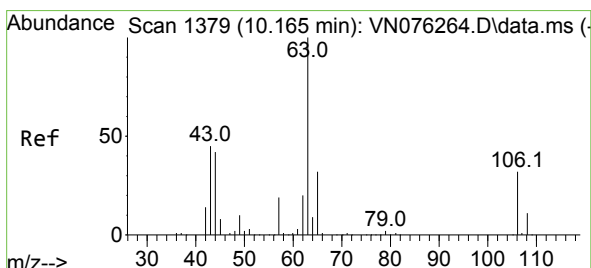
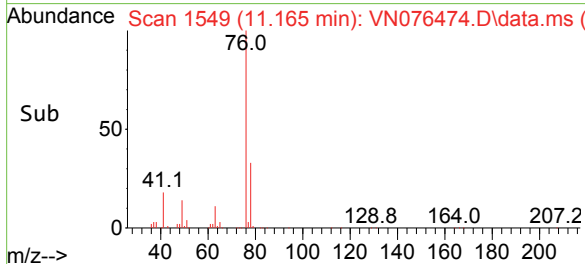
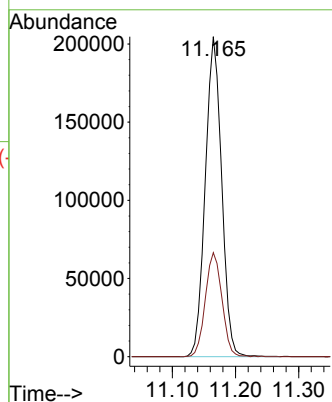
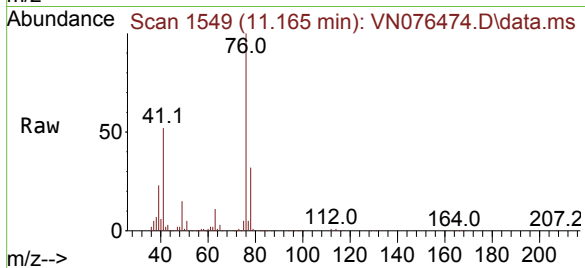
VSTDCCC050

Tgt Ion: 76 Resp: 367196

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.751 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076474.D

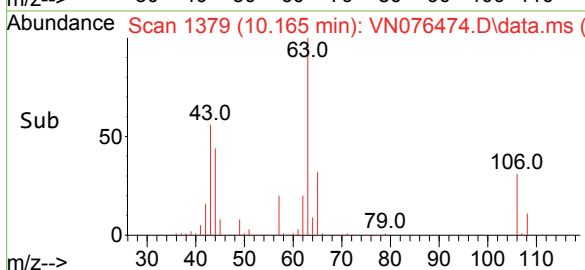
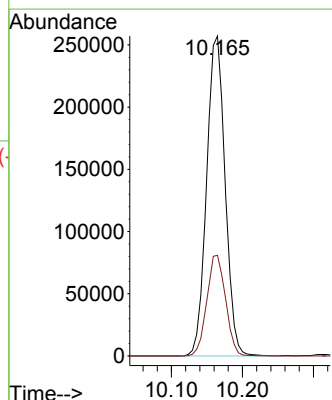
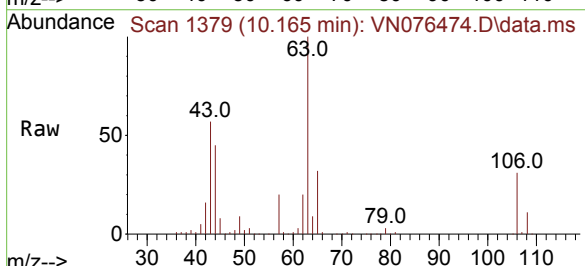
Acq: 31 Jan 2023 09:14

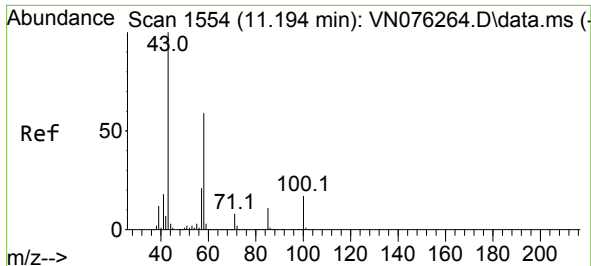
Tgt Ion: 63 Resp: 466239

Ion Ratio Lower Upper

63 100

106 31.9 26.2 39.2

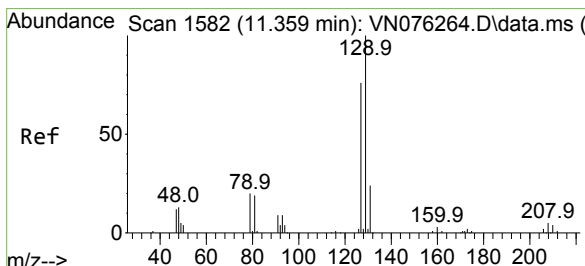
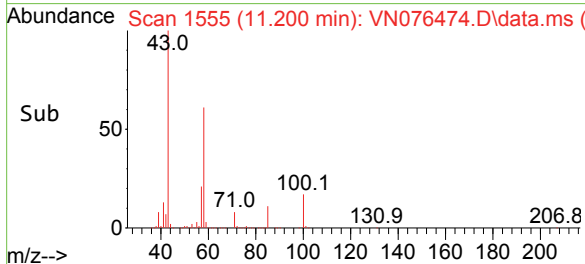
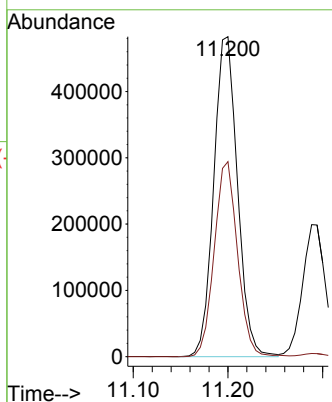
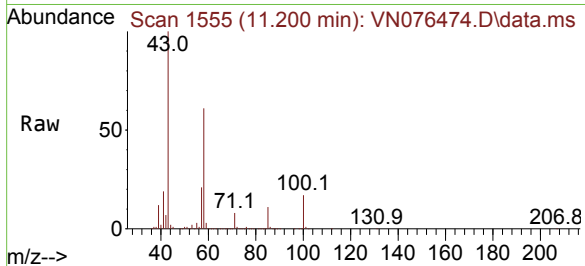




#59
2-Hexanone
Concen: 282.411 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

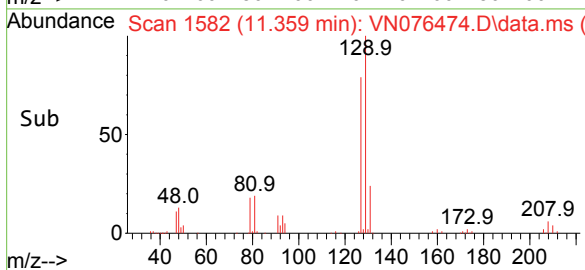
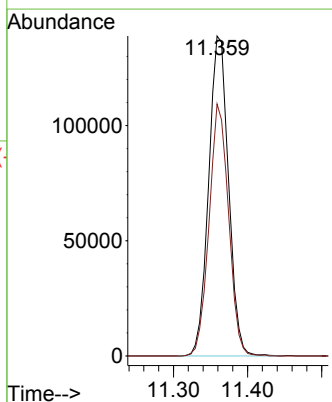
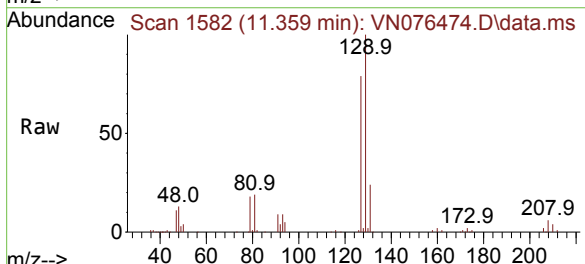
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

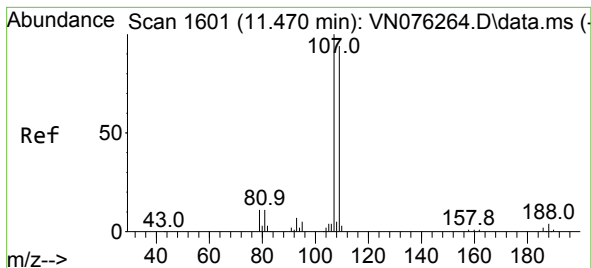
Tgt Ion: 43 Resp: 841424
Ion Ratio Lower Upper
43 100
58 59.7 30.1 90.3



#60
Dibromochloromethane
Concen: 59.792 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 129 Resp: 258222
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

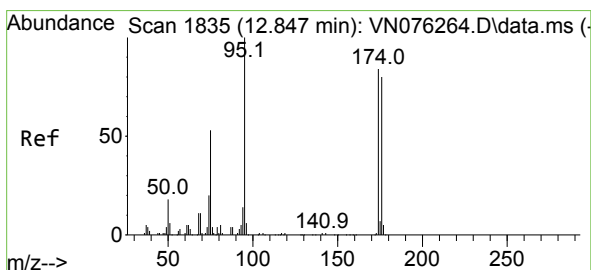
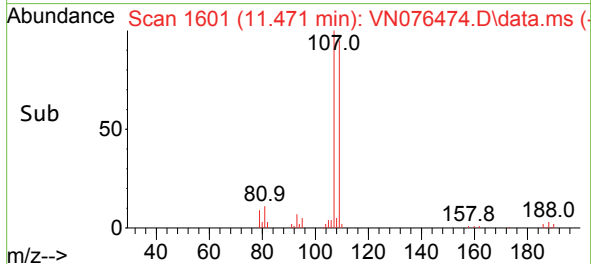
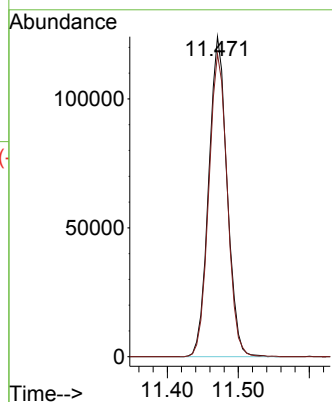
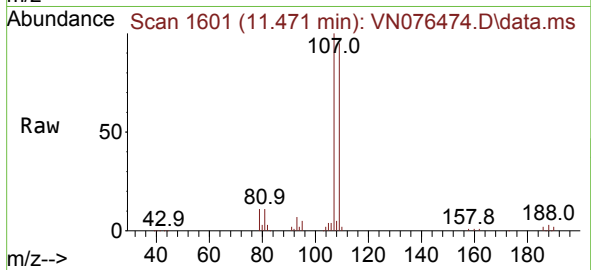




#61
1,2-Dibromoethane
Concen: 54.559 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

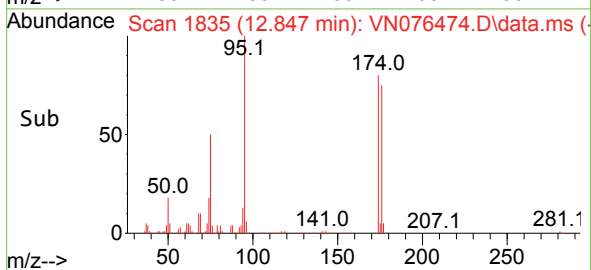
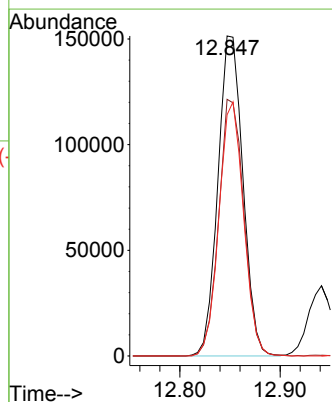
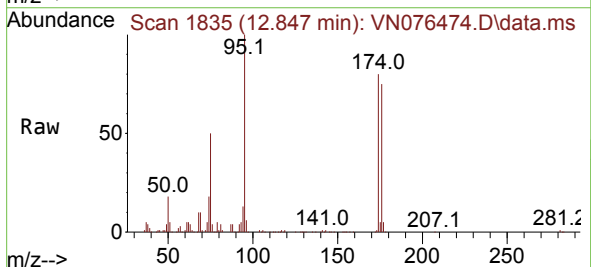
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

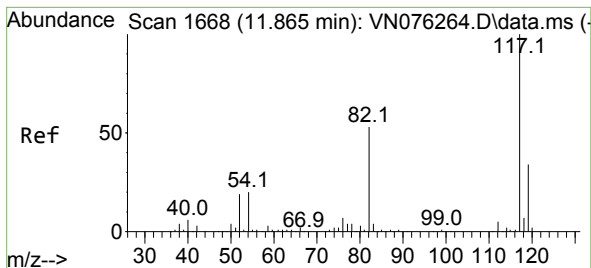
Tgt Ion:107 Resp: 223422
Ion Ratio Lower Upper
107 100
109 95.1 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 57.656 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 95 Resp: 262571
Ion Ratio Lower Upper
95 100
174 80.6 0.0 174.6
176 77.9 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

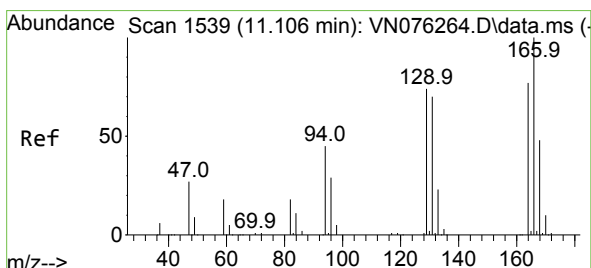
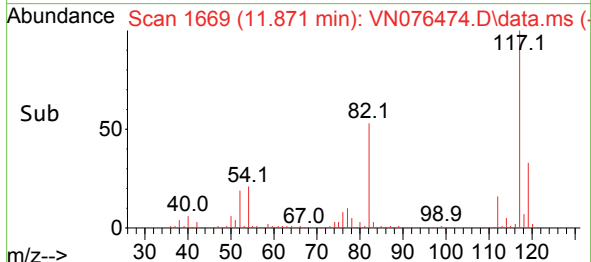
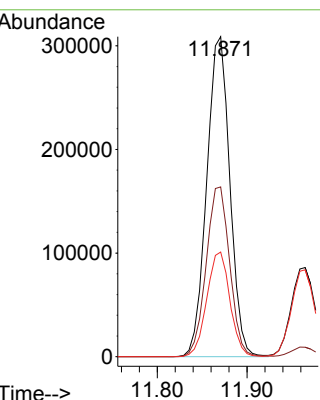
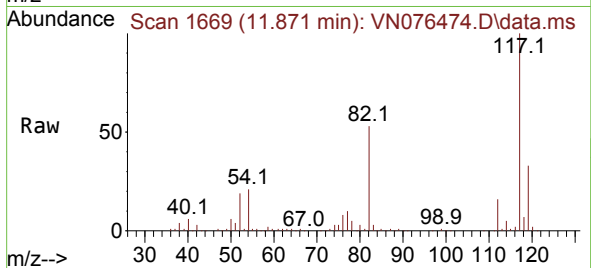
Tgt Ion:117 Resp: 552875

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.2

119 32.7 26.9 40.3



#64

Tetrachloroethene

Concen: 43.981 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Tgt Ion:164 Resp: 219284

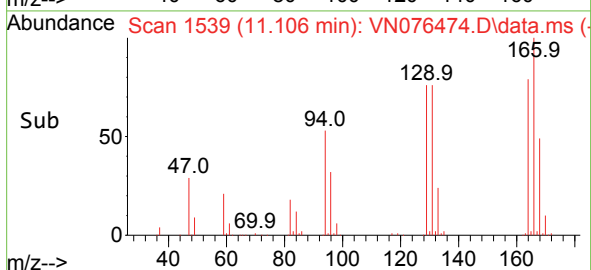
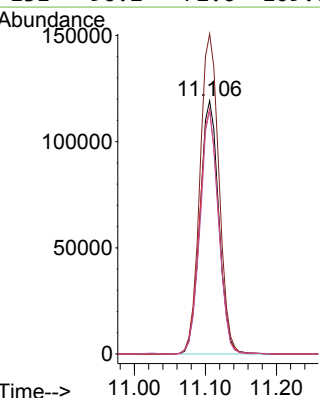
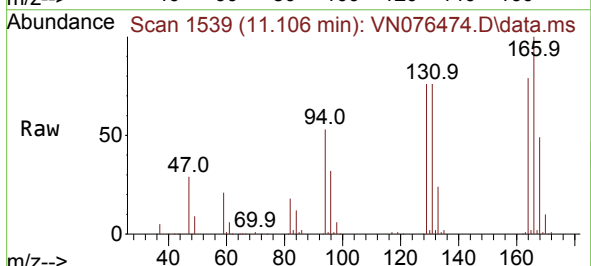
Ion Ratio Lower Upper

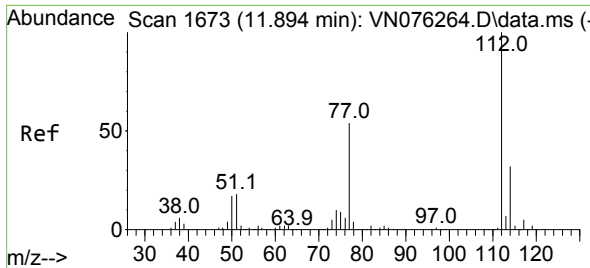
164 100

166 126.4 104.0 156.0

129 96.7 76.6 114.8

131 96.2 72.6 109.0

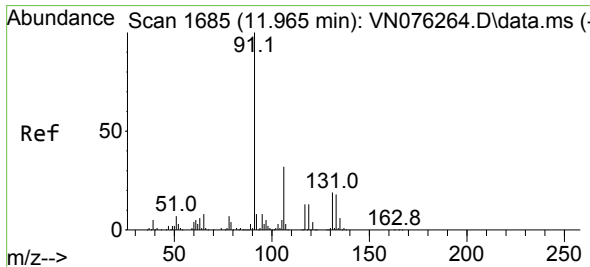
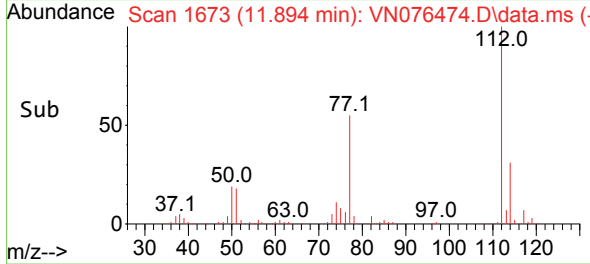
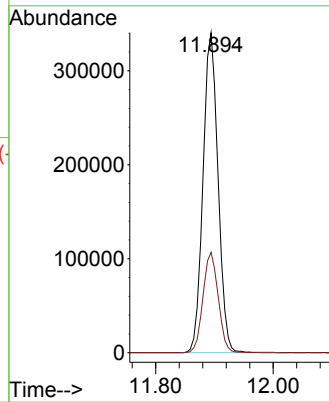
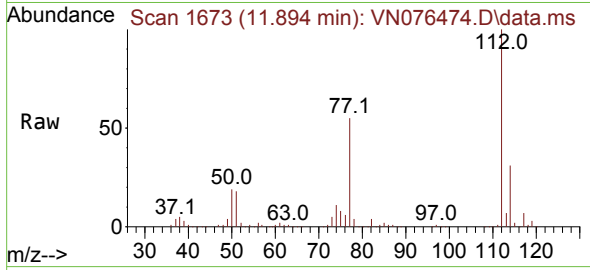




#65
Chlorobenzene
Concen: 51.748 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

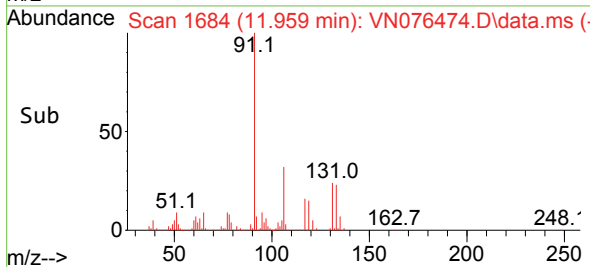
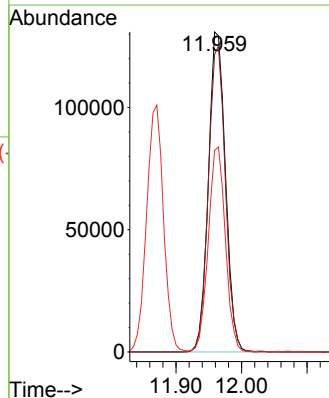
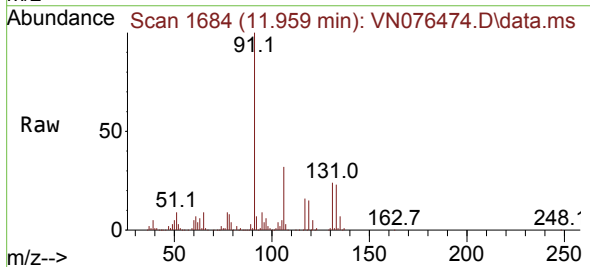
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

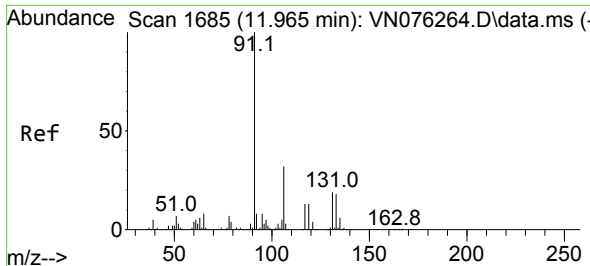
Tgt Ion:112 Resp: 604777
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.714 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion:131 Resp: 237916
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 64.2 32.3 96.8

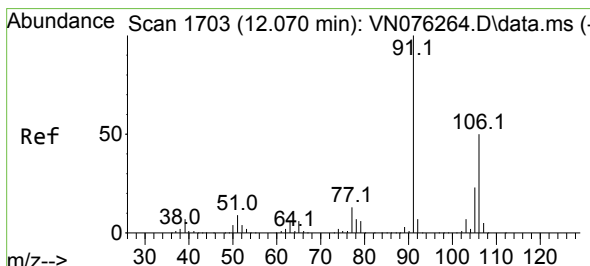
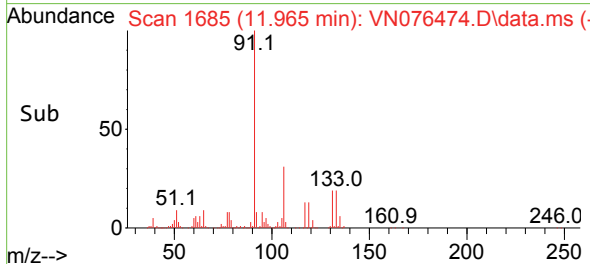
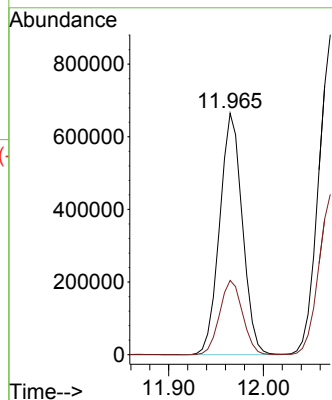
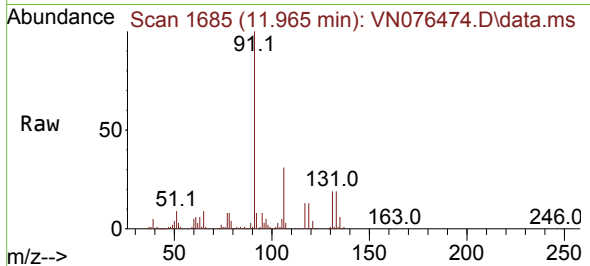




#67
Ethyl Benzene
Concen: 55.457 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

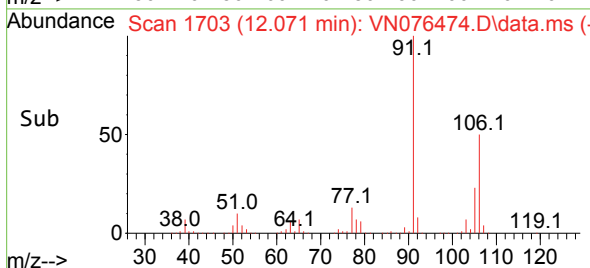
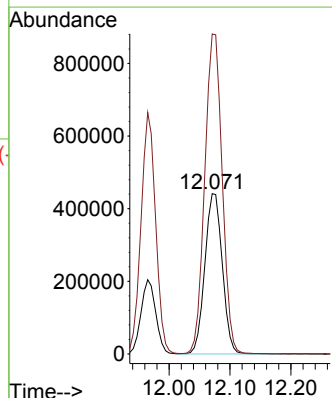
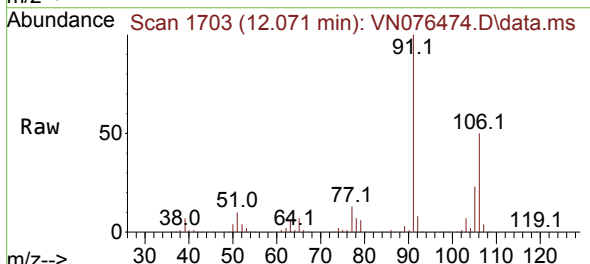
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

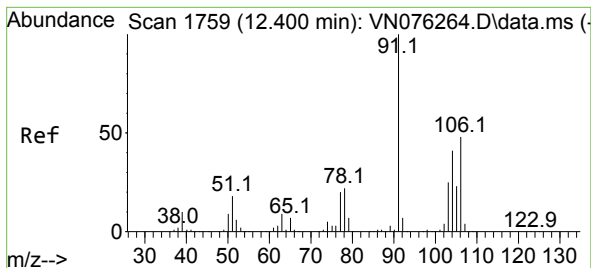
Tgt Ion: 91 Resp: 1109265
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3



#68
m/p-Xylenes
Concen: 109.260 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 106 Resp: 876333
Ion Ratio Lower Upper
106 100
91 200.0 157.5 236.3





#69

o-Xylene

Concen: 54.436 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

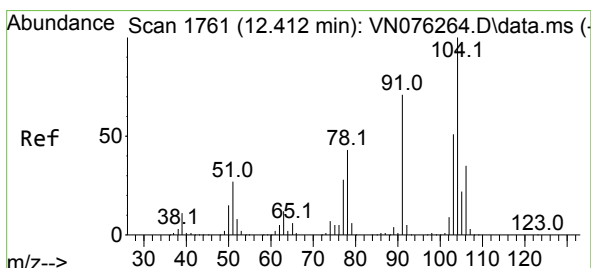
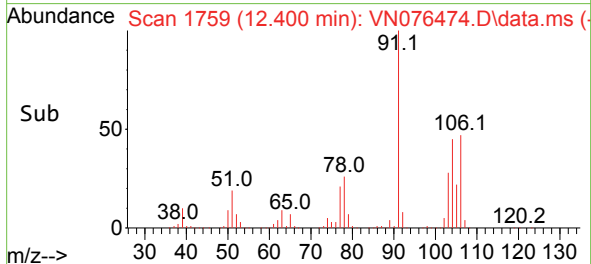
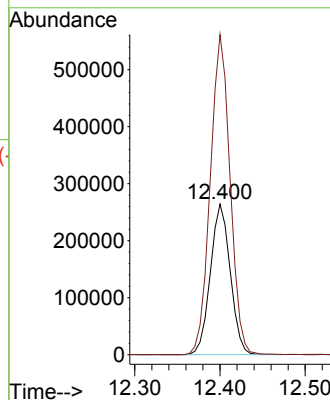
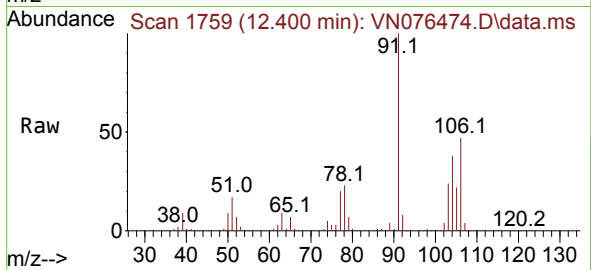
VSTDCCC050

Tgt Ion:106 Resp: 428765

Ion Ratio Lower Upper

106 100

91 212.4 103.2 309.4



#70

Styrene

Concen: 57.101 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

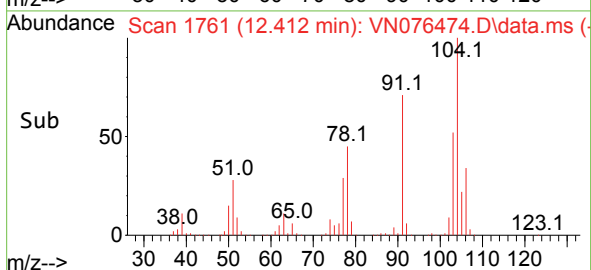
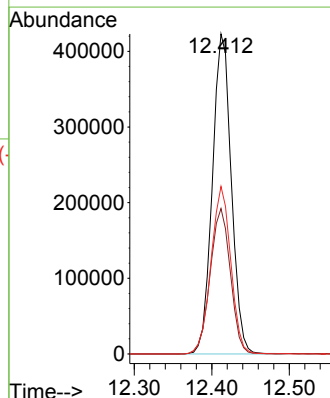
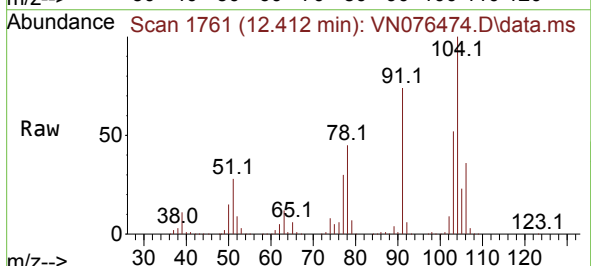
Tgt Ion:104 Resp: 718133

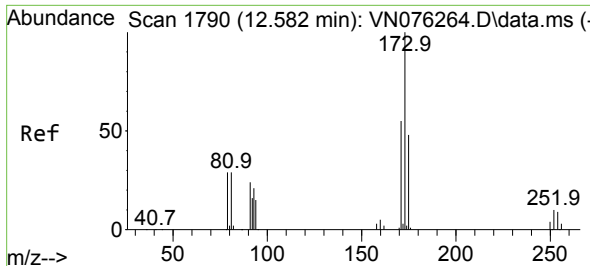
Ion Ratio Lower Upper

104 100

78 48.6 37.4 56.0

103 54.5 44.2 66.2

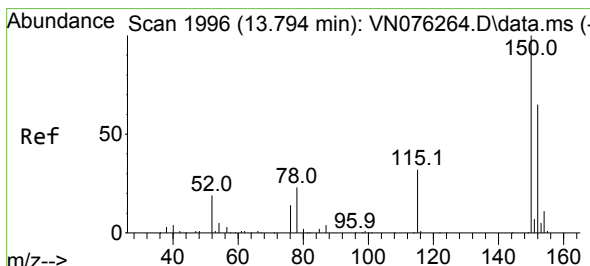
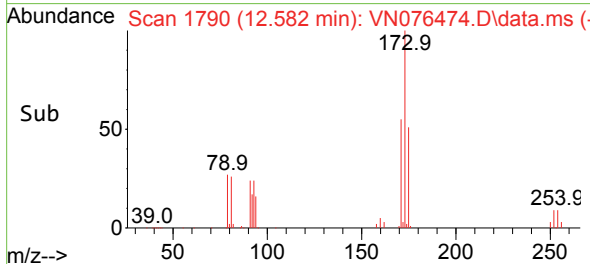
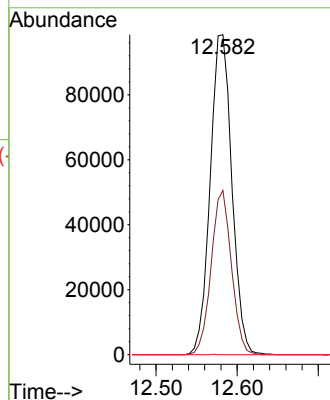
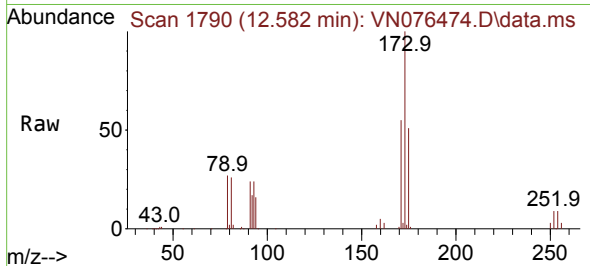




#71
Bromoform
Concen: 58.159 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

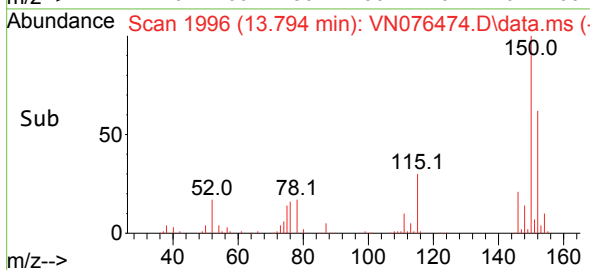
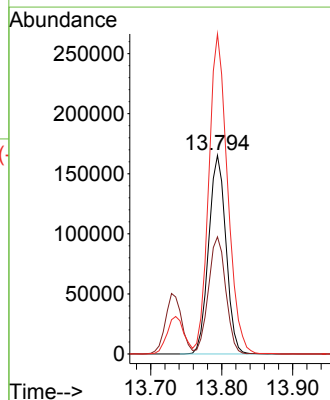
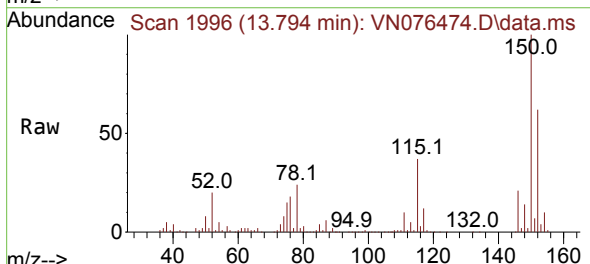
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

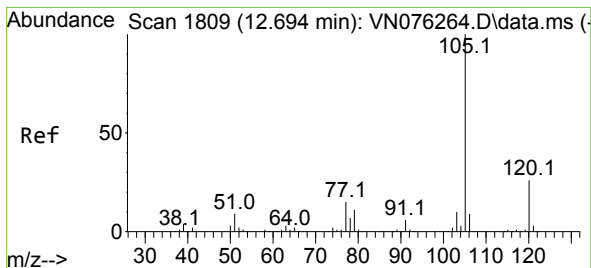
Tgt Ion:173 Resp: 182633
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion:152 Resp: 279674
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.9
150 174.8 0.0 351.4





#73

Isopropylbenzene

Concen: 52.960 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

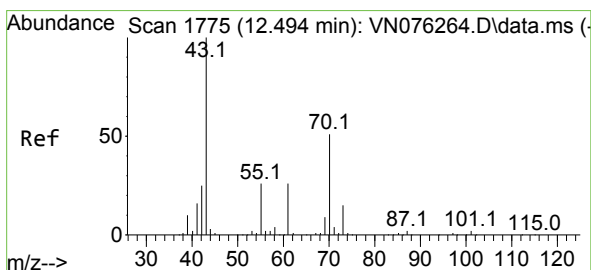
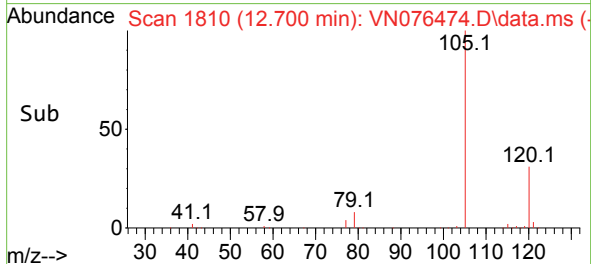
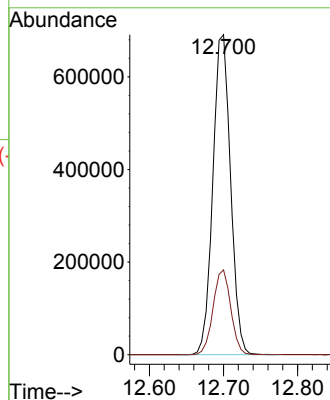
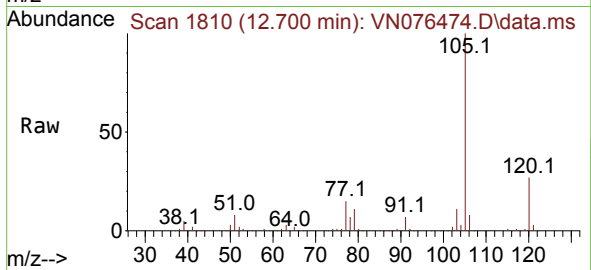
VSTDCCC050

Tgt Ion:105 Resp: 1145819

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 54.846 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Tgt Ion: 43 Resp: 341331

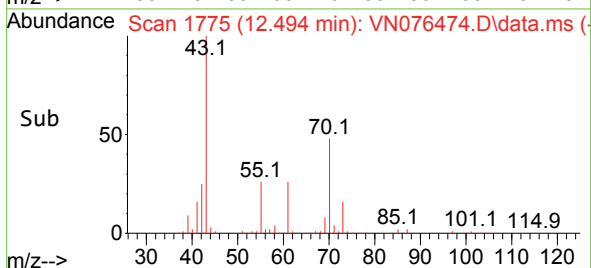
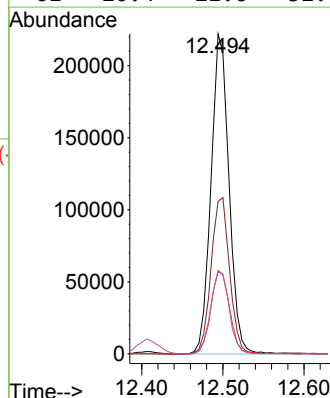
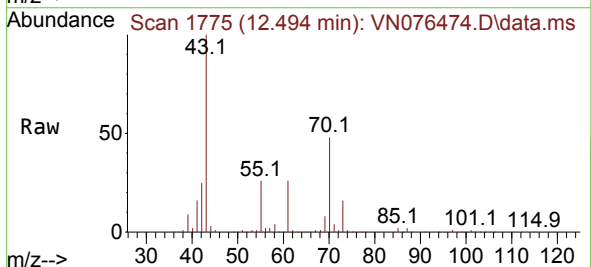
Ion Ratio Lower Upper

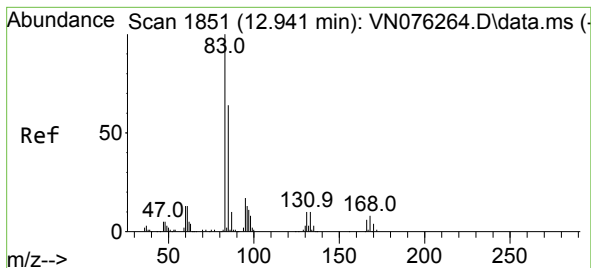
43 100

70 50.3 41.2 61.8

55 27.4 21.0 31.6

61 26.4 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.285 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

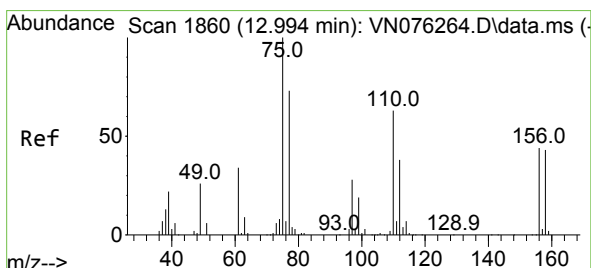
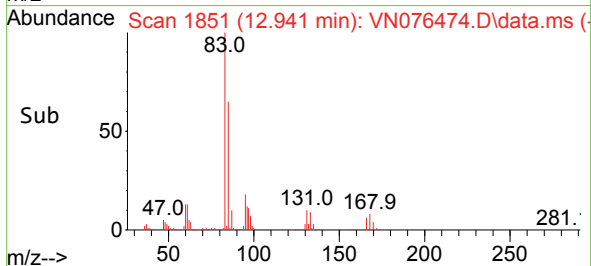
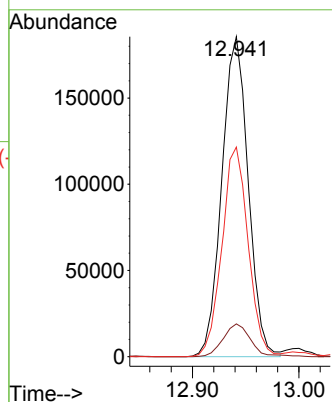
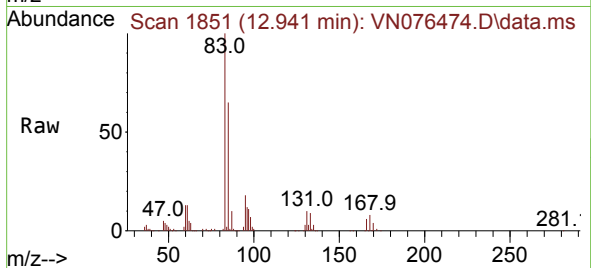
Tgt Ion: 83 Resp: 318972

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

85 65.0 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 76.563 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076474.D

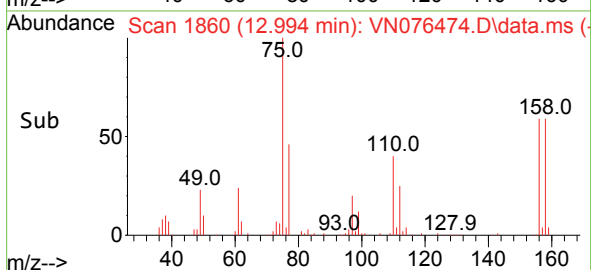
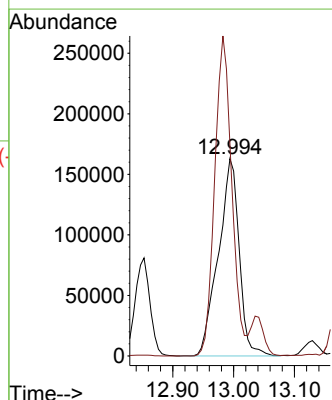
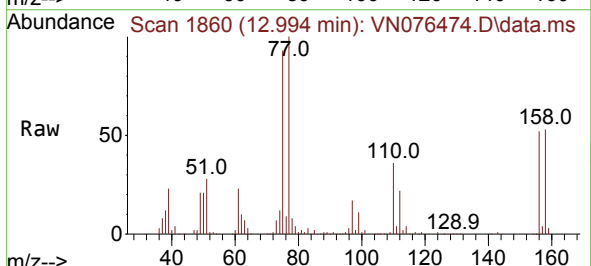
Acq: 31 Jan 2023 09:14

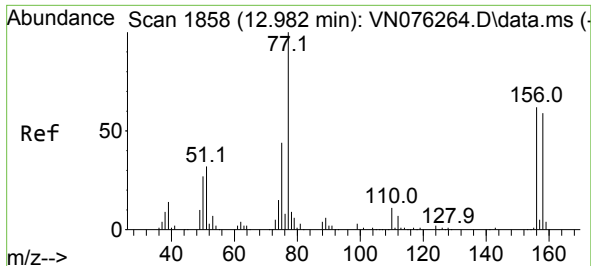
Tgt Ion: 75 Resp: 387517

Ion Ratio Lower Upper

75 100

77 132.4 75.2 225.6

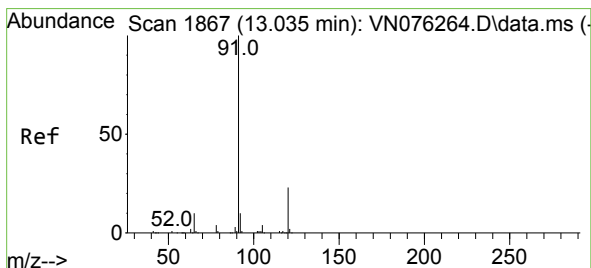
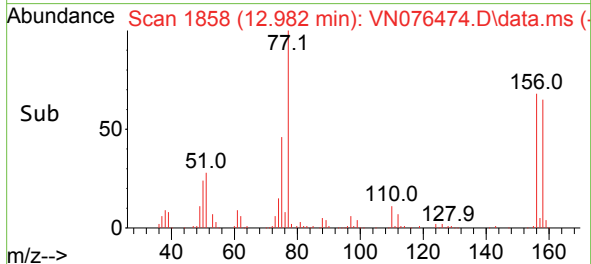
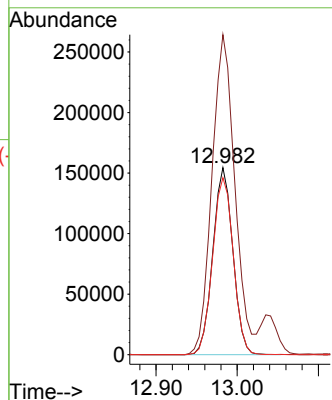
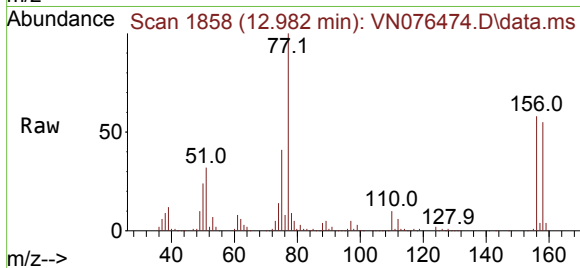




#77
Bromobenzene
Concen: 52.347 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

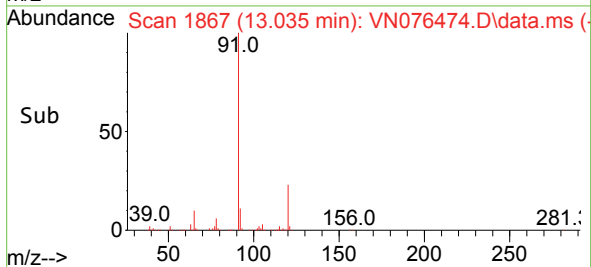
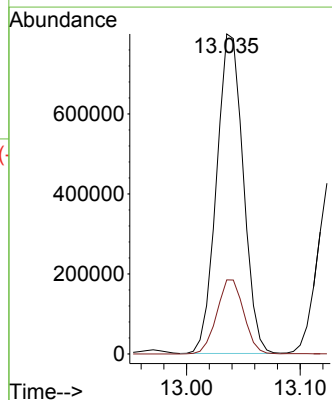
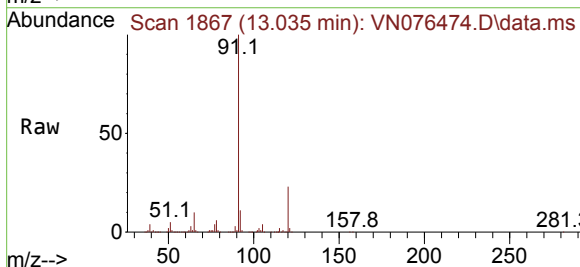
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

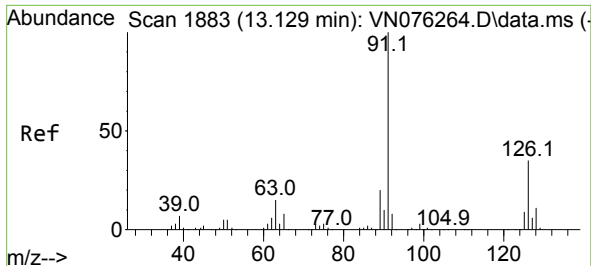
Tgt Ion:156 Resp: 264654
Ion Ratio Lower Upper
156 100
77 193.8 93.4 280.2
158 97.8 48.4 145.2



#78
n-propylbenzene
Concen: 53.443 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 91 Resp: 1304665
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5

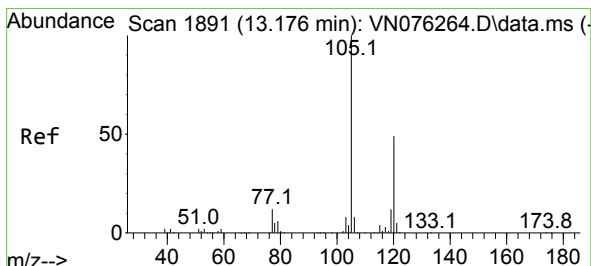
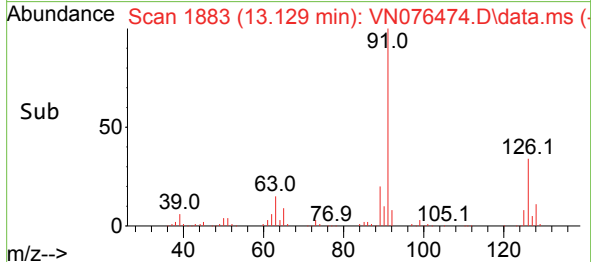
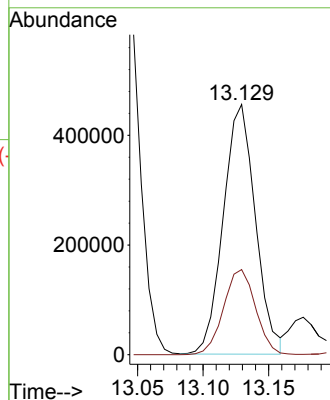
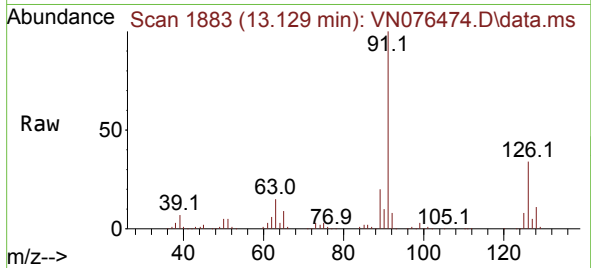




#79
2-Chlorotoluene
Concen: 51.864 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

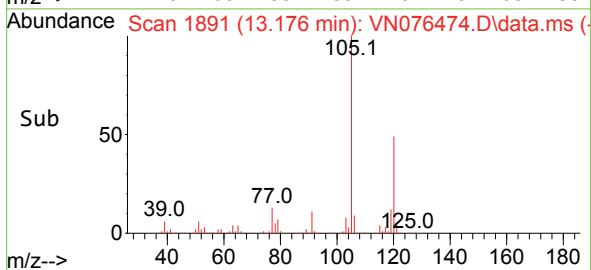
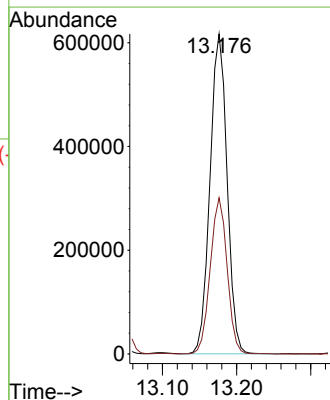
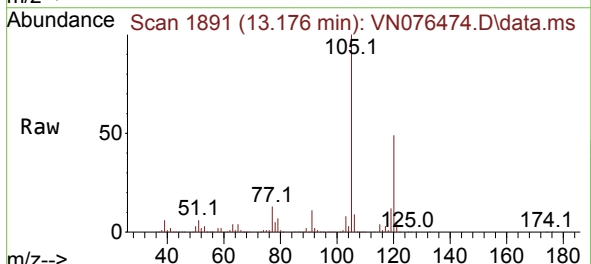
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

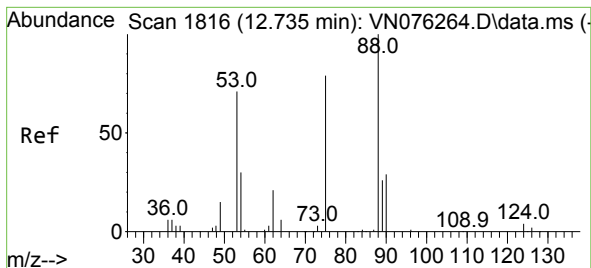
Tgt Ion: 91 Resp: 776939
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 54.346 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 105 Resp: 985049
Ion Ratio Lower Upper
105 100
120 48.4 25.0 75.0

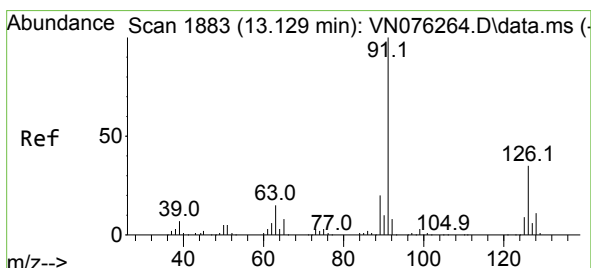
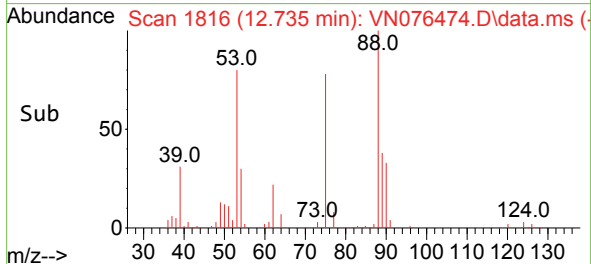
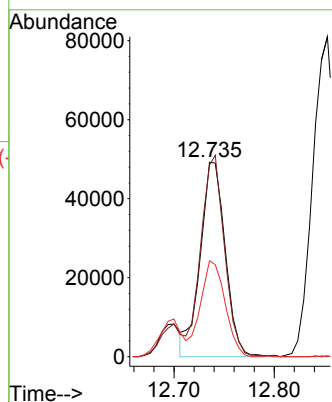
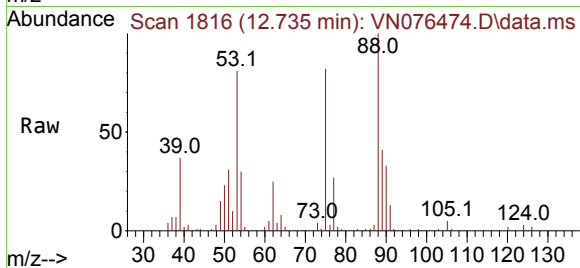




#81
trans-1,4-Dichloro-2-butene
Concen: 51.012 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

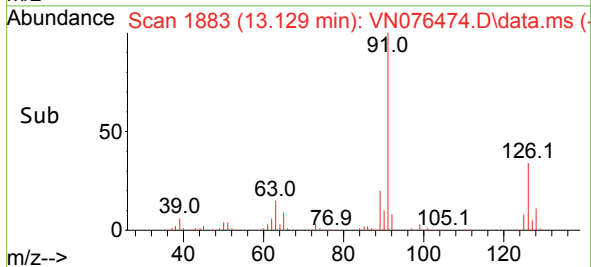
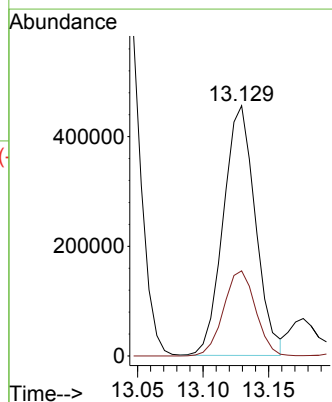
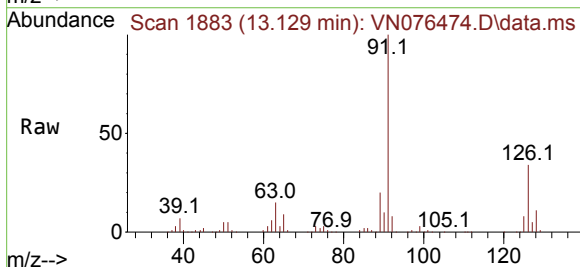
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

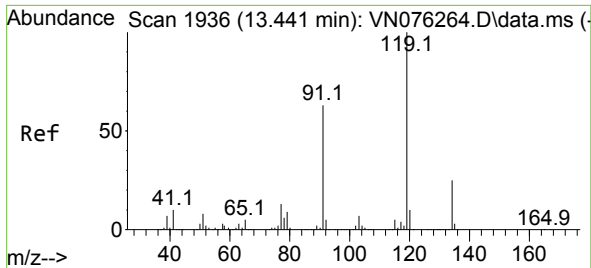
Tgt Ion: 75 Resp: 85746
Ion Ratio Lower Upper
75 100
53 97.3 75.8 113.8
89 48.5 37.0 55.6



#82
4-Chlorotoluene
Concen: 51.864 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 91 Resp: 776939
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2

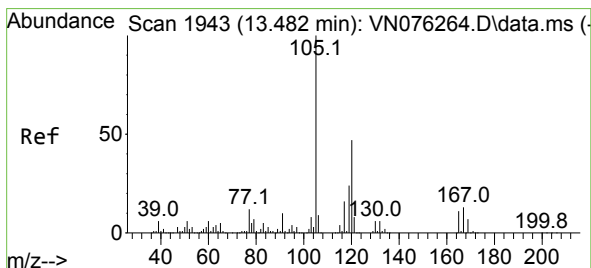
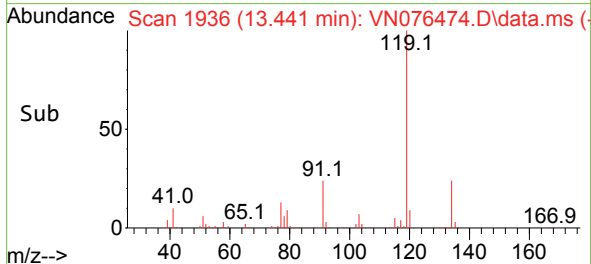
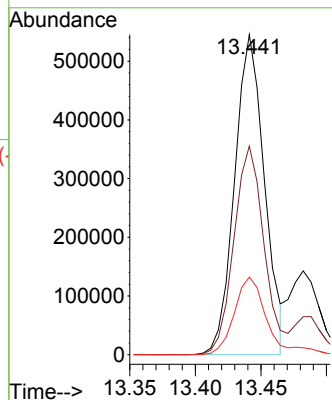
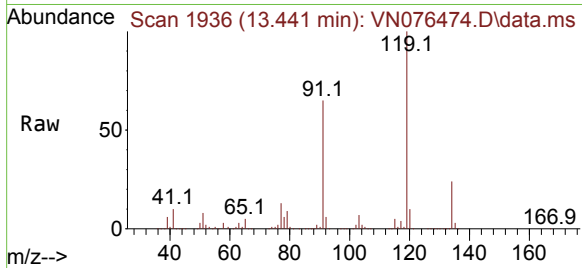




#83
 tert-Butylbenzene
 Concen: 53.608 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

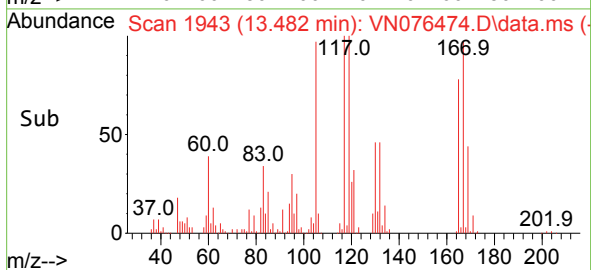
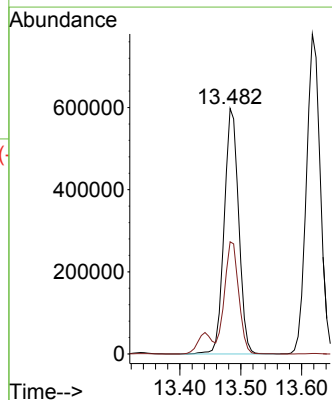
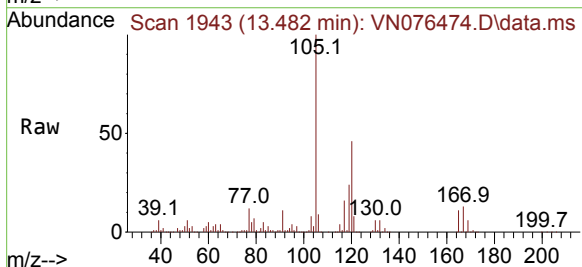
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

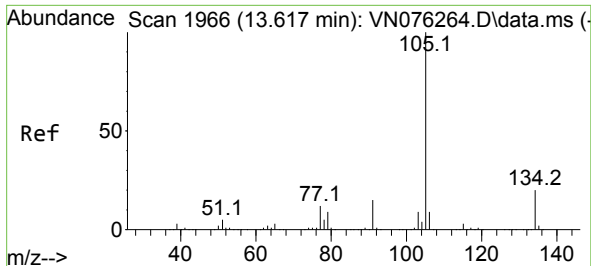
Tgt Ion:119 Resp: 864217
 Ion Ratio Lower Upper
 119 100
 91 66.2 32.2 96.6
 134 26.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.251 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

Tgt Ion:105 Resp: 986004
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.5

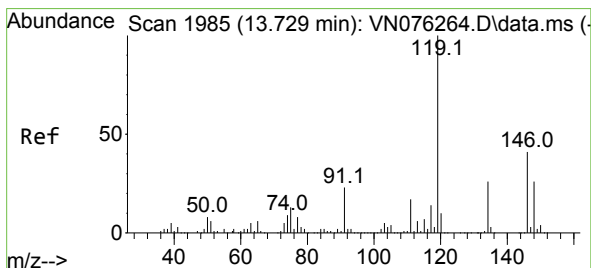
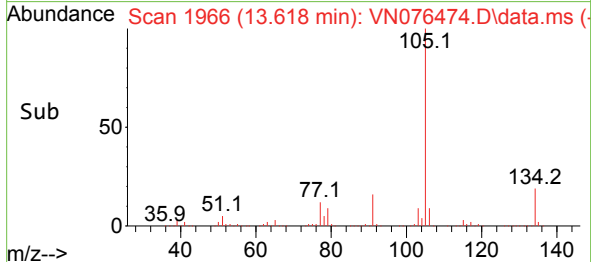
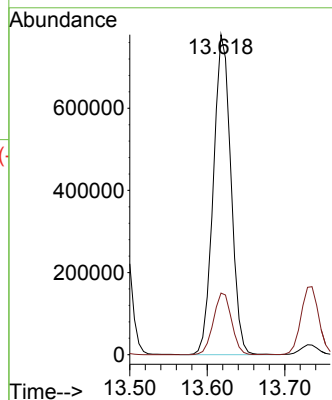
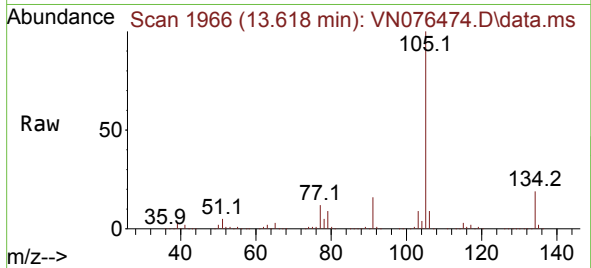




#85
 sec-Butylbenzene
 Concen: 54.868 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

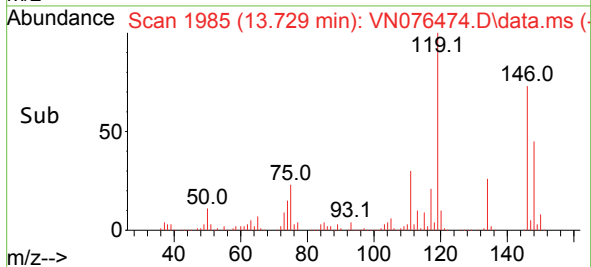
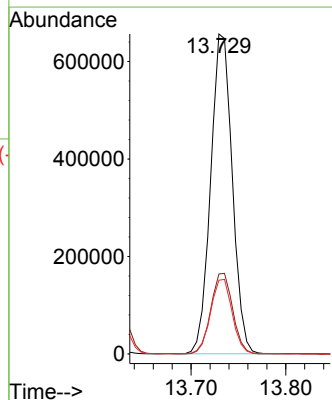
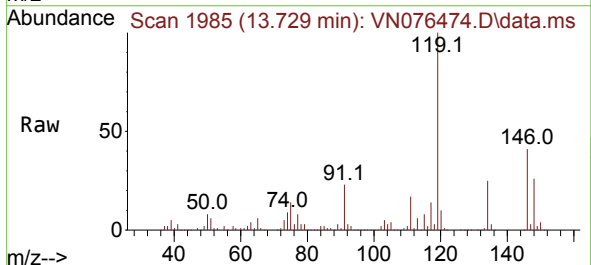
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

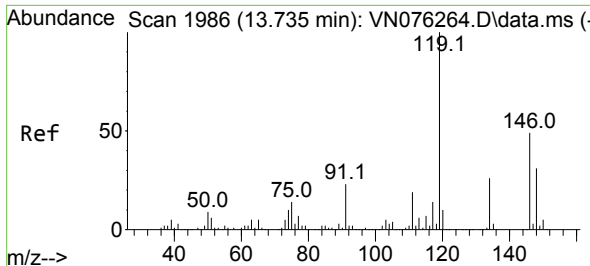
Tgt Ion:105 Resp: 1227368
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 56.465 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

Tgt Ion:119 Resp: 1038641
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.6
 91 23.3 11.8 35.3

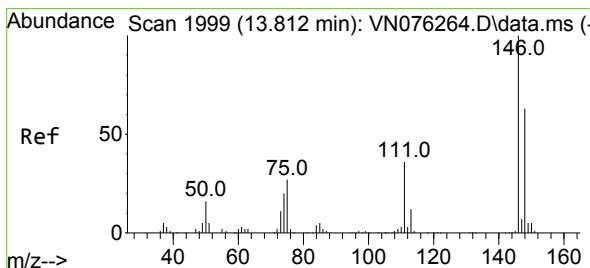
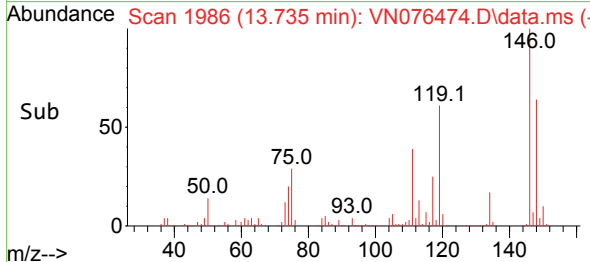
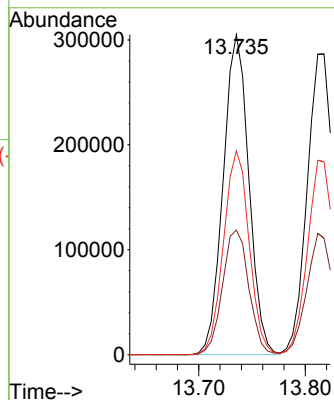
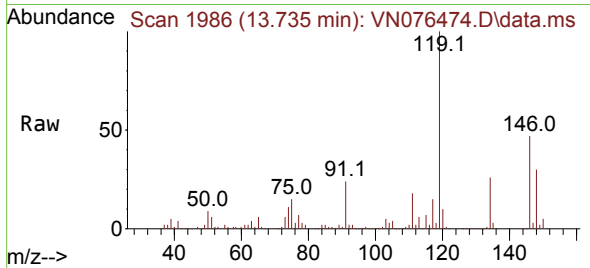




#87
 1,3-Dichlorobenzene
 Concen: 50.045 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

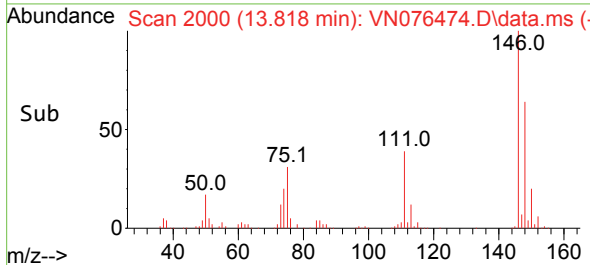
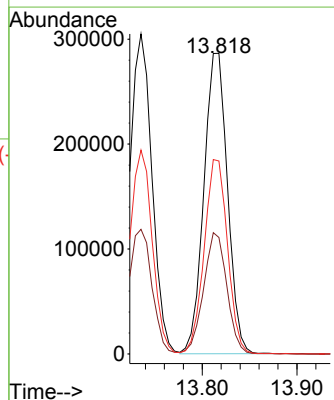
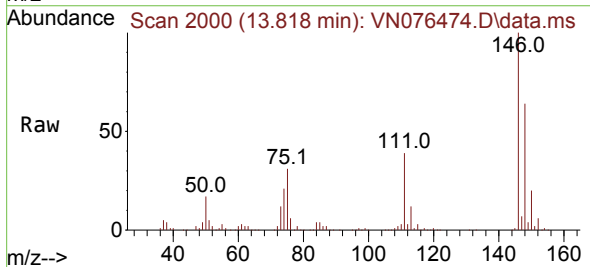
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

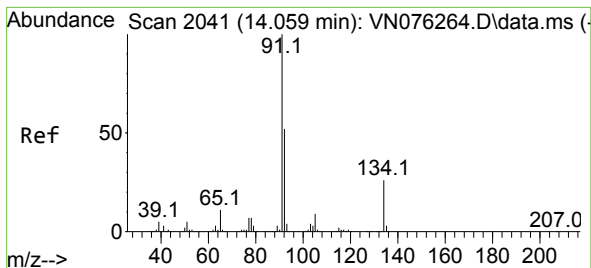
Tgt Ion:146 Resp: 510332
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.7
 148 63.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 51.217 ug/l
 RT: 13.818 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN076474.D
 Acq: 31 Jan 2023 09:14

Tgt Ion:146 Resp: 496858
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.5
 148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 55.520 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

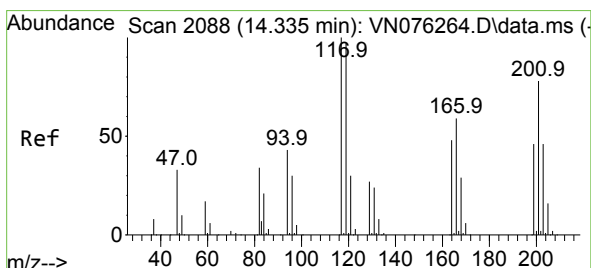
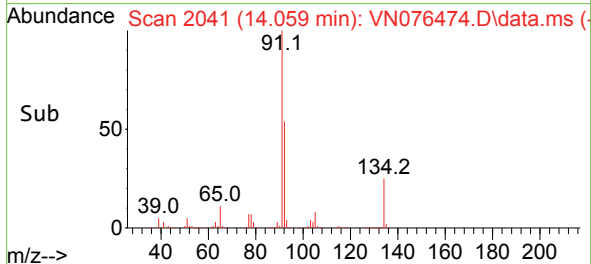
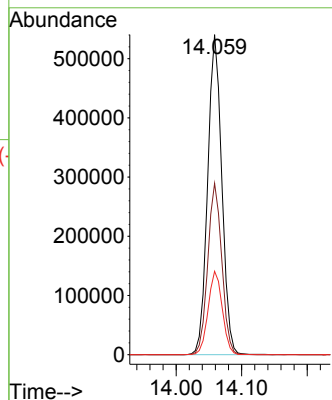
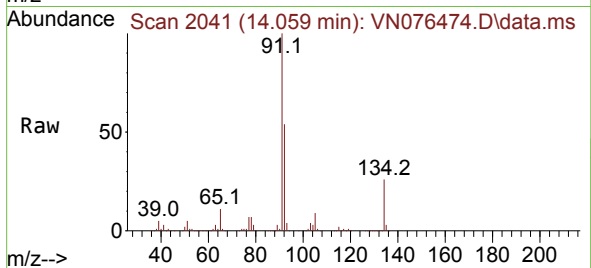
Tgt Ion: 91 Resp: 810714

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 26.2 13.2 39.5



#90

Hexachloroethane

Concen: 55.834 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076474.D

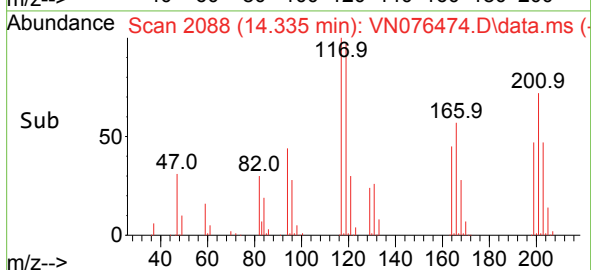
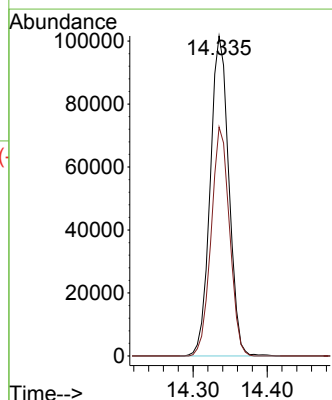
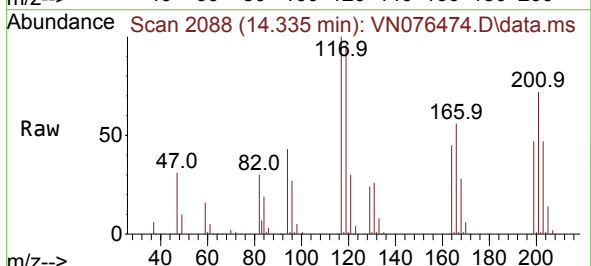
Acq: 31 Jan 2023 09:14

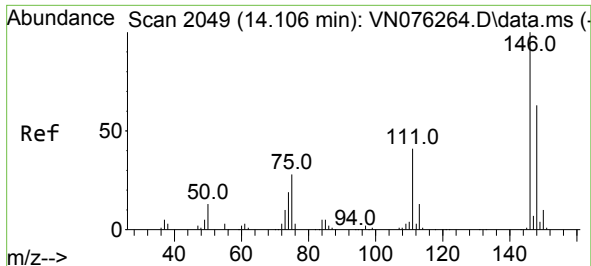
Tgt Ion: 117 Resp: 177259

Ion Ratio Lower Upper

117 100

201 70.5 37.3 111.9

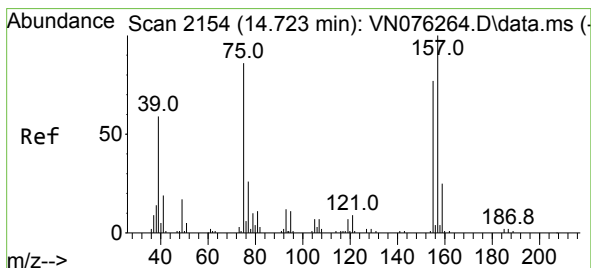
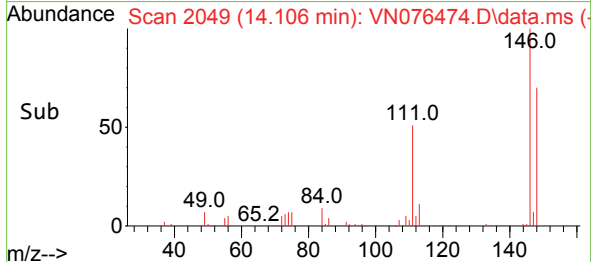
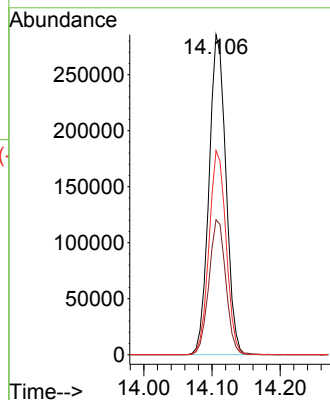
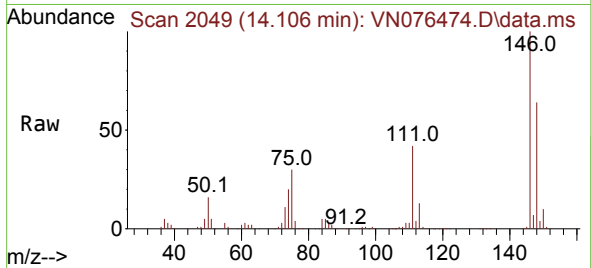




#91
1,2-Dichlorobenzene
Concen: 48.577 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

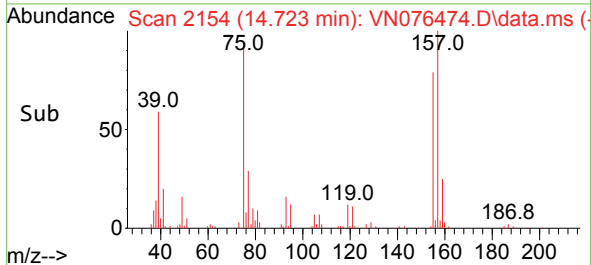
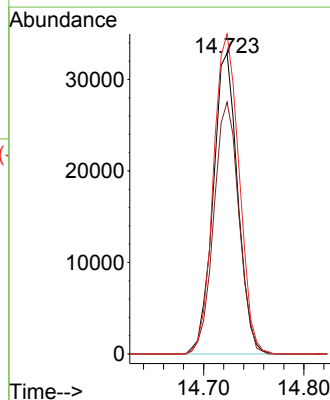
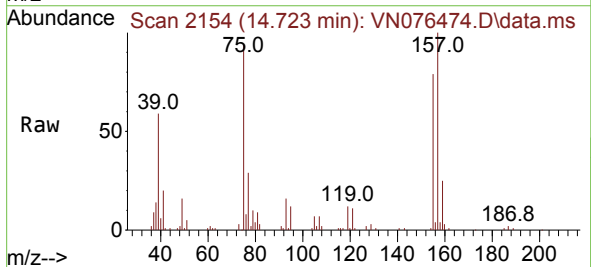
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

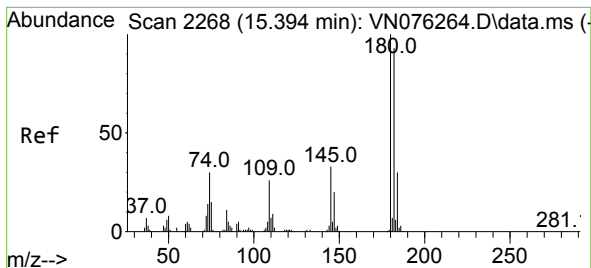
Tgt Ion:146 Resp: 493387
Ion Ratio Lower Upper
146 100
111 42.1 20.3 60.8
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.813 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076474.D
Acq: 31 Jan 2023 09:14

Tgt Ion: 75 Resp: 56017
Ion Ratio Lower Upper
75 100
155 85.3 45.0 135.0
157 111.1 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 48.289 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

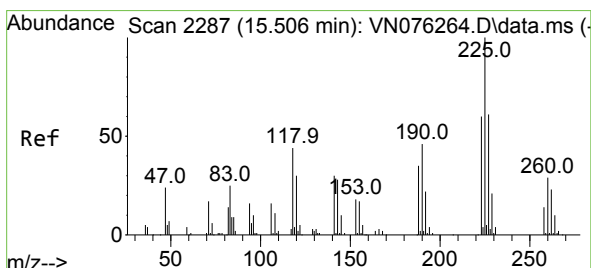
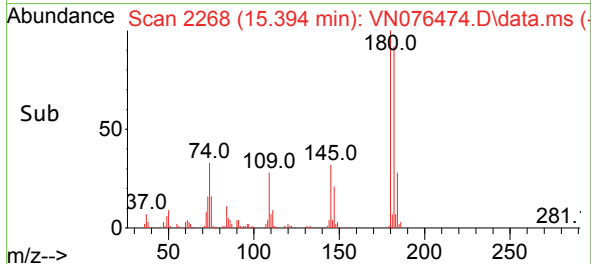
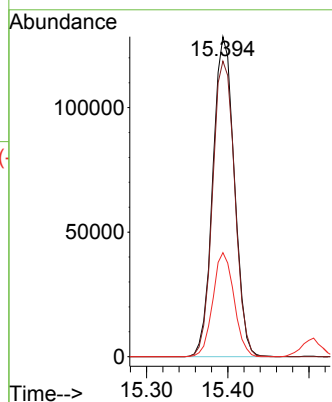
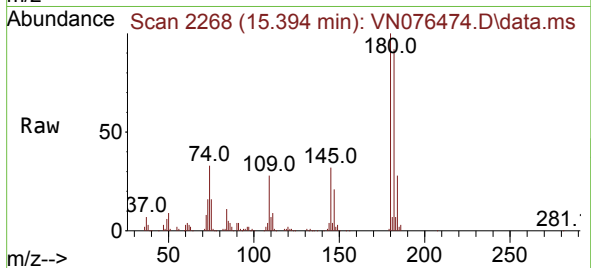
Tgt Ion:180 Resp: 236764

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 31.9 15.2 45.5



#94

Hexachlorobutadiene

Concen: 44.281 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

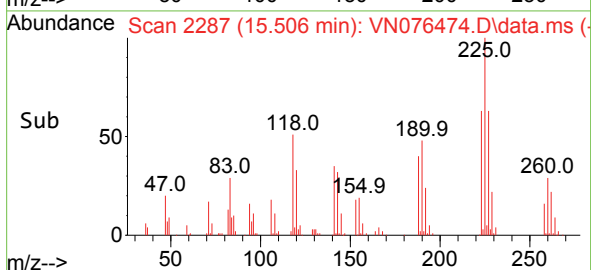
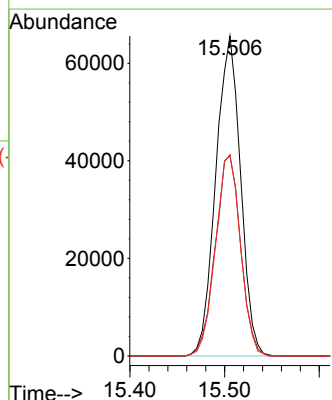
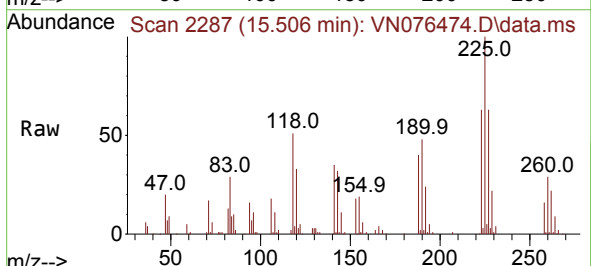
Tgt Ion:225 Resp: 119351

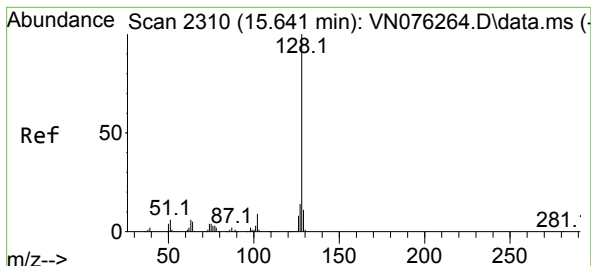
Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.3

227 63.2 30.9 92.8





#95

Naphthalene

Concen: 45.590 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

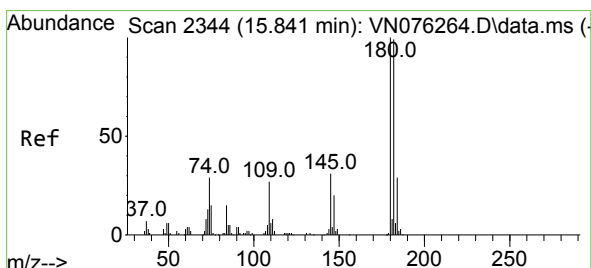
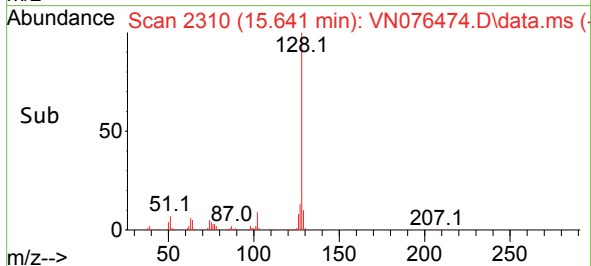
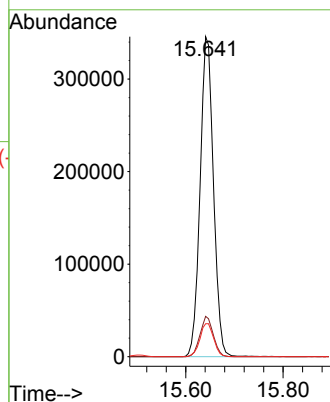
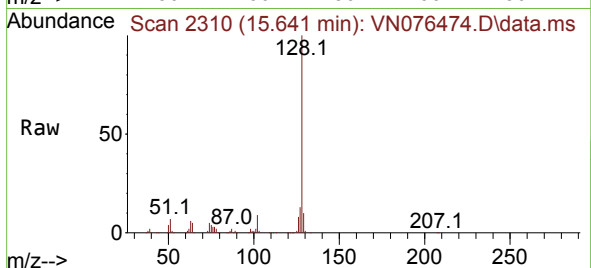
Tgt Ion:128 Resp: 660026

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.298 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076474.D

Acq: 31 Jan 2023 09:14

Tgt Ion:180 Resp: 220962

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 33.7 15.9 47.6

