

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076554.D
 Acq On : 06 Feb 2023 20:12
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 07 04:51:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	611686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1026806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	921556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	448828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	369751	50.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.540%
35) Dibromofluoromethane	8.177	113	330669	52.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	10.571	98	1281376	53.077	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.853	95	459674	54.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	334061	48.457	ug/l	98
3) Chloromethane	2.371	50	294983	47.448	ug/l	98
4) Vinyl Chloride	2.530	62	259681	50.508	ug/l	99
5) Bromomethane	2.953	94	164384	41.852	ug/l	95
6) Chloroethane	3.124	64	137718	42.879	ug/l	100
7) Trichlorofluoromethane	3.506	101	450604	40.284	ug/l	97
8) Diethyl Ether	3.977	74	200295	49.241	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	307201	47.113	ug/l	99
10) Methyl Iodide	4.600	142	476390	49.559	ug/l	100
11) Tert butyl alcohol	5.536	59	215859	217.809	ug/l #	87
12) 1,1-Dichloroethene	4.353	96	299535	48.377	ug/l	95
13) Acrolein	4.189	56	299166	221.676	ug/l	99
14) Allyl chloride	5.036	41	417921	51.618	ug/l	98
15) Acrylonitrile	5.736	53	666540	231.204	ug/l	99
16) Acetone	4.442	43	485471	220.032	ug/l	100
17) Carbon Disulfide	4.724	76	791783	50.321	ug/l	100
18) Methyl Acetate	5.036	43	362568	46.581	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	1000825	49.746	ug/l	99
20) Methylene Chloride	5.289	84	334917	45.499	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	321196	49.239	ug/l	95
22) Diisopropyl ether	6.683	45	890501	49.371	ug/l	98
23) Vinyl Acetate	6.612	43	2901621	249.612	ug/l	100
24) 1,1-Dichloroethane	6.583	63	560847	48.981	ug/l	98
25) 2-Butanone	7.494	43	796067	221.120	ug/l	96
26) 2,2-Dichloropropane	7.494	77	451737	46.812	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	374957	49.095	ug/l	100
28) Bromochloromethane	7.824	49	198019	41.766	ug/l	98
29) Tetrahydrofuran	7.841	42	536230	234.068	ug/l	99
30) Chloroform	7.971	83	601599	47.858	ug/l	98
31) Cyclohexane	8.265	56	522259	45.863	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	556470	49.655	ug/l	95
36) 1,1-Dichloropropene	8.377	75	442284	48.713	ug/l	99
37) Ethyl Acetate	7.565	43	340358	46.998	ug/l	99
38) Carbon Tetrachloride	8.371	117	486584	49.187	ug/l	100
39) Methylcyclohexane	9.606	83	569348	51.695	ug/l	99
40) Benzene	8.612	78	1344115	48.628	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	187731	48.540	ug/l	100
42) 1,2-Dichloroethane	8.677	62	435589	47.421	ug/l	99
43) Isopropyl Acetate	8.694	43	581799	49.400	ug/l	100
44) Trichloroethene	9.359	130	360621	48.799	ug/l	97
45) 1,2-Dichloropropane	9.624	63	319387	47.628	ug/l	99
46) Dibromomethane	9.712	93	226560	47.112	ug/l	99
47) Bromodichloromethane	9.894	83	476169	49.479	ug/l	99
48) Methyl methacrylate	9.682	41	281036	49.957	ug/l	99
49) 1,4-Dioxane	9.700	88	114284	862.410	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	1675083	237.319	ug/l	100
52) Toluene	10.635	92	886176	50.233	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	489428	52.543	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	539298	51.316	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	333014	48.227	ug/l	97
56) Ethyl methacrylate	10.876	69	498811	53.818	ug/l	99
57) 1,3-Dichloropropane	11.165	76	555941	48.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	752334	237.036	ug/l	100
59) 2-Hexanone	11.200	43	1195447	233.118	ug/l	100
60) Dibromochloromethane	11.359	129	370123	50.442	ug/l	99
61) 1,2-Dibromoethane	11.471	107	339967	49.286	ug/l	98
64) Tetrachloroethene	11.106	164	367287	47.213	ug/l	96
65) Chlorobenzene	11.894	112	927087	48.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	346693	49.640	ug/l	99
67) Ethyl Benzene	11.965	91	1699474	50.659	ug/l	99
68) m/p-Xylenes	12.070	106	1335659	102.662	ug/l	100
69) o-Xylene	12.400	106	656124	51.314	ug/l	98
70) Styrene	12.412	104	1085915	53.400	ug/l	99
71) Bromoform	12.582	173	259520	52.072	ug/l #	100
73) Isopropylbenzene	12.700	105	1726684	48.264	ug/l	99
74) N-amyl acetate	12.494	43	500725	48.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	448758	43.280	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	572706	62.559	ug/l	74
77) Bromobenzene	12.982	156	390472	46.389	ug/l	99
78) n-propylbenzene	13.041	91	1985577	49.881	ug/l	100
79) 2-Chlorotoluene	13.129	91	1192595	47.195	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1489537	49.115	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	140965	51.276	ug/l	97
82) 4-Chlorotoluene	13.129	91	1192595	47.195	ug/l	100
83) tert-Butylbenzene	13.441	119	1326837	49.200	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1495459	49.707	ug/l	100
85) sec-Butylbenzene	13.617	105	1826533	50.245	ug/l	100
86) p-Isopropyltoluene	13.729	119	1549418	52.340	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	749945	48.097	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	736555	46.830	ug/l	100
89) n-Butylbenzene	14.059	91	1256211	53.491	ug/l	99
90) Hexachloroethane	14.335	117	257770	50.997	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	740564	48.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	85261	47.705	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	356364	52.849	ug/l	99
94) Hexachlorobutadiene	15.506	225	191159	49.375	ug/l	99
95) Naphthalene	15.641	128	1070825	53.914	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	348464	53.754	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

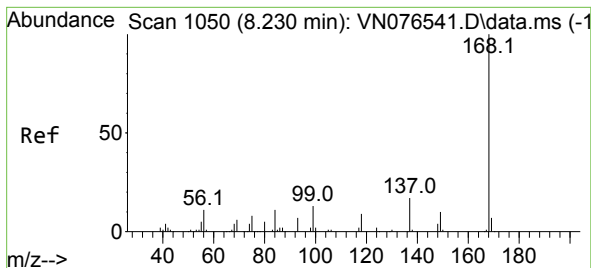
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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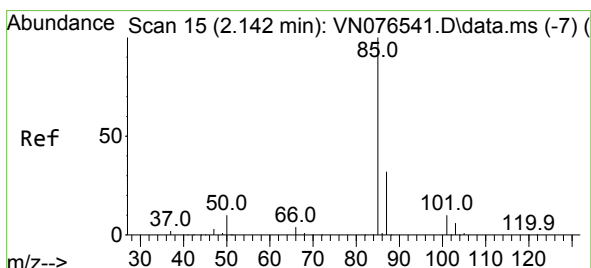
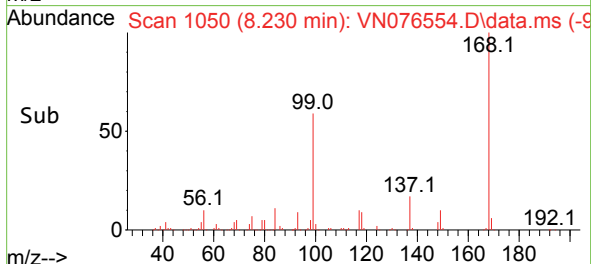
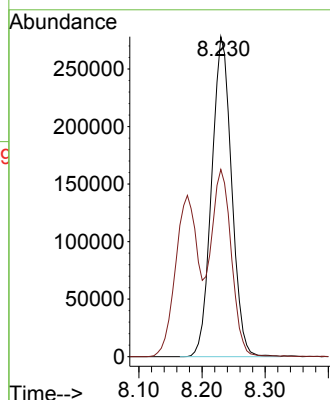
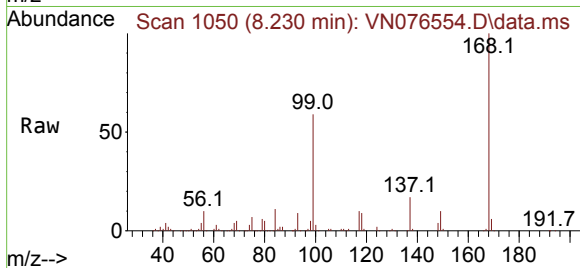
VSTDCCC050EC

Tgt Ion:168 Resp: 611686

Ion Ratio Lower Upper

168 100

99 58.4 47.1 70.7



#2

Dichlorodifluoromethane

Concen: 48.457 ug/l

RT: 2.136 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN076554.D

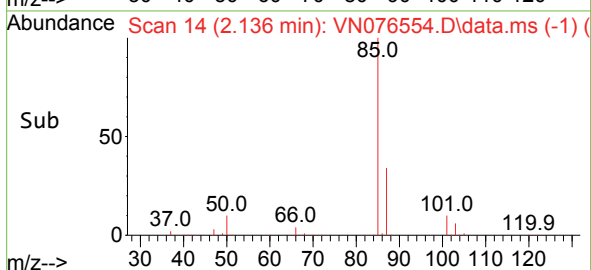
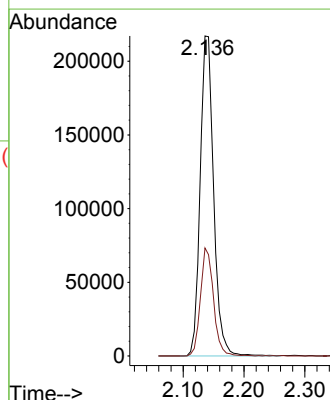
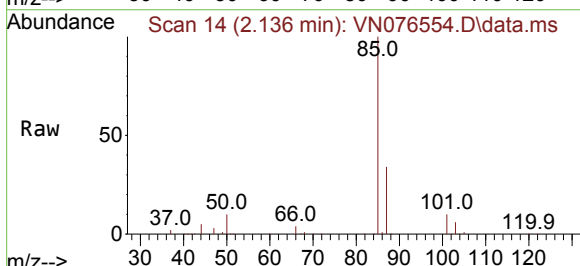
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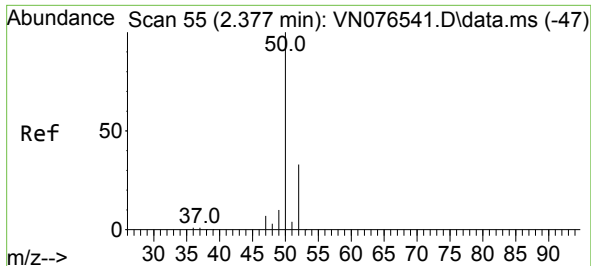
Tgt Ion: 85 Resp: 334061

Ion Ratio Lower Upper

85 100

87 33.8 16.2 48.6

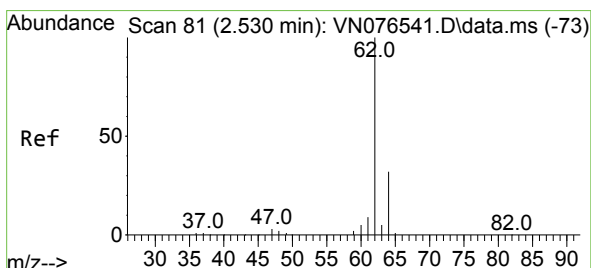
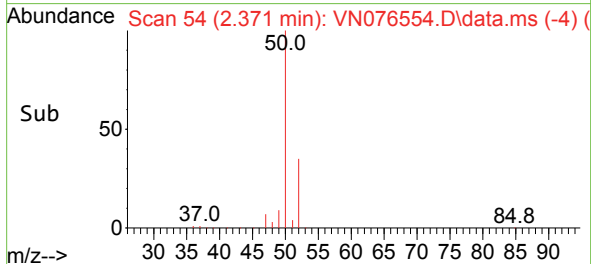
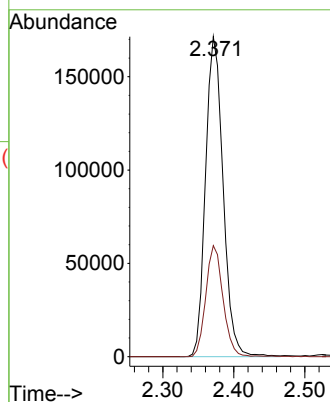
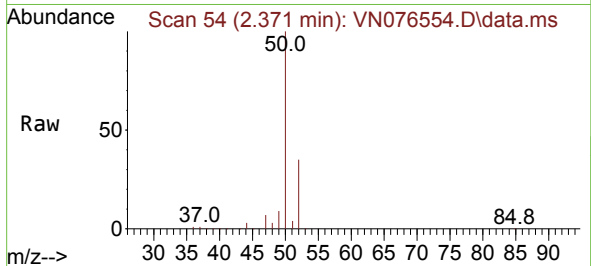




#3
Chloromethane
Concen: 47.448 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076554.D
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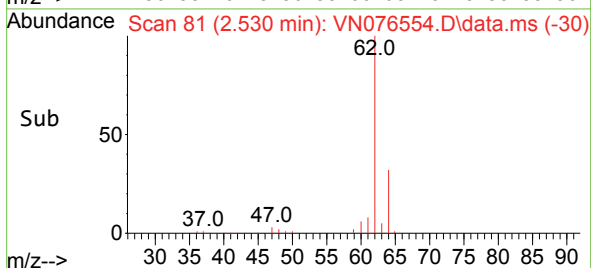
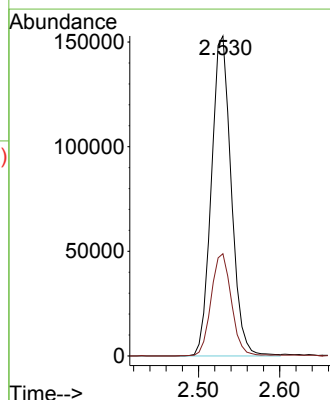
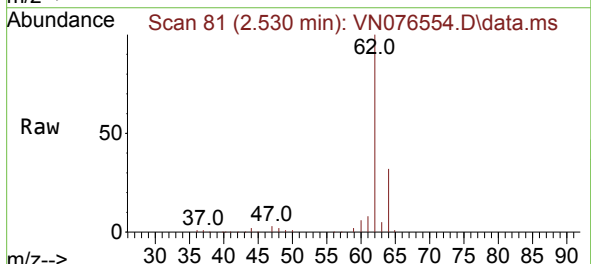
Instrument :
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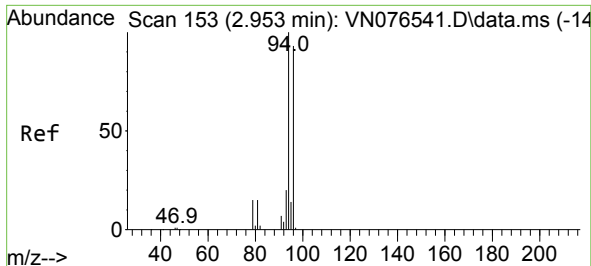
Tgt Ion: 50 Resp: 294983
Ion Ratio Lower Upper
50 100
52 34.7 26.6 40.0



#4
Vinyl Chloride
Concen: 50.508 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 62 Resp: 259681
Ion Ratio Lower Upper
62 100
64 31.8 25.9 38.9

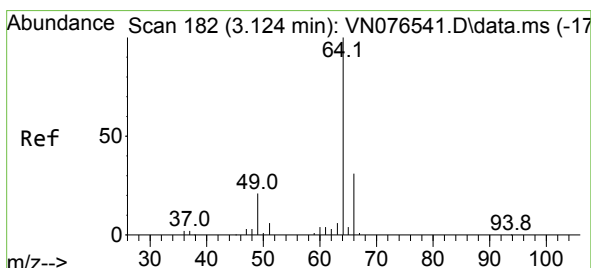
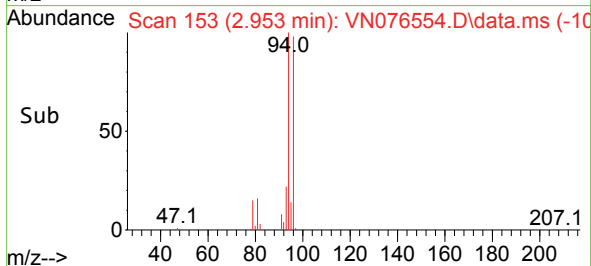
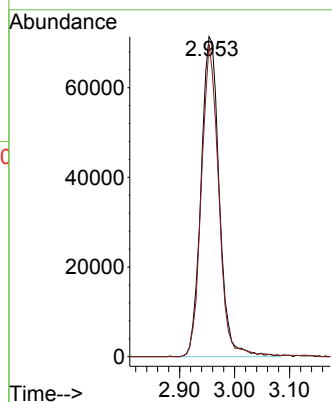
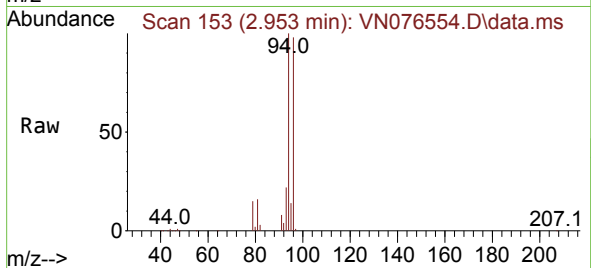




#5
Bromomethane
Concen: 41.852 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

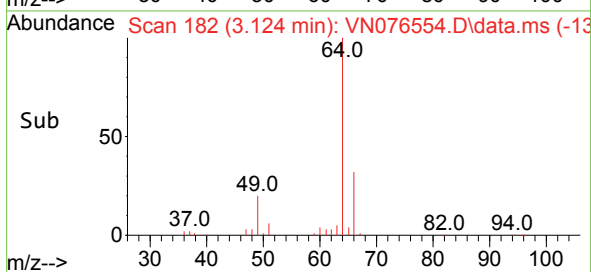
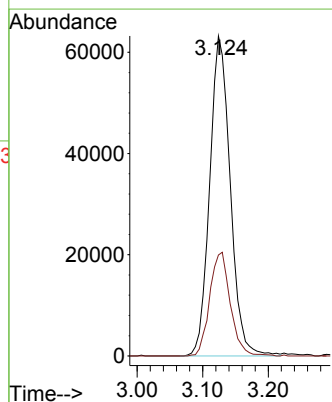
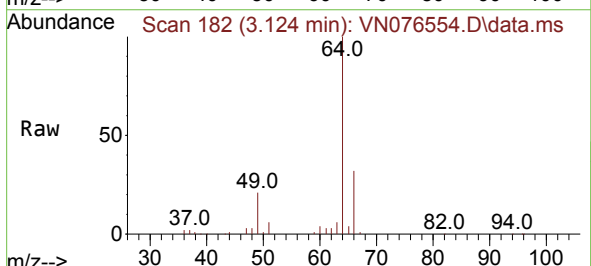
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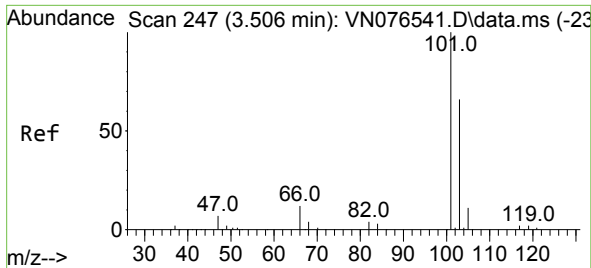
Tgt Ion: 94 Resp: 164384
Ion Ratio Lower Upper
94 100
96 97.6 74.1 111.1



#6
Chloroethane
Concen: 42.879 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 64 Resp: 137718
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.6

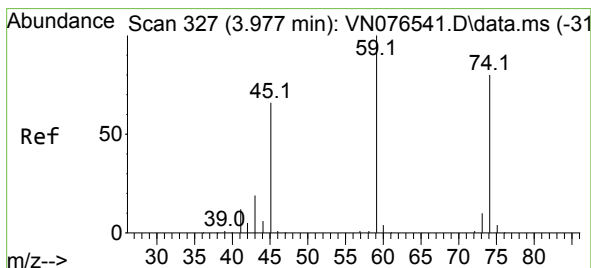
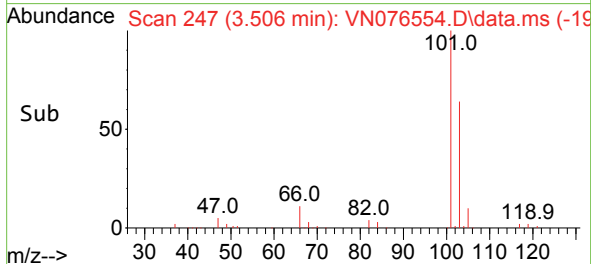
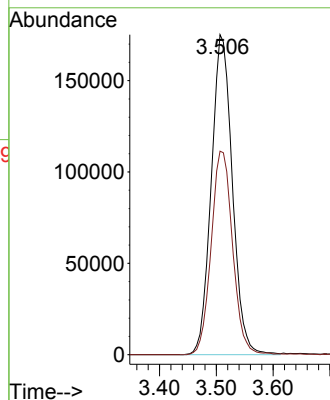
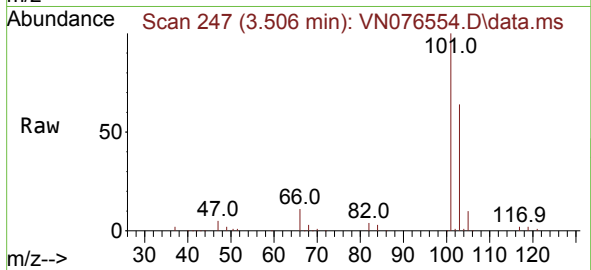




#7
 Trichlorofluoromethane
 Concen: 40.284 ug/l
 RT: 3.506 min Scan# 247
 Delta R.T. 0.000 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

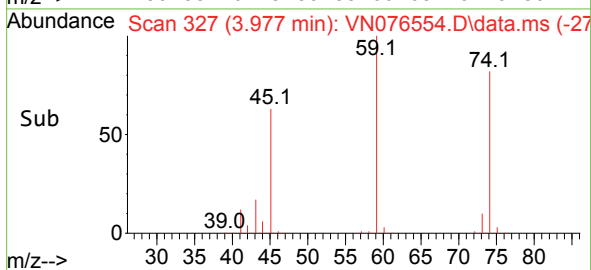
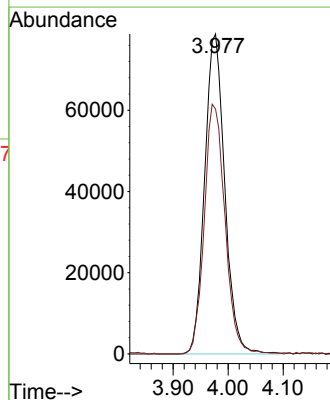
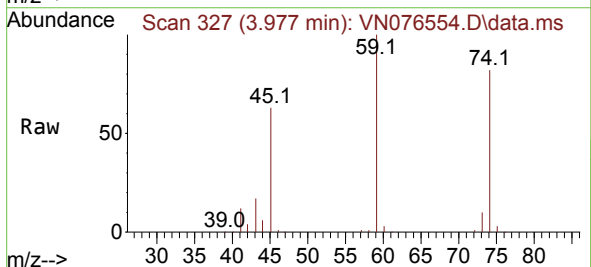
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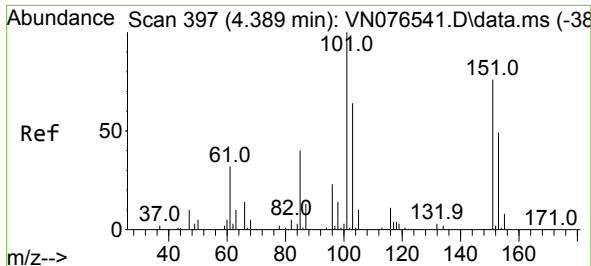
Tgt Ion:101 Resp: 450604
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.6 78.8



#8
 Diethyl Ether
 Concen: 49.241 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. -0.000 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

Tgt Ion: 74 Resp: 200295
 Ion Ratio Lower Upper
 74 100
 45 80.6 40.8 122.5

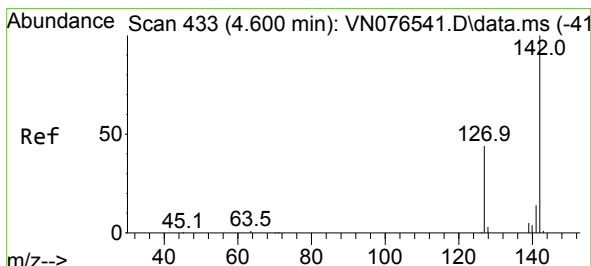
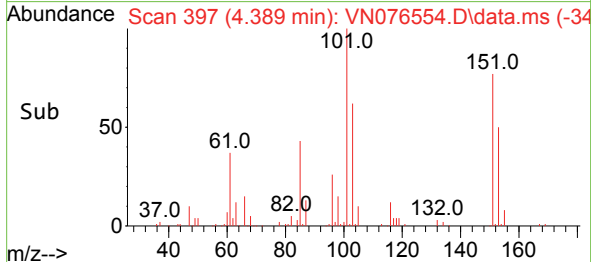
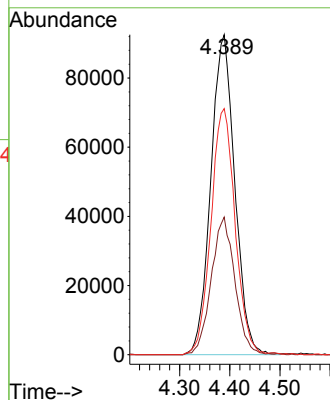
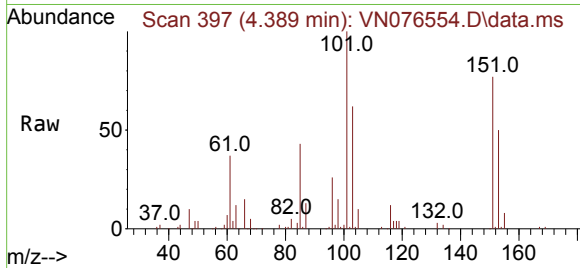




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.113 ug/l
 RT: 4.389 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

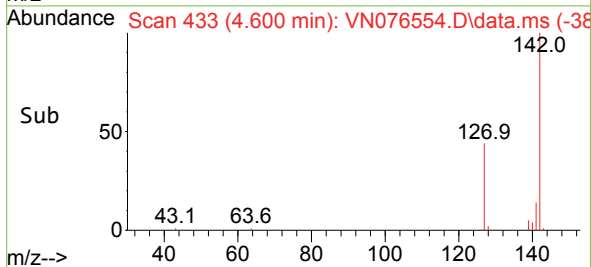
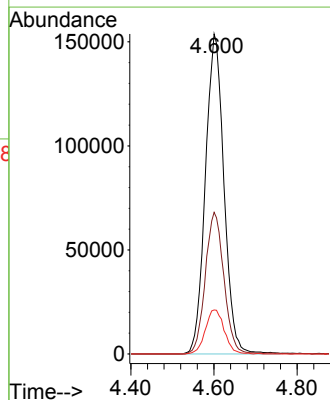
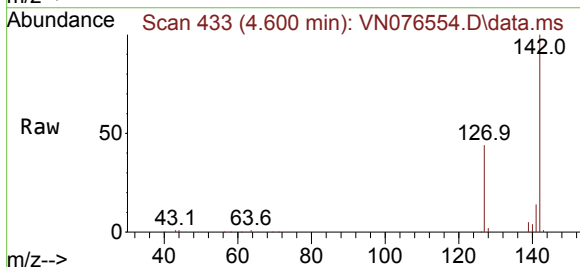
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

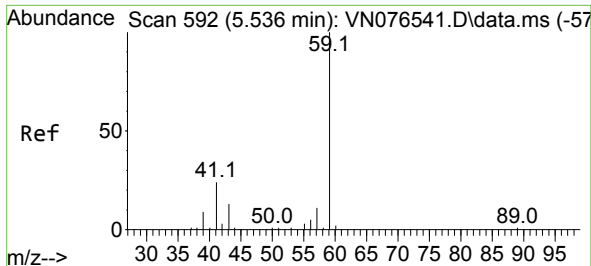
Tgt Ion:101 Resp: 307201
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.9 50.9
 151 77.5 61.2 91.8



#10
 Methyl Iodide
 Concen: 49.559 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. 0.000 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

Tgt Ion:142 Resp: 476390
 Ion Ratio Lower Upper
 142 100
 127 44.4 35.5 53.3
 141 14.1 11.3 16.9

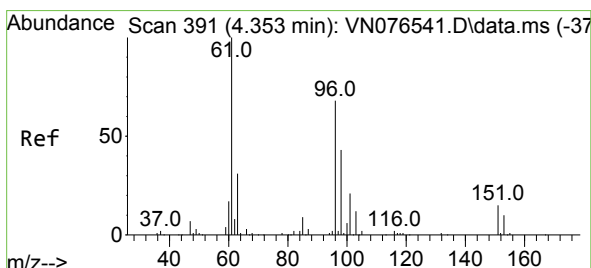
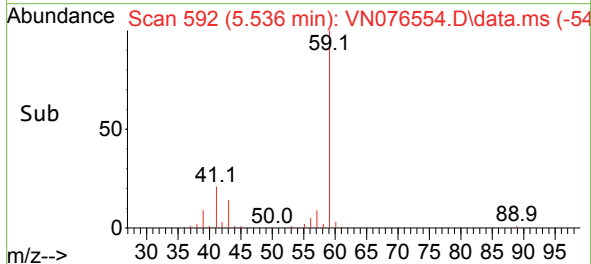
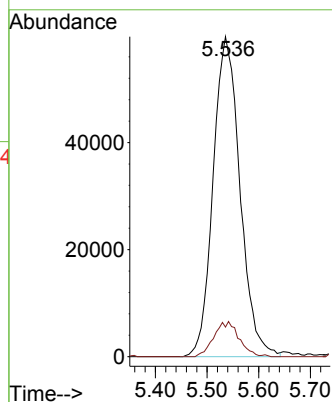
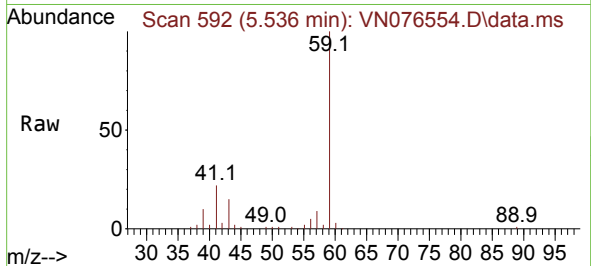




#11
Tert butyl alcohol
Concen: 217.809 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

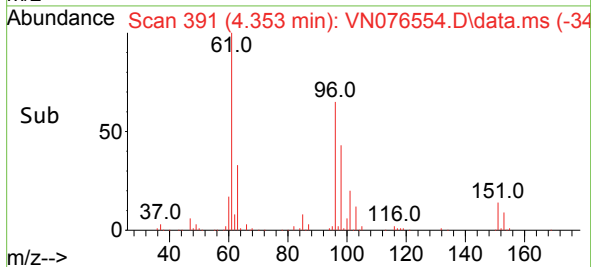
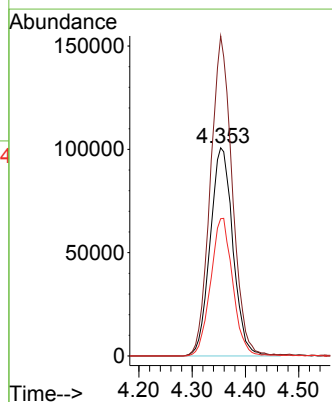
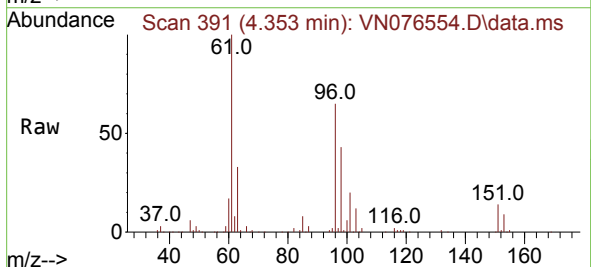
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

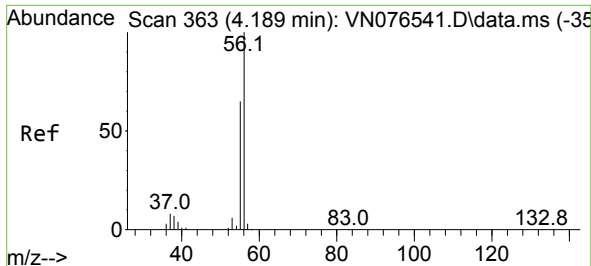
Tgt Ion: 59 Resp: 215859
Ion Ratio Lower Upper
59 100
57 5.2 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 48.377 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 96 Resp: 299535
Ion Ratio Lower Upper
96 100
61 153.7 117.9 176.9
98 66.0 50.2 75.2

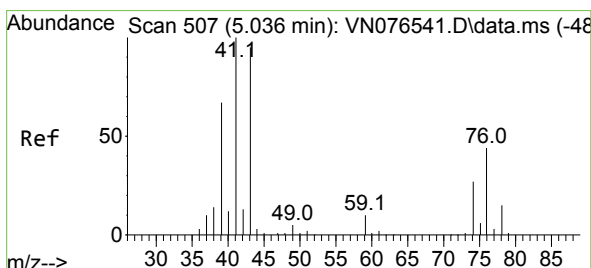
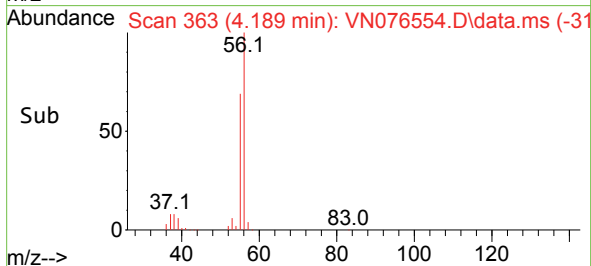
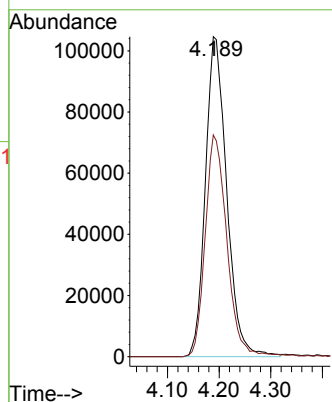
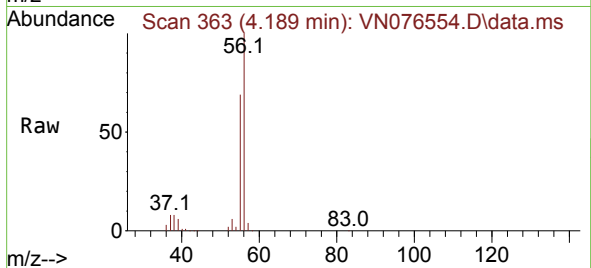




#13
Acrolein
Concen: 221.676 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

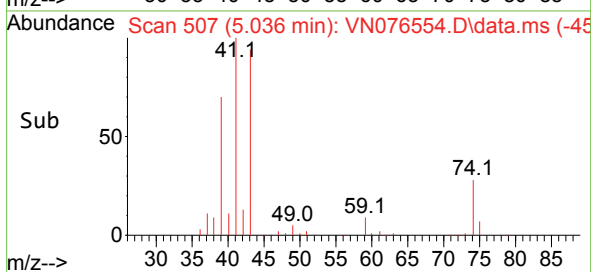
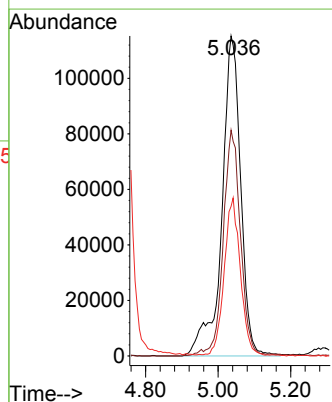
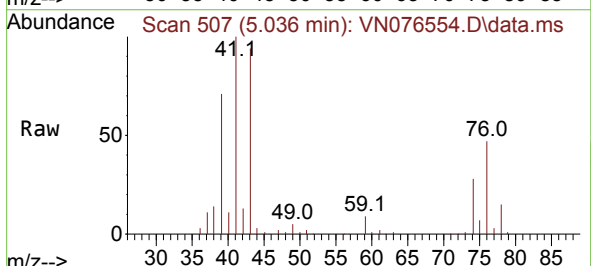
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

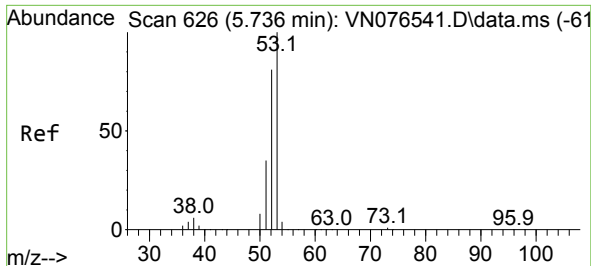
Tgt Ion: 56 Resp: 299166
Ion Ratio Lower Upper
56 100
55 70.4 55.4 83.2



#14
Allyl chloride
Concen: 51.618 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 41 Resp: 417921
Ion Ratio Lower Upper
41 100
39 62.5 51.6 77.4
76 41.7 33.1 49.7

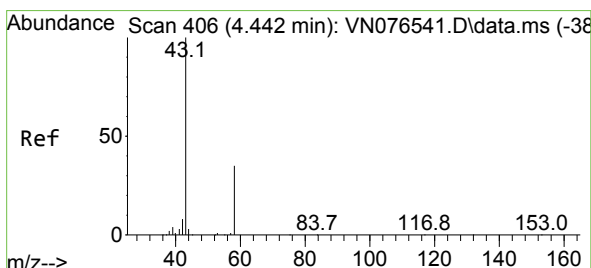
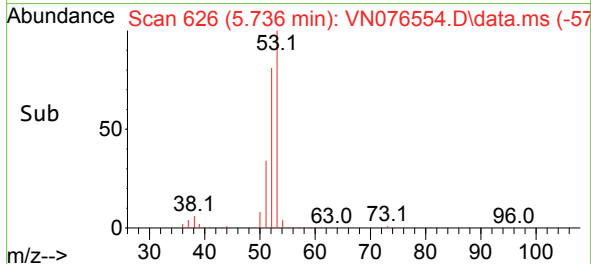
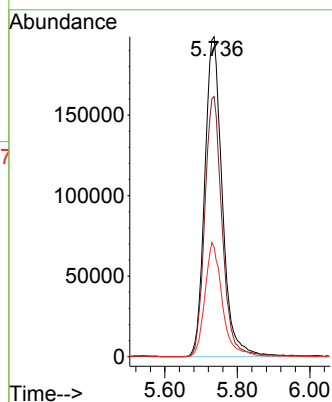
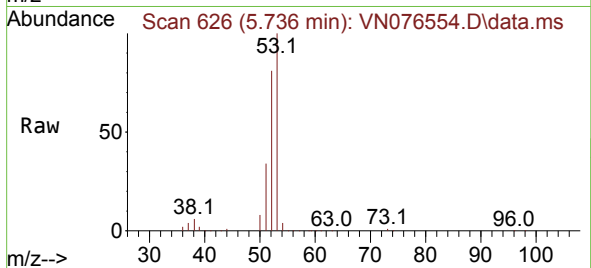




#15
Acrylonitrile
Concen: 231.204 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

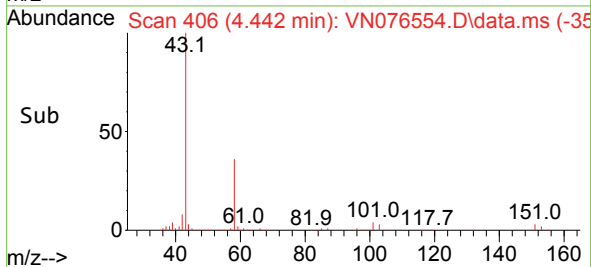
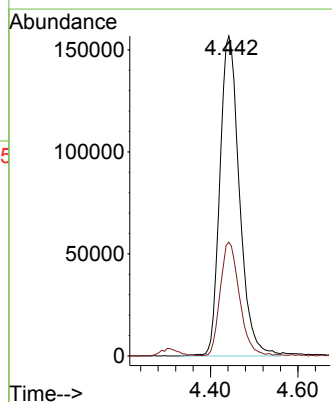
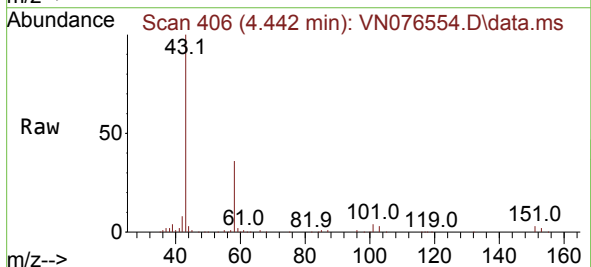
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

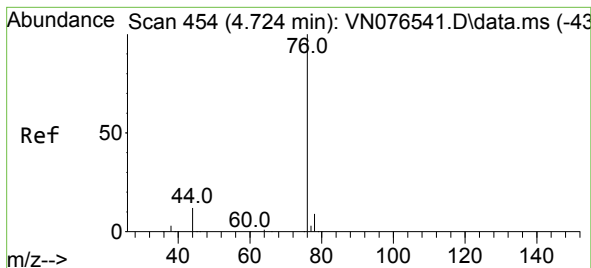
Tgt Ion: 53 Resp: 666540
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.4
51 35.4 28.7 43.1



#16
Acetone
Concen: 220.032 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 43 Resp: 485471
Ion Ratio Lower Upper
43 100
58 35.2 28.3 42.5





#17

Carbon Disulfide

Concen: 50.321 ug/l

RT: 4.724 min Scan# 454

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

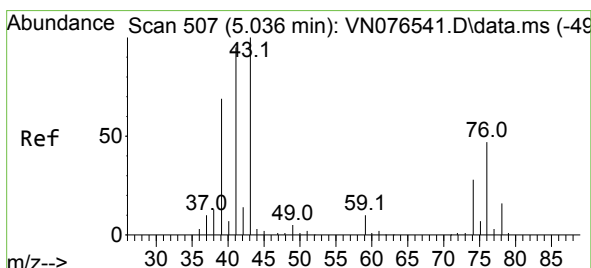
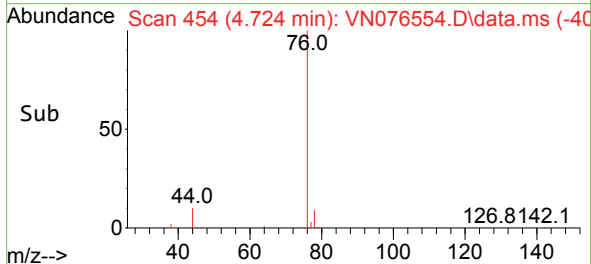
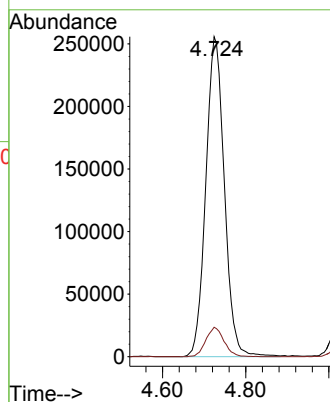
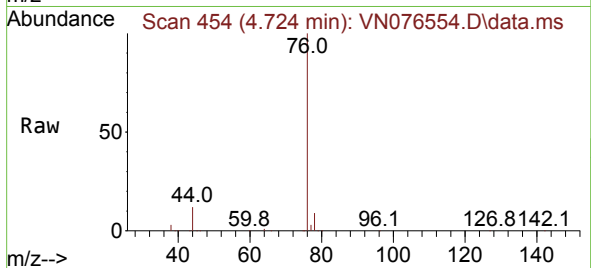
VSTDCCC050EC

Tgt Ion: 76 Resp: 791783

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 46.581 ug/l

RT: 5.036 min Scan# 507

Delta R.T. 0.000 min

Lab File: VN076554.D

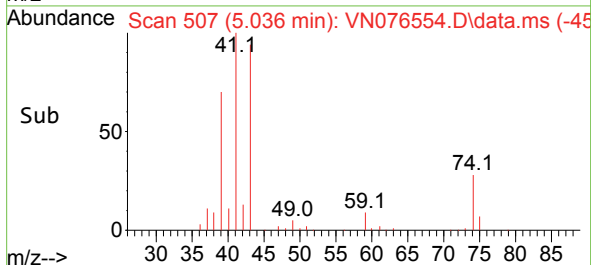
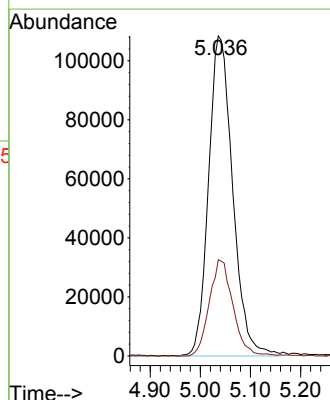
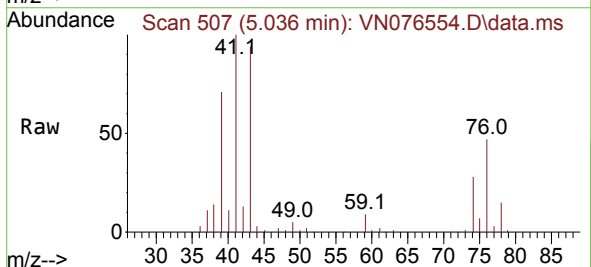
Acq: 06 Feb 2023 20:12

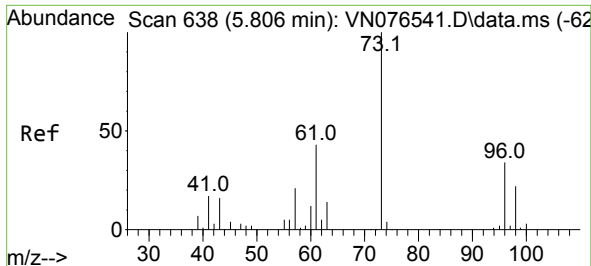
Tgt Ion: 43 Resp: 362568

Ion Ratio Lower Upper

43 100

74 29.4 23.6 35.4

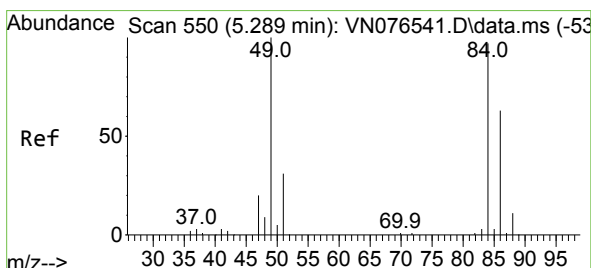
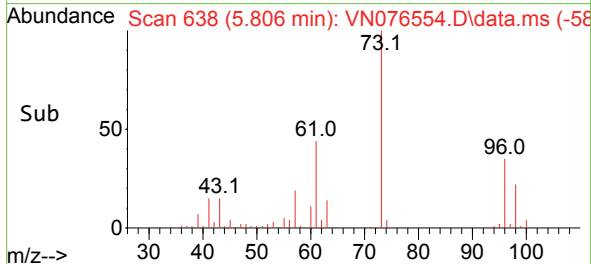
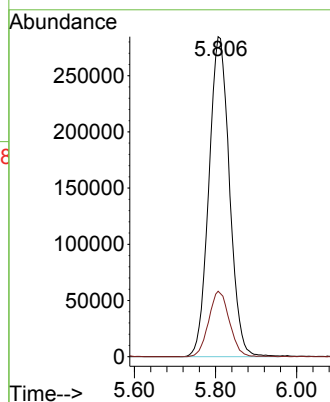
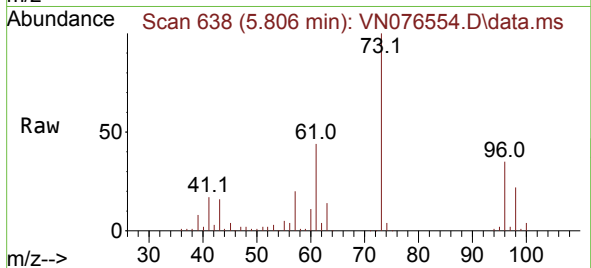




#19
Methyl tert-butyl Ether
Concen: 49.746 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

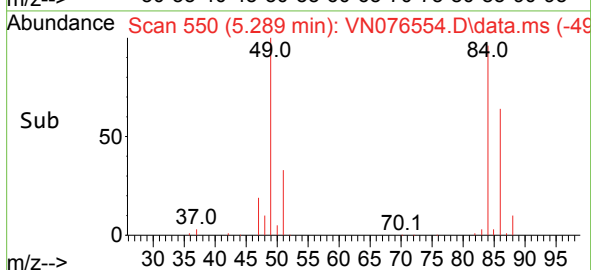
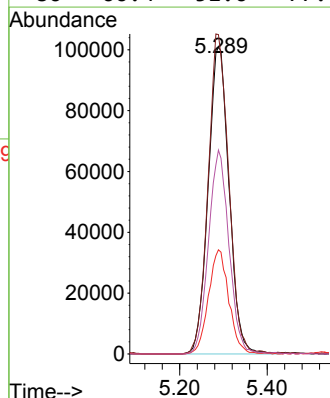
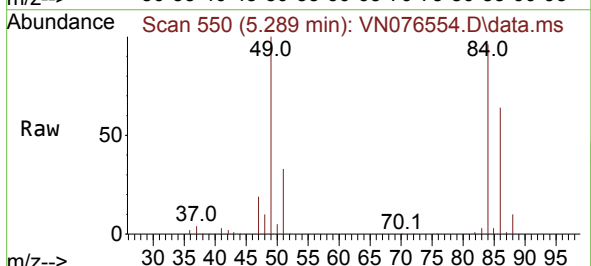
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

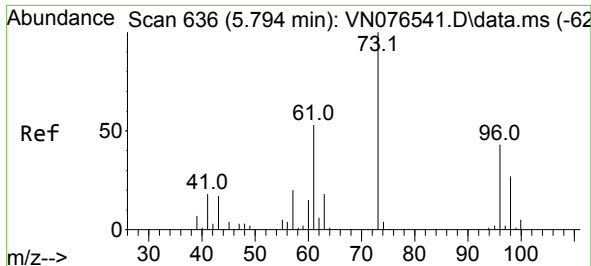
Tgt Ion: 73 Resp: 1000825
Ion Ratio Lower Upper
73 100
57 20.4 16.8 25.2



#20
Methylene Chloride
Concen: 45.499 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 84 Resp: 334917
Ion Ratio Lower Upper
84 100
49 104.1 82.3 123.5
51 34.0 25.9 38.9
86 66.4 51.6 77.4

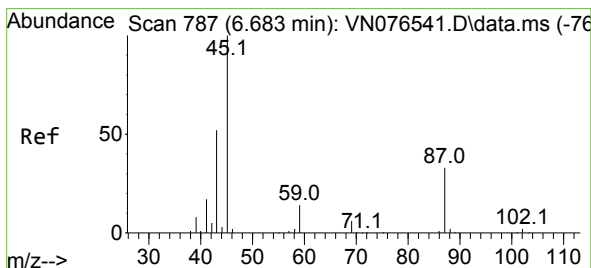
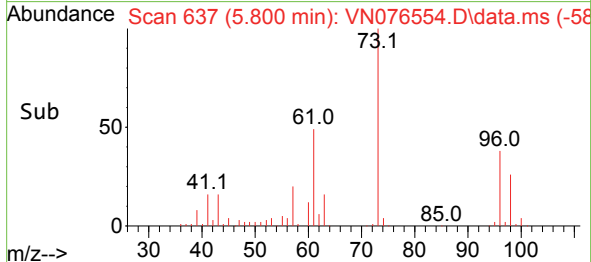
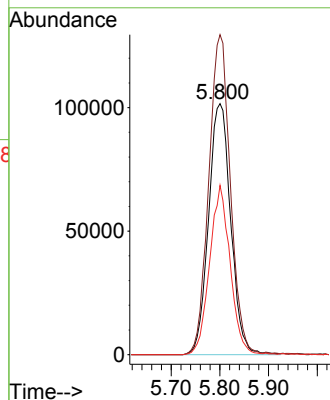
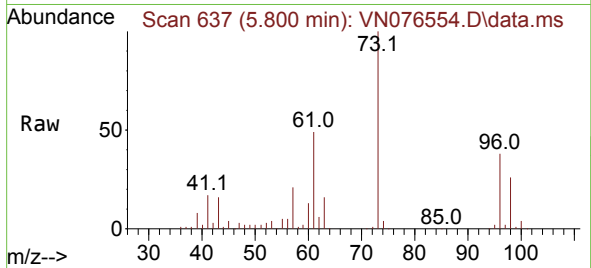




#21
trans-1,2-Dichloroethene
Concen: 49.239 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

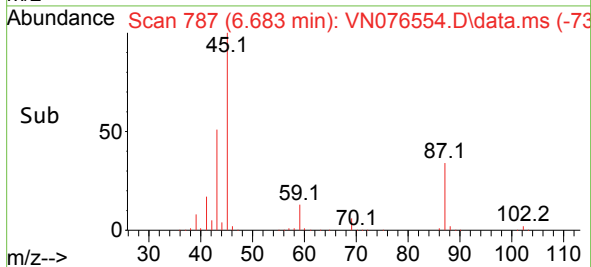
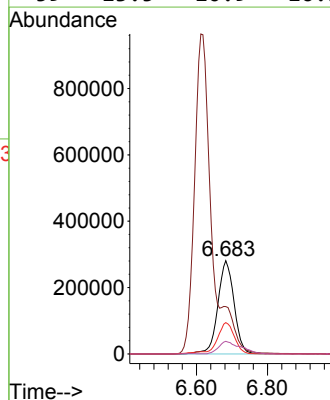
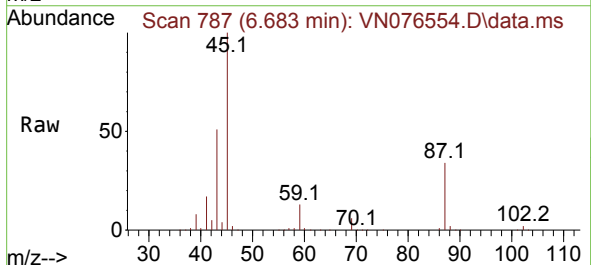
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

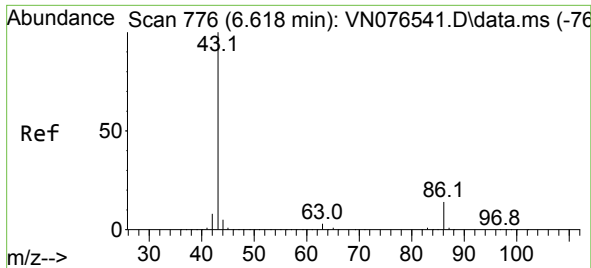
Tgt Ion: 96 Resp: 321196
Ion Ratio Lower Upper
96 100
61 127.5 98.6 148.0
98 67.4 49.9 74.9



#22
Diisopropyl ether
Concen: 49.371 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 45 Resp: 890501
Ion Ratio Lower Upper
45 100
43 50.2 41.8 62.6
87 33.6 26.6 39.8
59 13.5 10.9 16.3

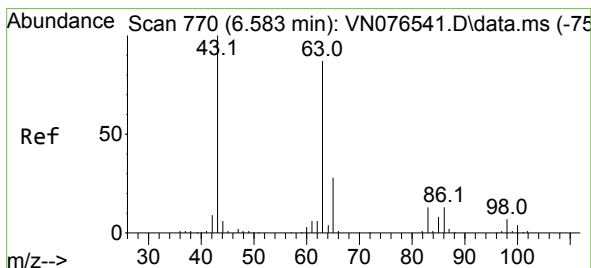
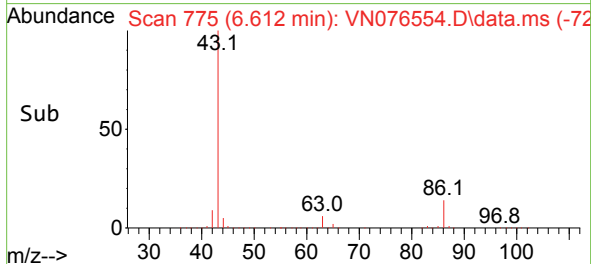
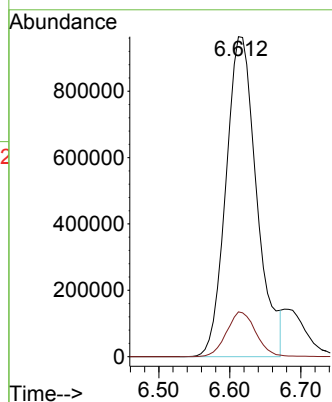
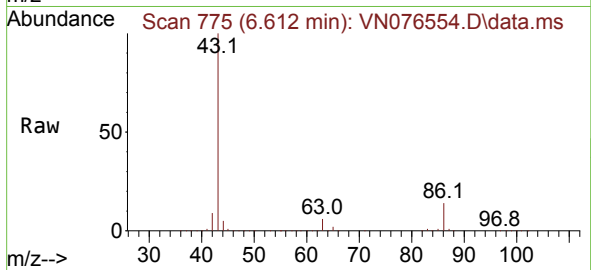




#23
 Vinyl Acetate
 Concen: 249.612 ug/l
 RT: 6.612 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

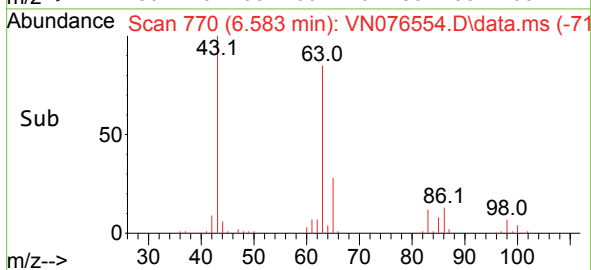
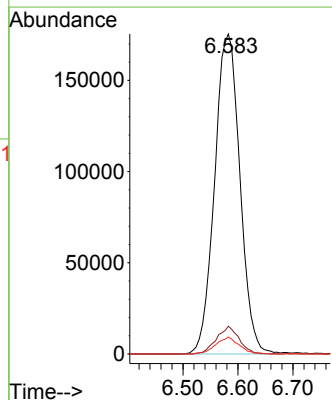
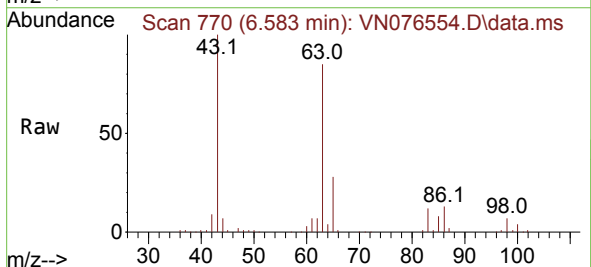
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

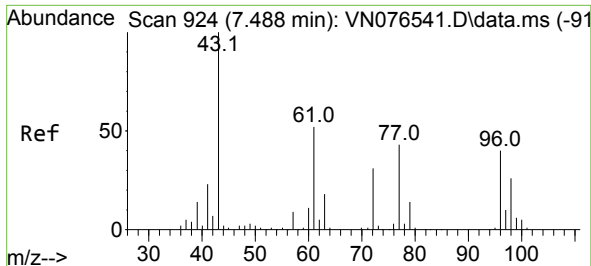
Tgt Ion: 43 Resp: 2901621
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.3 16.9



#24
 1,1-Dichloroethane
 Concen: 48.981 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

Tgt Ion: 63 Resp: 560847
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.5
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 221.120 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

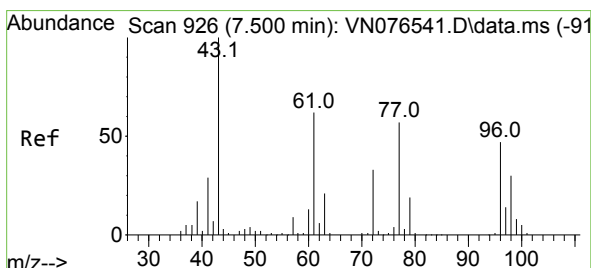
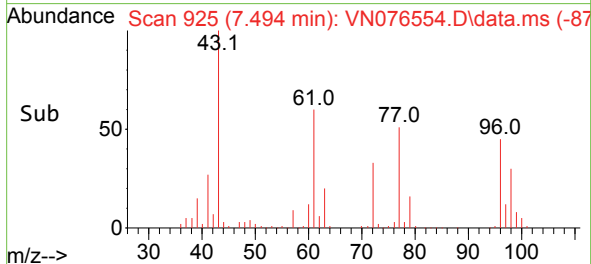
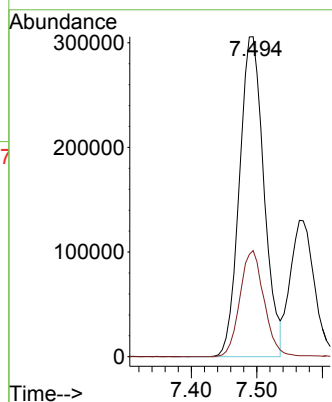
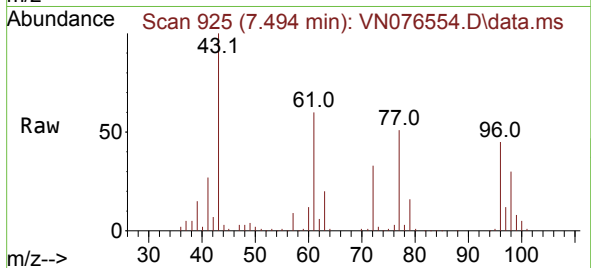
VSTDCCC050EC

Tgt Ion: 43 Resp: 796067

Ion Ratio Lower Upper

43 100

72 33.1 24.8 37.2



#26

2,2-Dichloropropane

Concen: 46.812 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076554.D

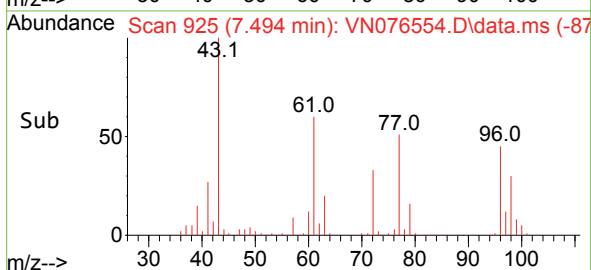
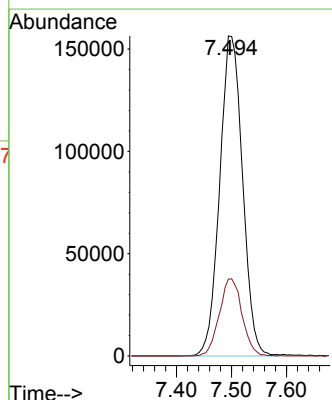
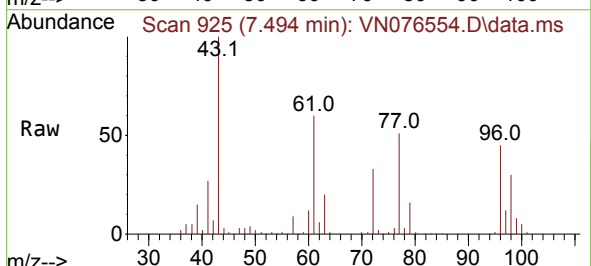
Acq: 06 Feb 2023 20:12

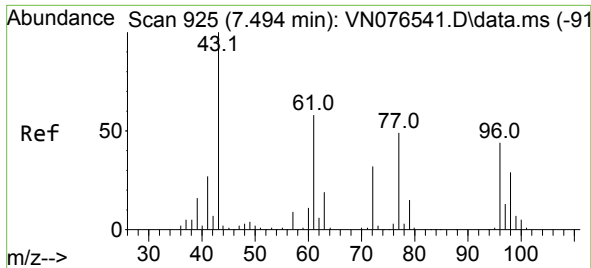
Tgt Ion: 77 Resp: 451737

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7

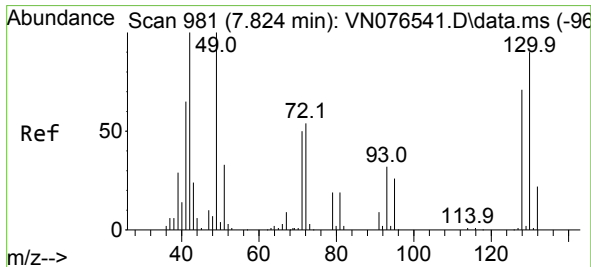
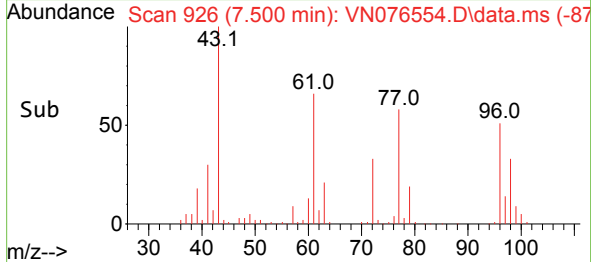
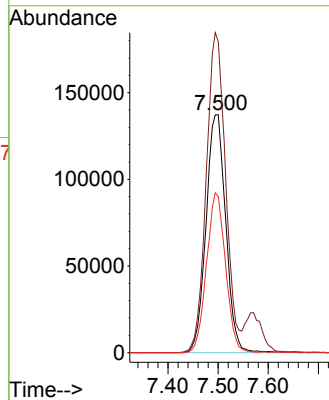
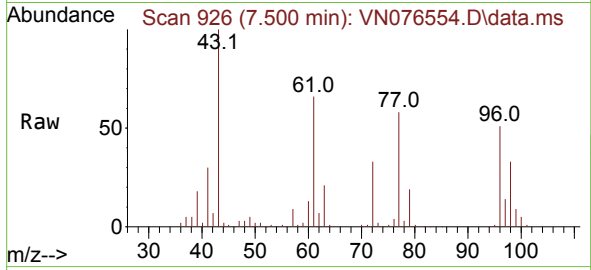




#27
 cis-1,2-Dichloroethene
 Concen: 49.095 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

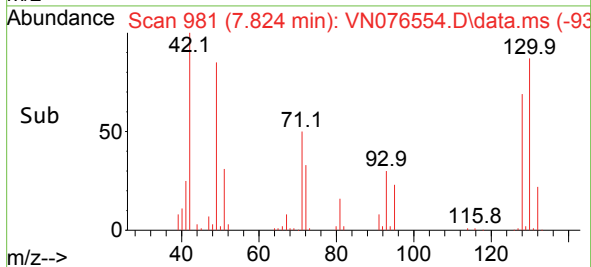
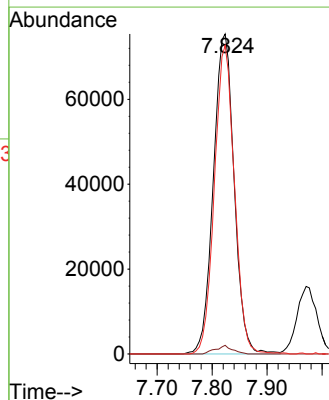
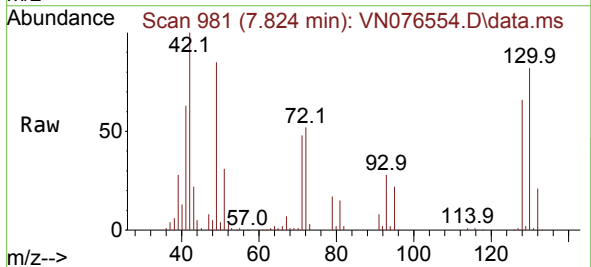
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

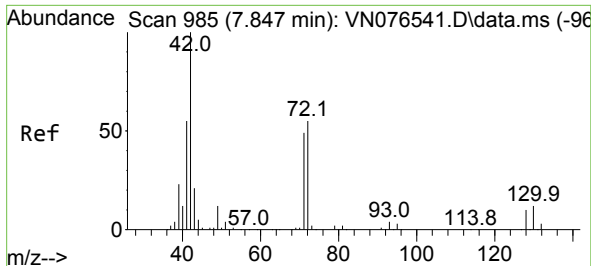
Tgt Ion: 96 Resp: 374957
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 266.4
 98 64.9 0.0 129.6



#28
 Bromochloromethane
 Concen: 41.766 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

Tgt Ion: 49 Resp: 198019
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 92.9 72.6 108.8

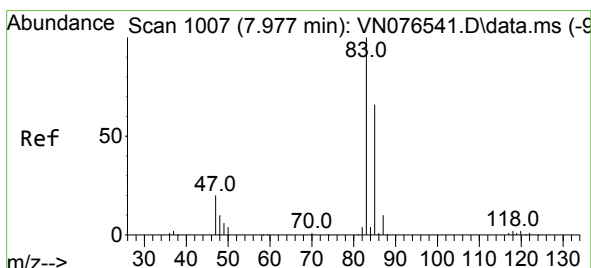
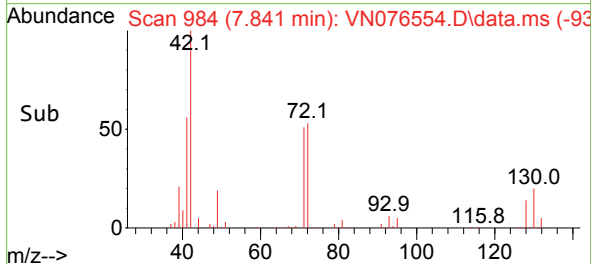
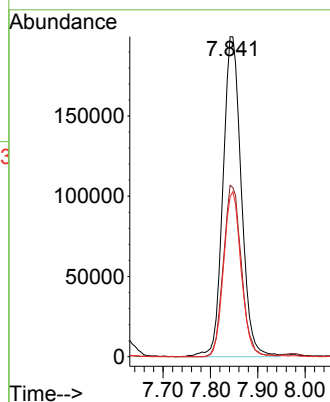
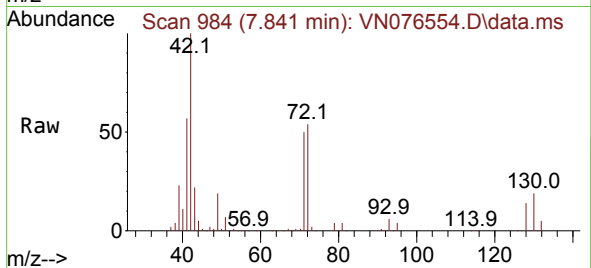




#29
Tetrahydrofuran
Concen: 234.068 ug/l
RT: 7.841 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

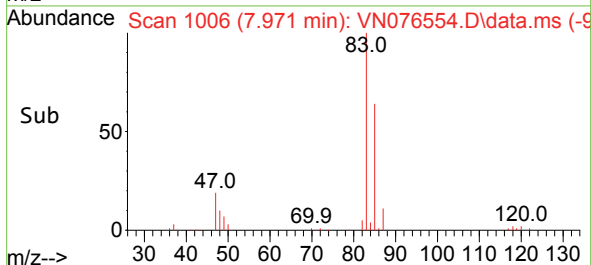
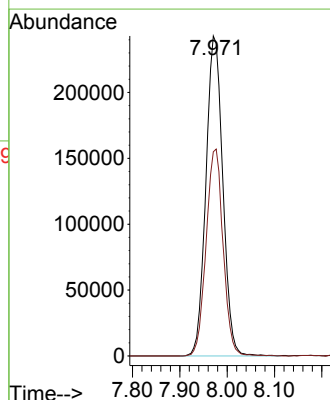
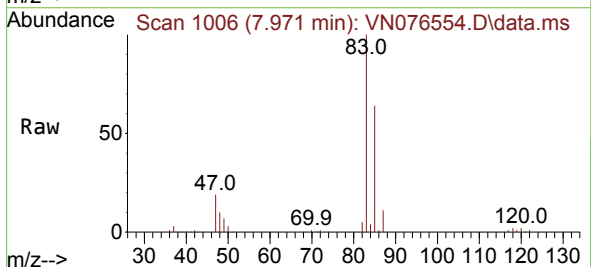
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

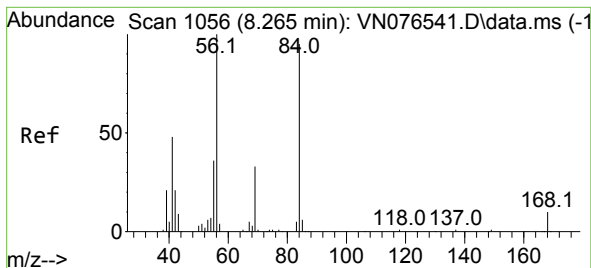
Tgt Ion: 42 Resp: 536230
Ion Ratio Lower Upper
42 100
72 52.6 43.4 65.2
71 49.5 39.4 59.2



#30
Chloroform
Concen: 47.858 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.006 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 83 Resp: 601599
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7





#31

Cyclohexane

Concen: 45.863 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

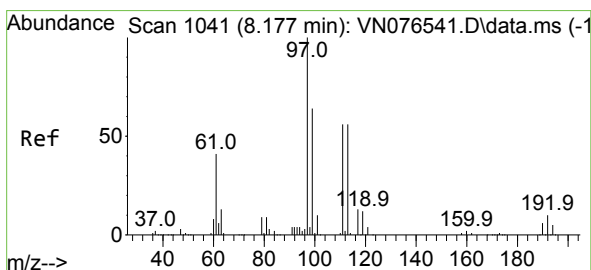
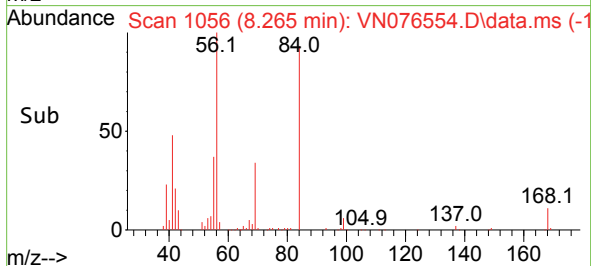
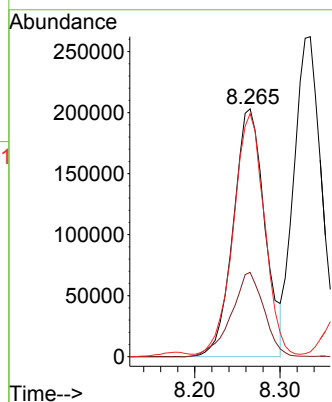
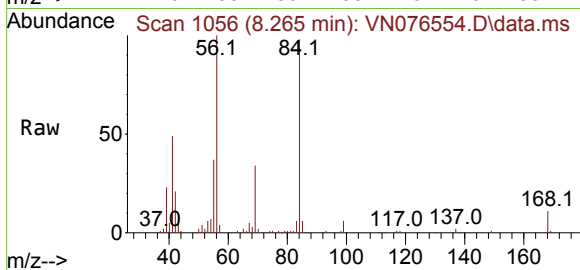
Tgt Ion: 56 Resp: 522259

Ion Ratio Lower Upper

56 100

69 34.0 26.5 39.7

84 96.3 76.2 114.4



#32

1,1,1-Trichloroethane

Concen: 49.655 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

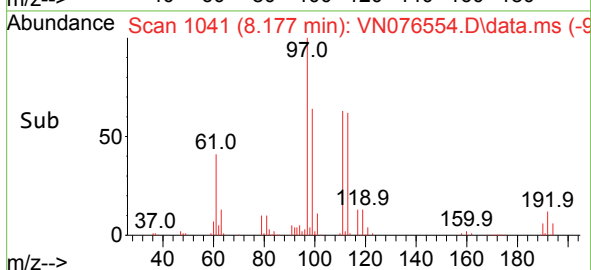
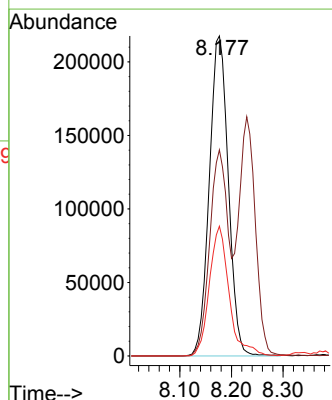
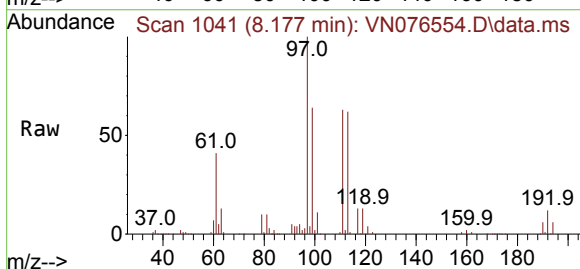
Tgt Ion: 97 Resp: 556470

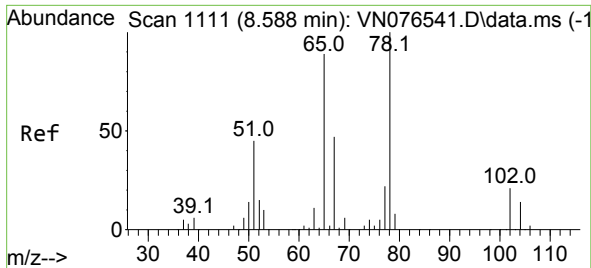
Ion Ratio Lower Upper

97 100

99 61.7 53.7 80.5

61 42.1 34.3 51.5

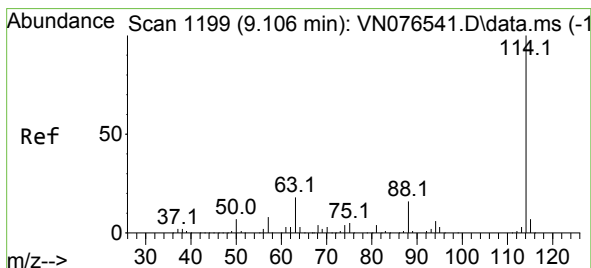
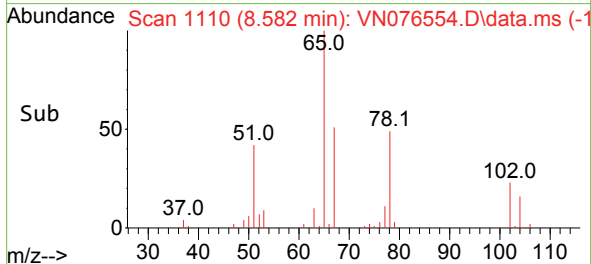
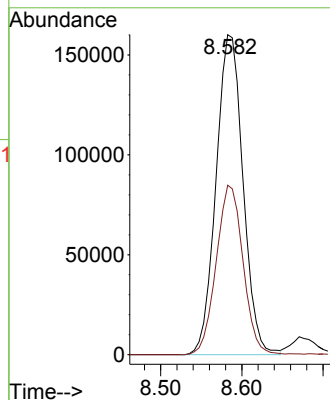
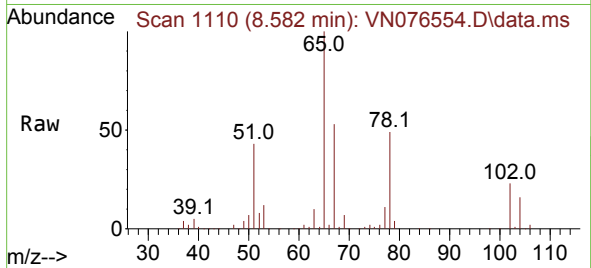




#33
1,2-Dichloroethane-d4
Concen: 50.767 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

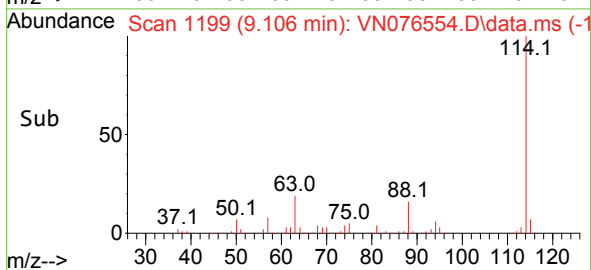
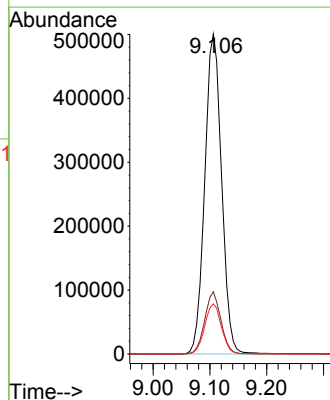
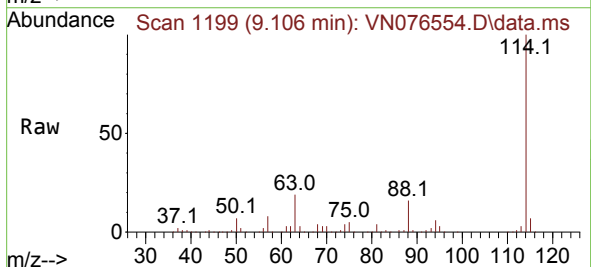
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

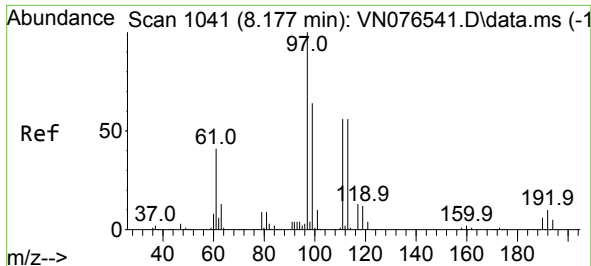
Tgt Ion: 65 Resp: 369751
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 114 Resp: 1026806
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 15.6 0.0 31.4

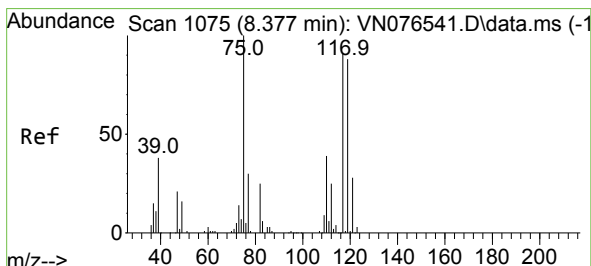
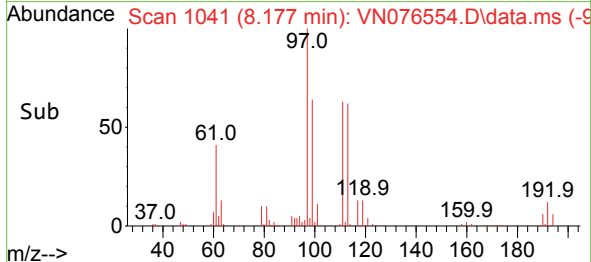
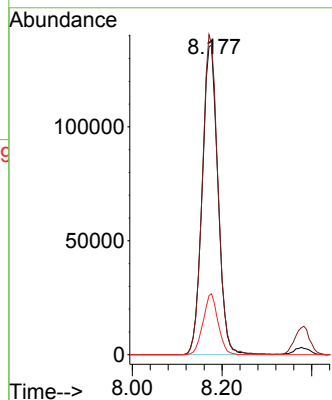
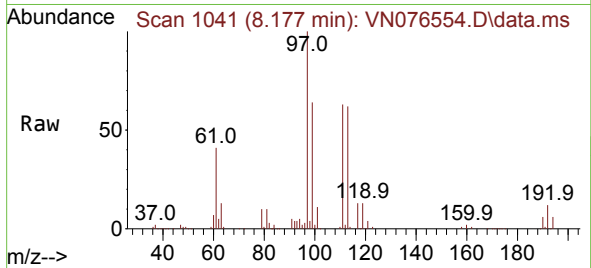




#35
Dibromofluoromethane
Concen: 52.039 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

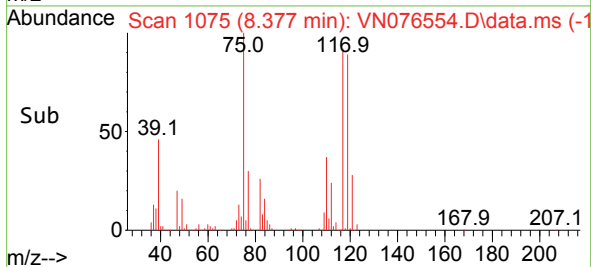
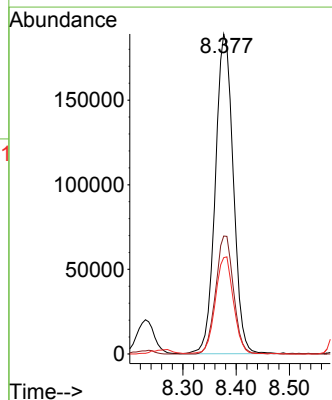
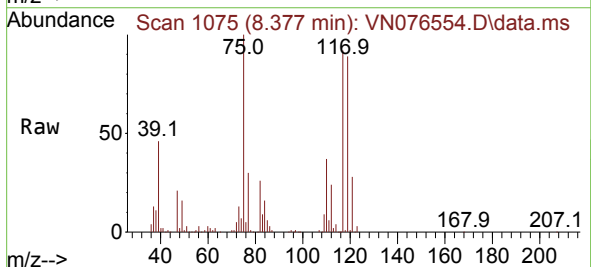
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

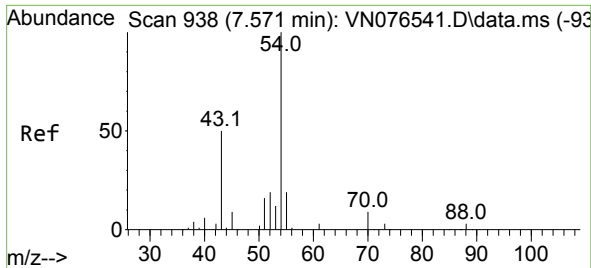
Tgt Ion:113 Resp: 330669
Ion Ratio Lower Upper
113 100
111 102.0 81.5 122.3
192 18.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 48.713 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 75 Resp: 442284
Ion Ratio Lower Upper
75 100
110 36.7 18.6 55.6
77 30.9 25.3 37.9

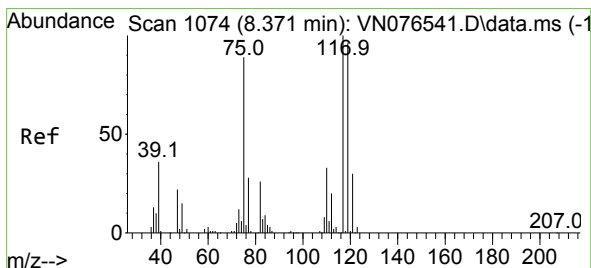
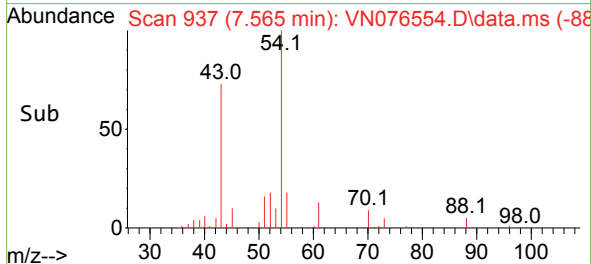
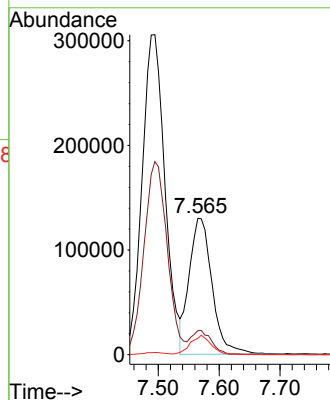
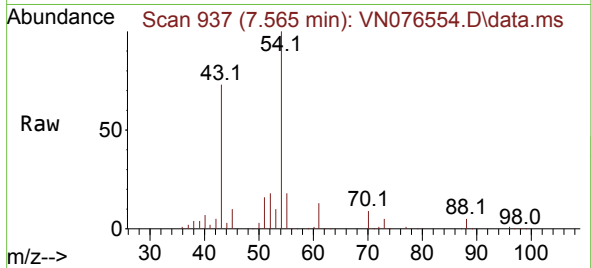




#37
Ethyl Acetate
Concen: 46.998 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

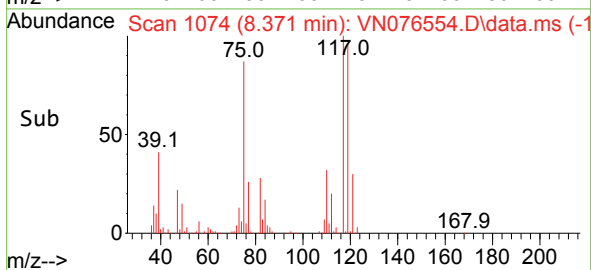
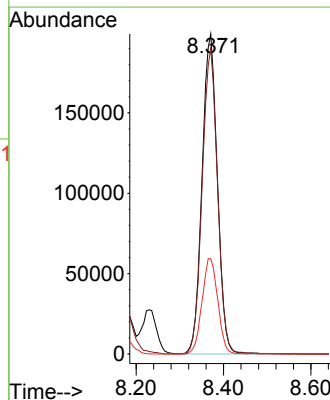
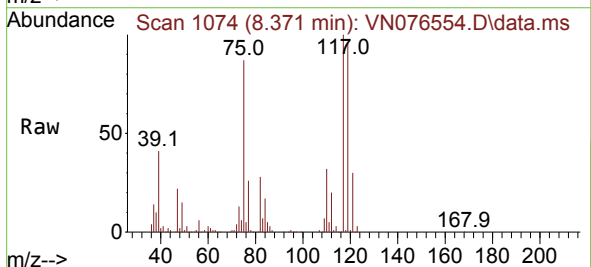
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

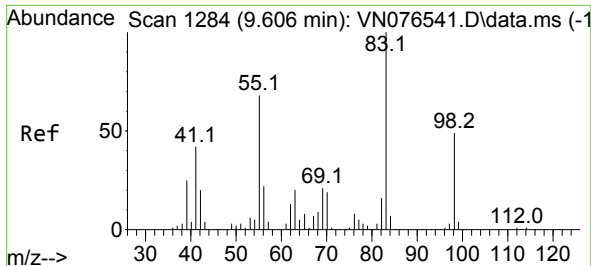
Tgt Ion: 43 Resp: 340358
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 12.9 10.2 15.4



#38
Carbon Tetrachloride
Concen: 49.187 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 117 Resp: 486584
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 29.7 24.2 36.4





#39

Methylcyclohexane

Concen: 51.695 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

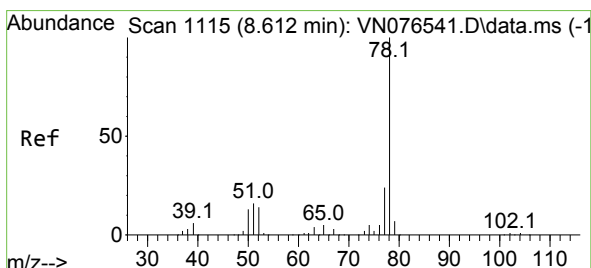
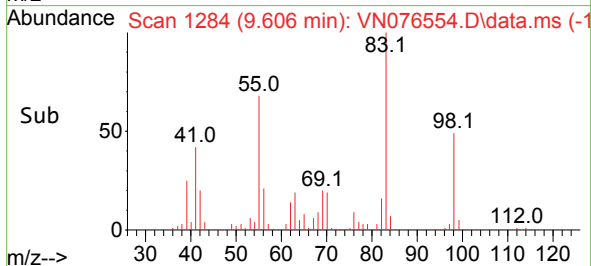
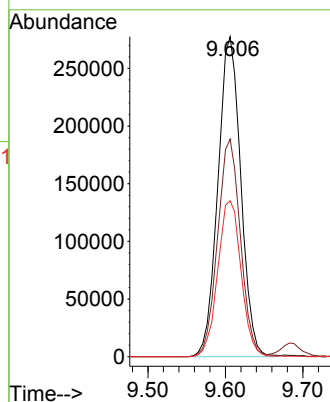
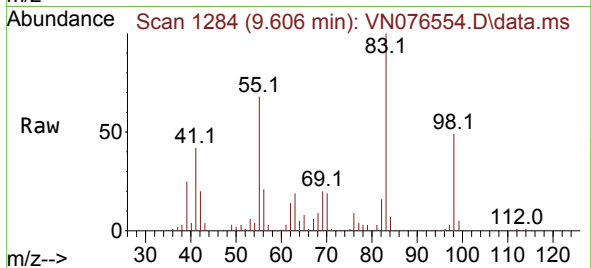
Tgt Ion: 83 Resp: 569348

Ion Ratio Lower Upper

83 100

55 68.0 54.1 81.1

98 48.7 39.5 59.3



#40

Benzene

Concen: 48.628 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076554.D

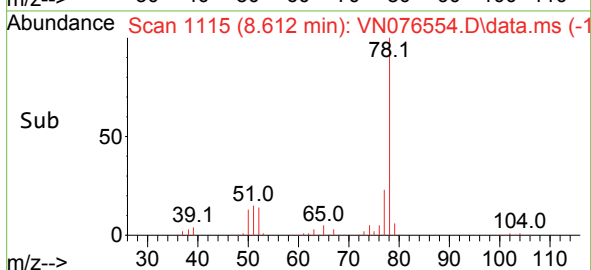
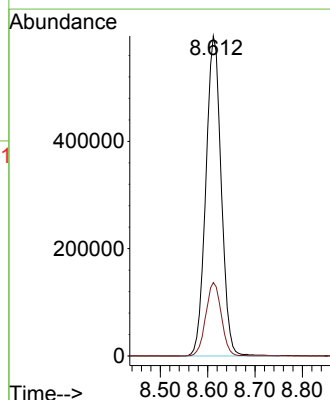
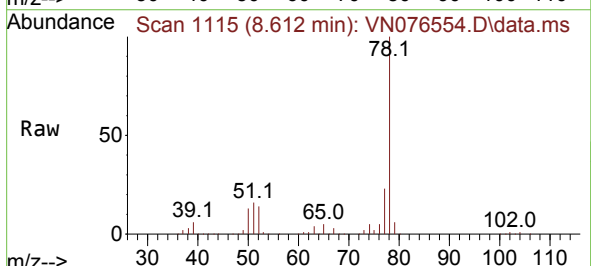
Acq: 06 Feb 2023 20:12

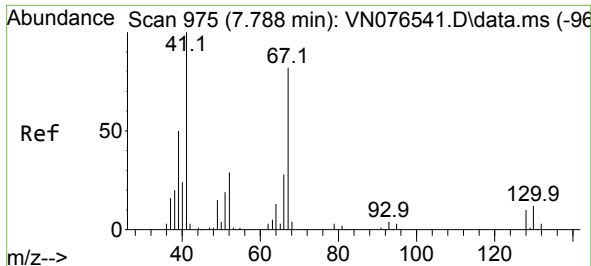
Tgt Ion: 78 Resp: 1344115

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

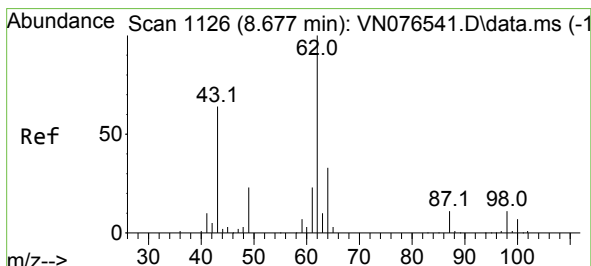
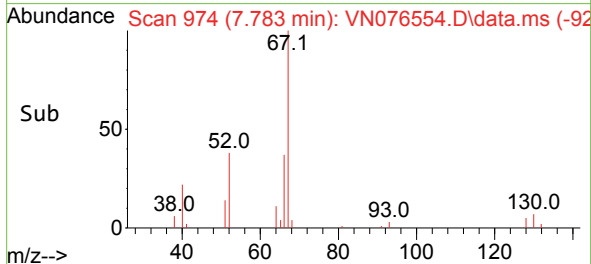
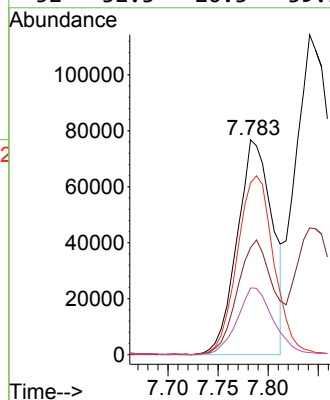
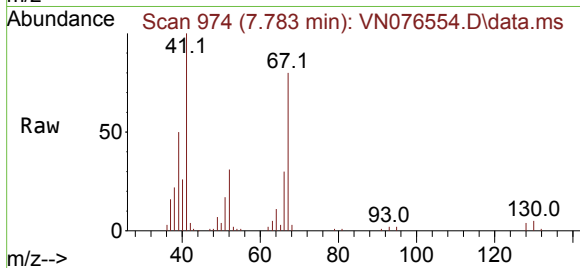




#41
Methacrylonitrile
Concen: 48.540 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

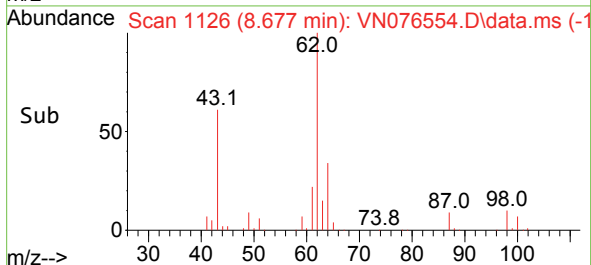
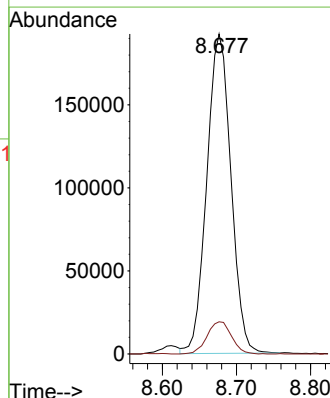
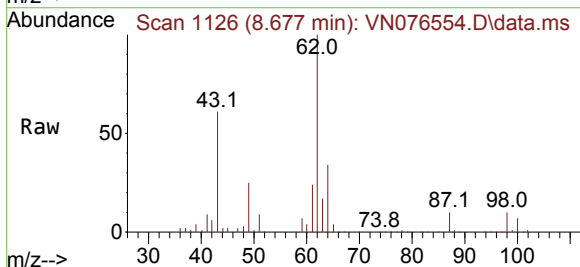
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

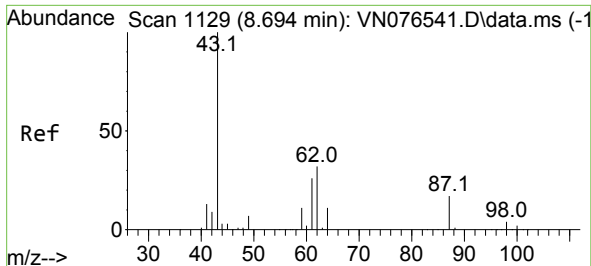
Tgt Ion: 41 Resp: 187731
Ion Ratio Lower Upper
41 100
39 56.1 45.0 67.4
67 87.3 70.0 105.0
52 32.3 26.3 39.5



#42
1,2-Dichloroethane
Concen: 47.421 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 62 Resp: 435589
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.0

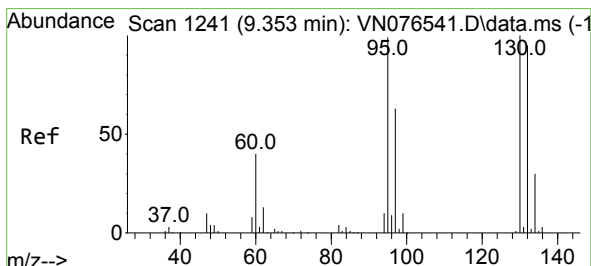
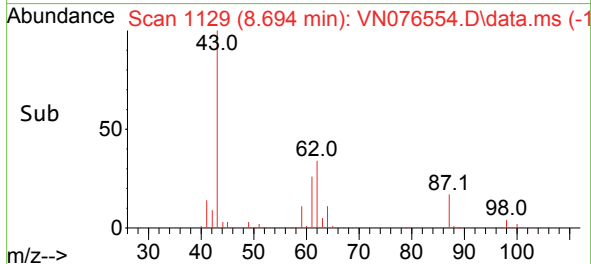
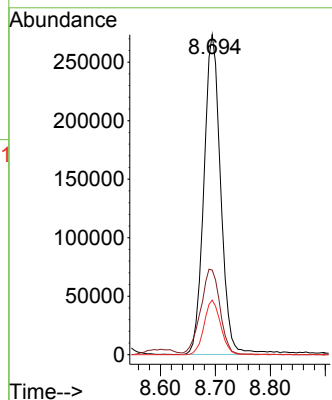
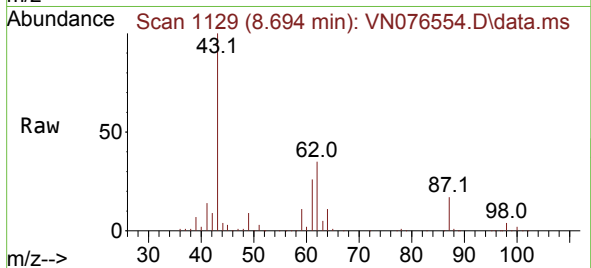




#43
Isopropyl Acetate
Concen: 49.400 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

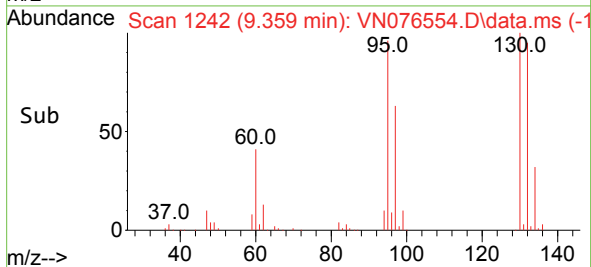
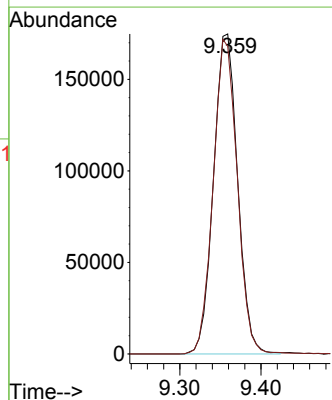
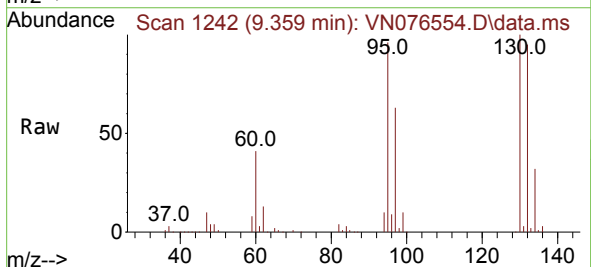
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

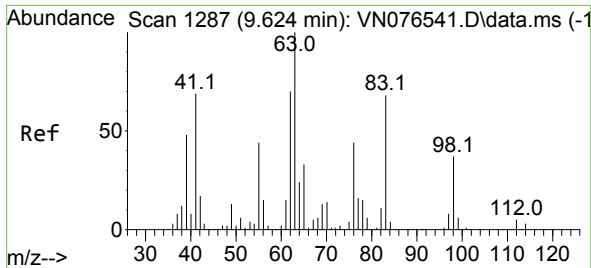
Tgt Ion: 43 Resp: 581799
Ion Ratio Lower Upper
43 100
61 30.9 24.6 36.8
87 16.8 13.3 19.9



#44
Trichloroethene
Concen: 48.799 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion:130 Resp: 360621
Ion Ratio Lower Upper
130 100
95 96.2 0.0 197.6

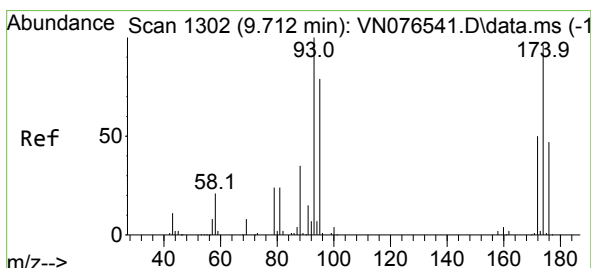
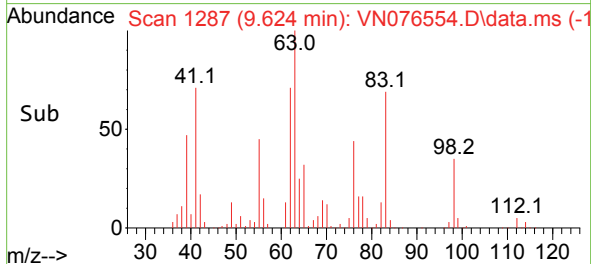
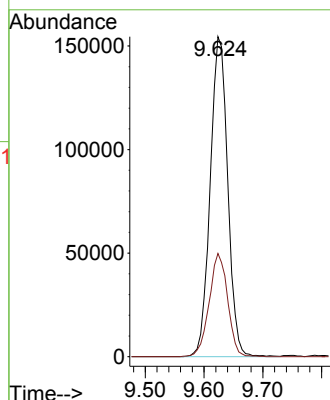
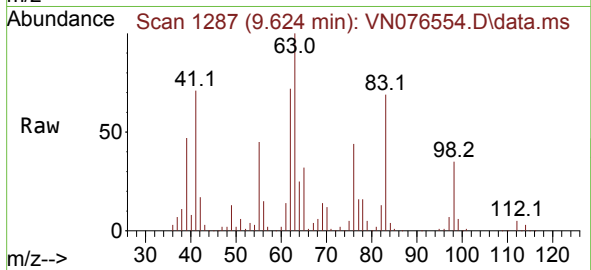




#45
1,2-Dichloropropane
Concen: 47.628 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

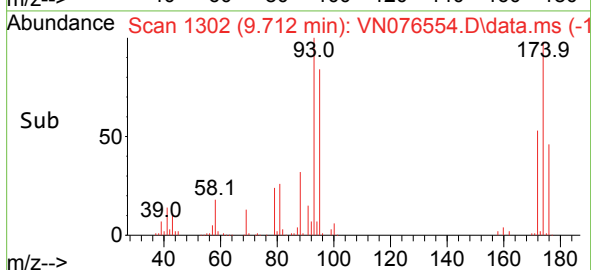
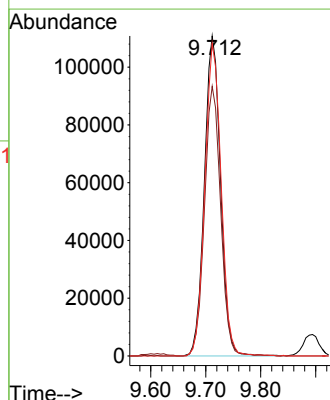
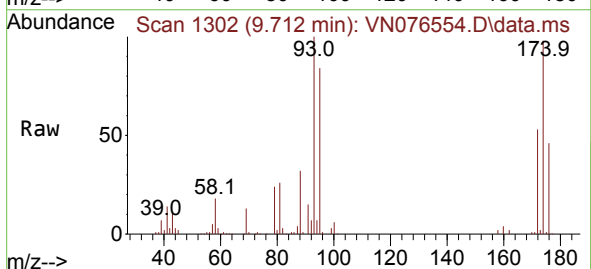
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

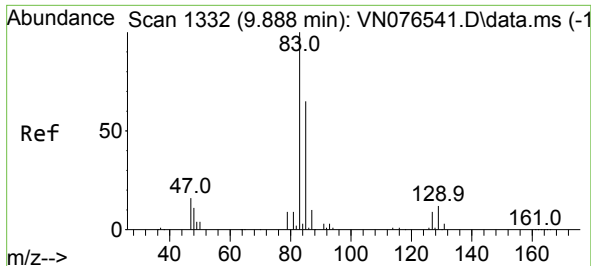
Tgt Ion: 63 Resp: 319387
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.4



#46
Dibromomethane
Concen: 47.112 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 93 Resp: 226560
Ion Ratio Lower Upper
93 100
95 84.5 66.2 99.2
174 98.5 78.4 117.6





#47

Bromodichloromethane

Concen: 49.479 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

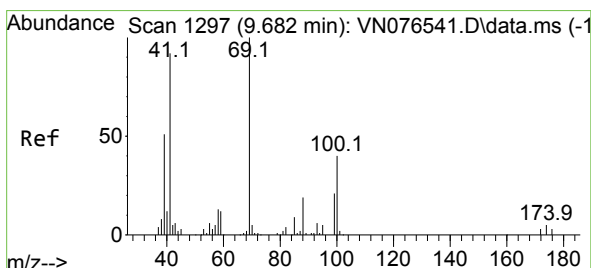
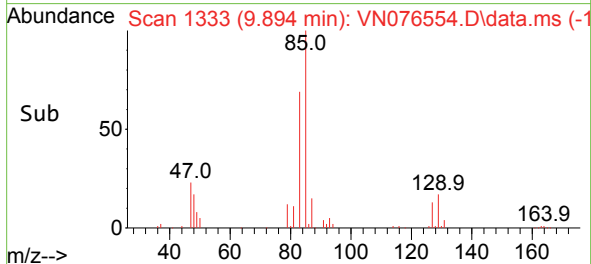
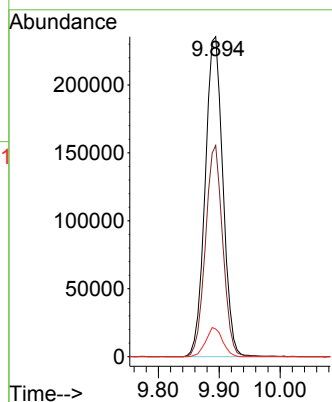
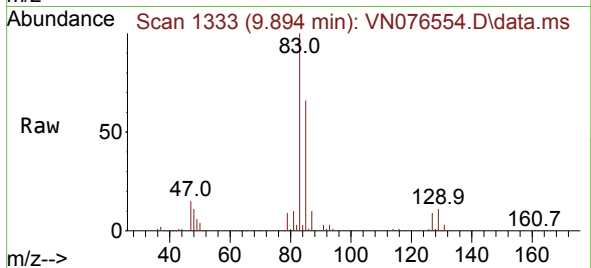
Tgt Ion: 83 Resp: 476169

Ion Ratio Lower Upper

83 100

85 66.0 52.0 78.0

127 8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 49.957 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

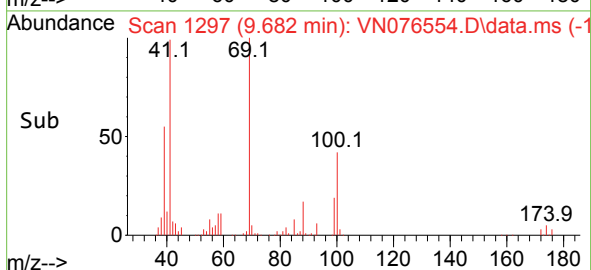
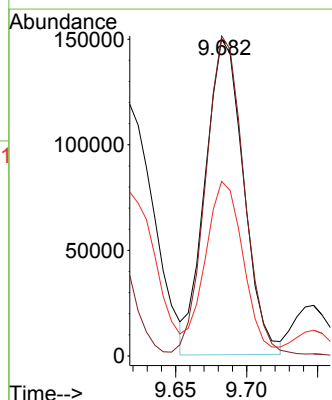
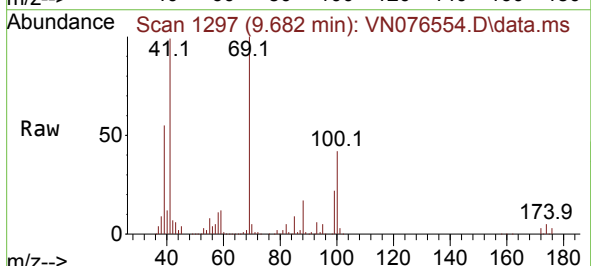
Tgt Ion: 41 Resp: 281036

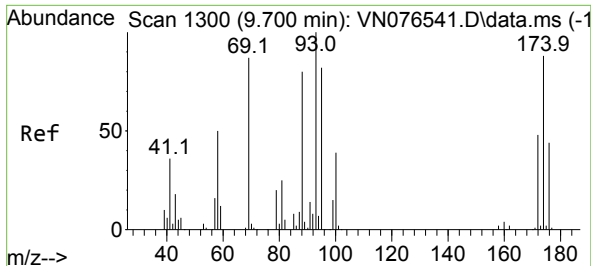
Ion Ratio Lower Upper

41 100

69 101.8 82.0 123.0

39 55.2 45.0 67.4





#49

1,4-Dioxane

Concen: 862.410 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

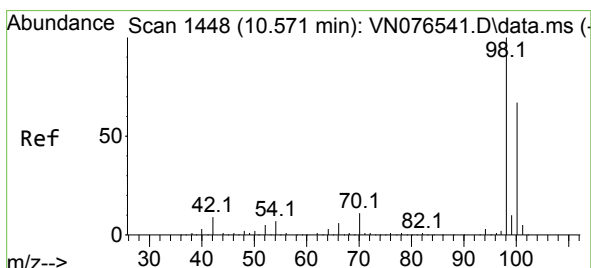
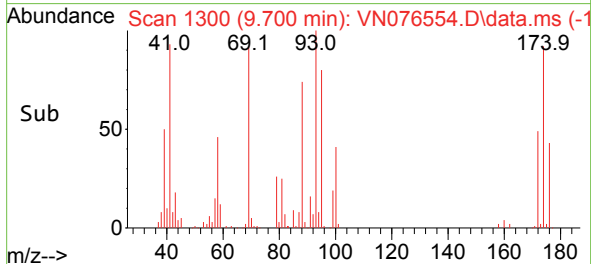
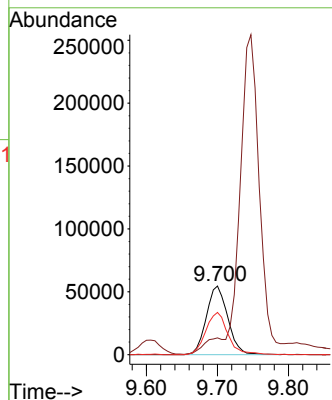
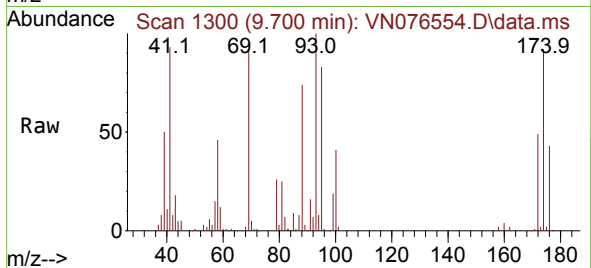
Tgt Ion: 88 Resp: 114284

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 64.1 51.1 76.7



#50

Toluene-d8

Concen: 53.077 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076554.D

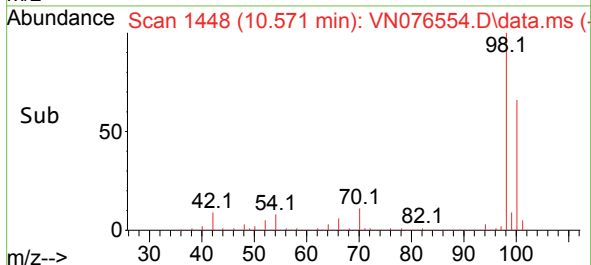
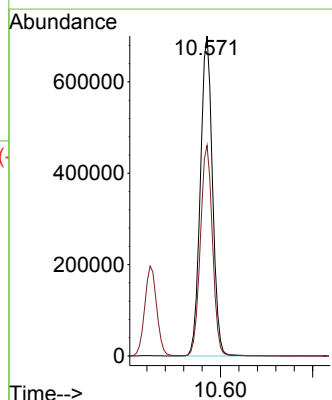
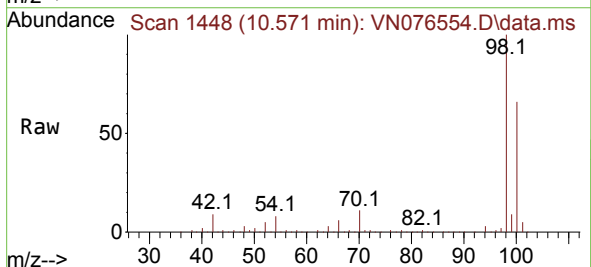
Acq: 06 Feb 2023 20:12

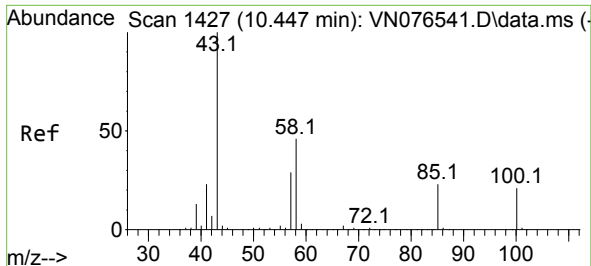
Tgt Ion: 98 Resp: 1281376

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 237.319 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

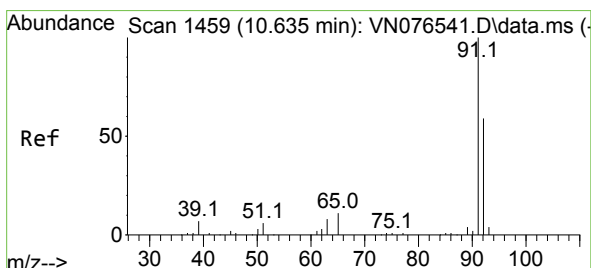
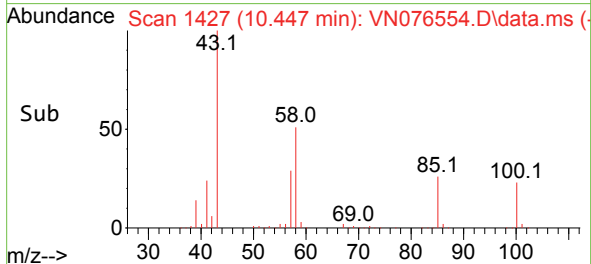
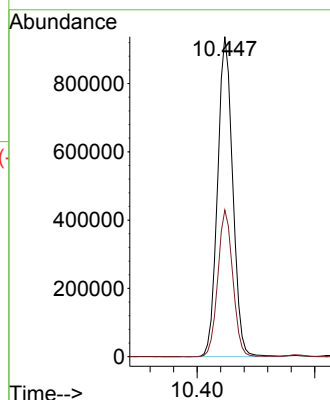
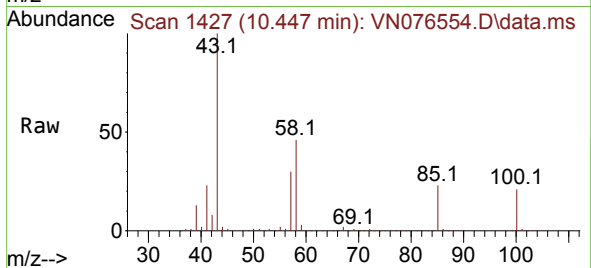
VSTDCCC050EC

Tgt Ion: 43 Resp: 1675083

Ion Ratio Lower Upper

43 100

58 45.3 36.4 54.6



#52

Toluene

Concen: 50.233 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN076554.D

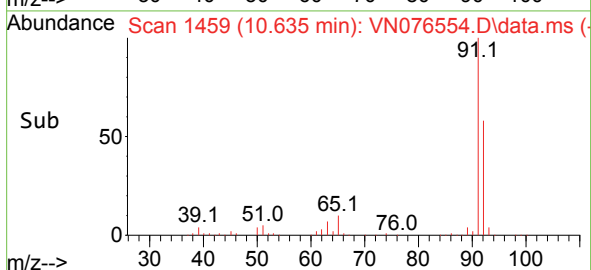
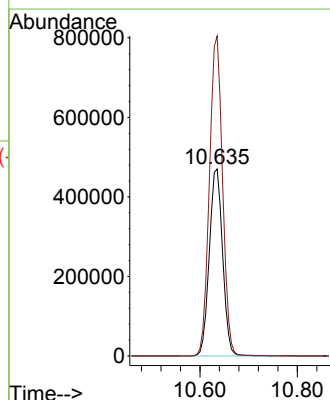
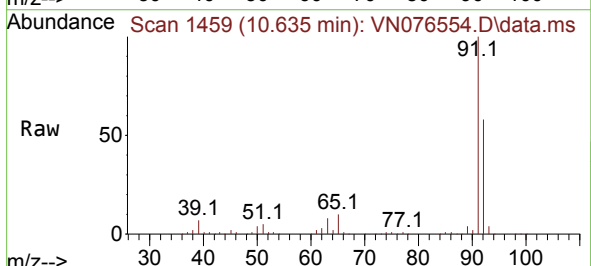
Acq: 06 Feb 2023 20:12

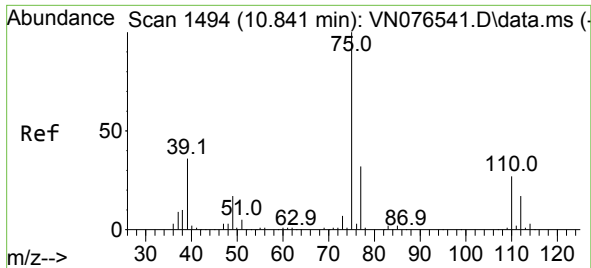
Tgt Ion: 92 Resp: 886176

Ion Ratio Lower Upper

92 100

91 169.6 136.8 205.2

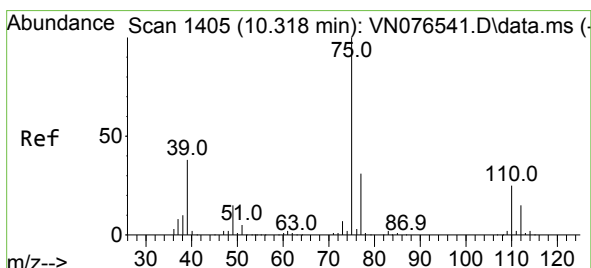
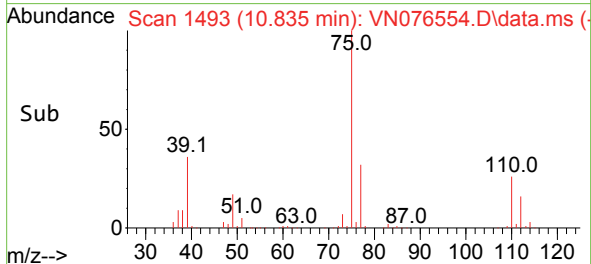
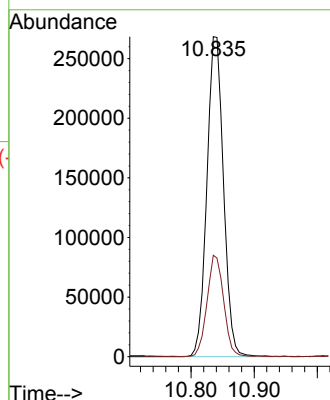
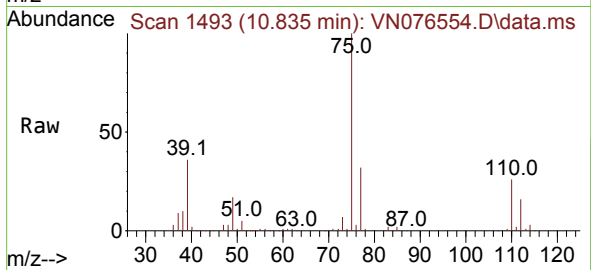




#53
 t-1,3-Dichloropropene
 Concen: 52.543 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

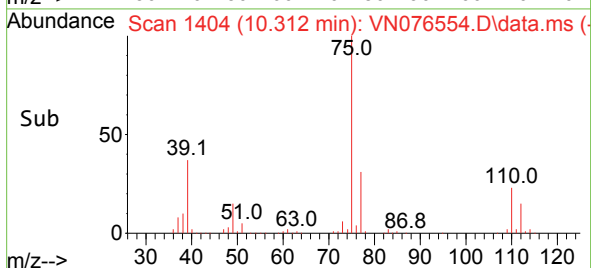
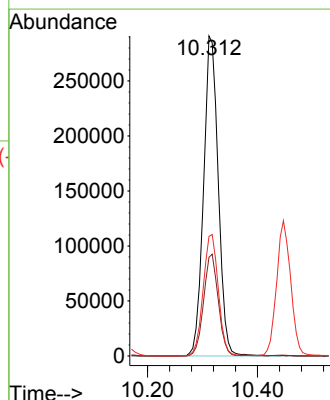
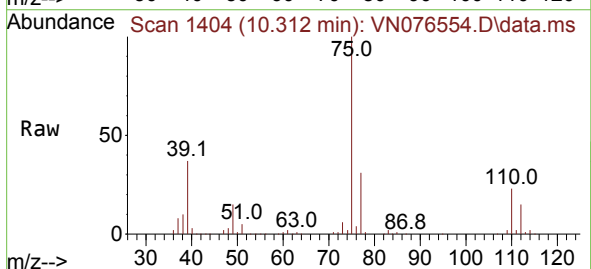
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

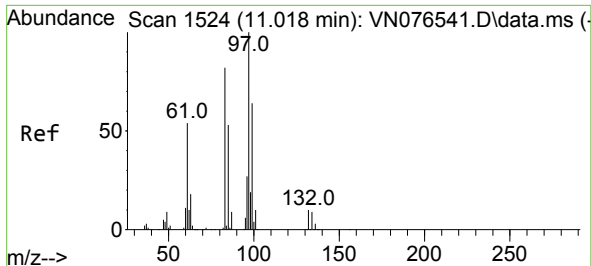
Tgt Ion: 75 Resp: 489428
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.316 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

Tgt Ion: 75 Resp: 539298
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.1 37.7
 39 37.4 30.6 45.8



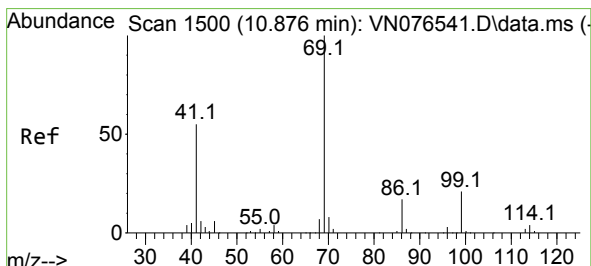
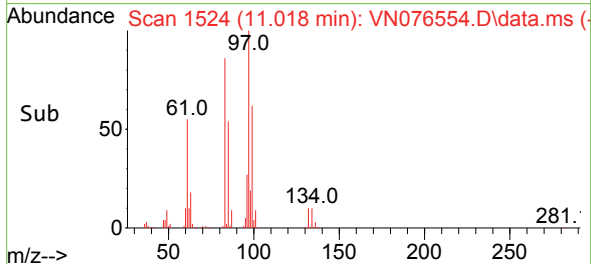
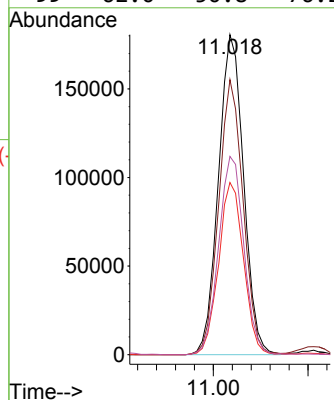
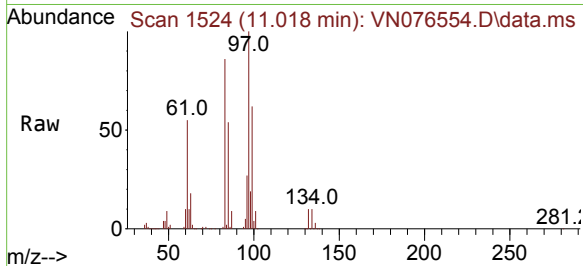


#55
1,1,2-Trichloroethane
Concen: 48.227 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 333014

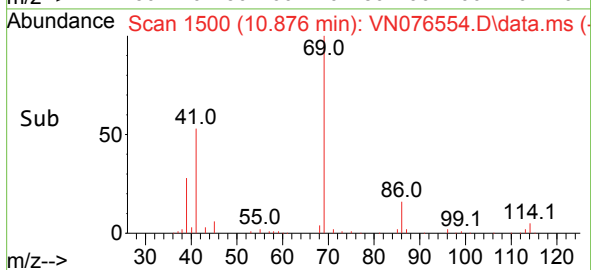
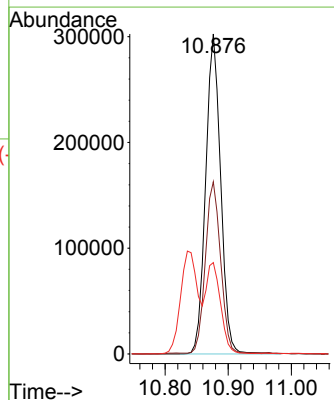
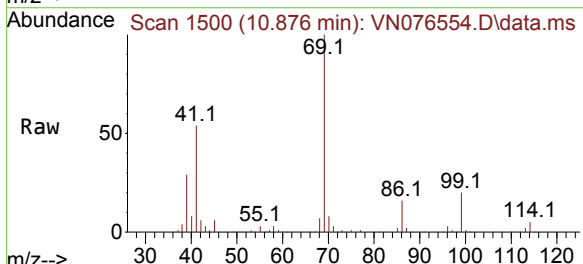
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.8	98.6
85	53.8	42.3	63.5
99	62.0	50.8	76.2

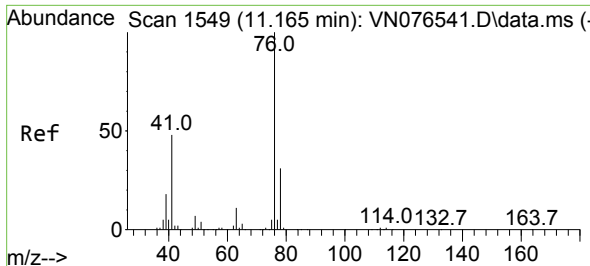


#56
Ethyl methacrylate
Concen: 53.818 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 69 Resp: 498811

Ion	Ratio	Lower	Upper
69	100		
41	54.2	43.8	65.6
39	27.3	21.4	32.2





#57

1,3-Dichloropropane

Concen: 48.782 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

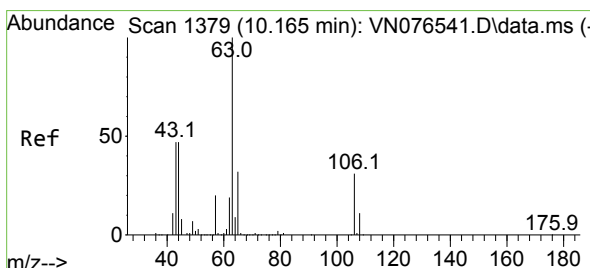
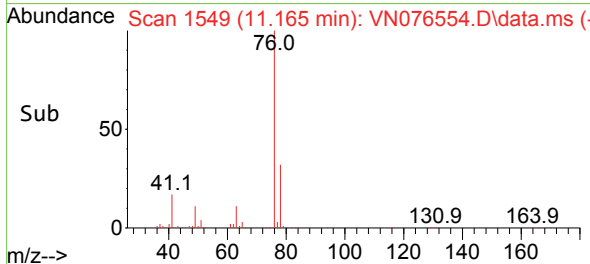
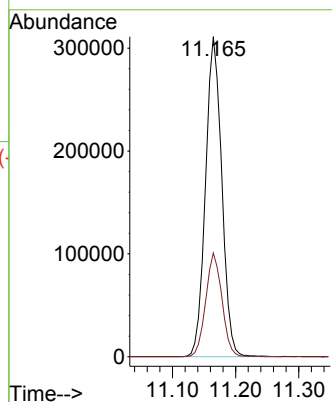
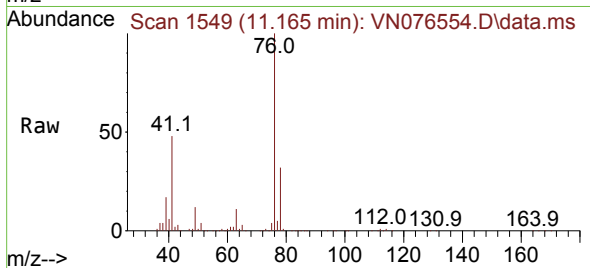
VSTDCCC050EC

Tgt Ion: 76 Resp: 555941

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 237.036 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076554.D

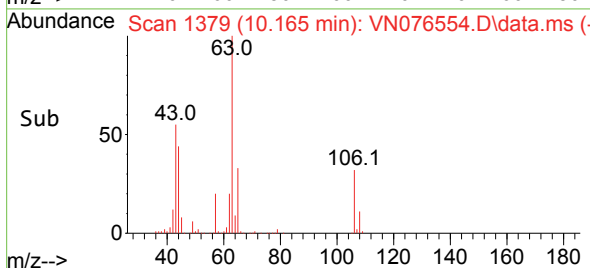
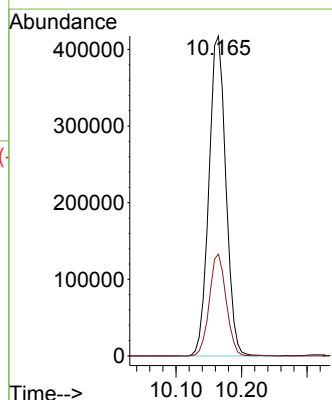
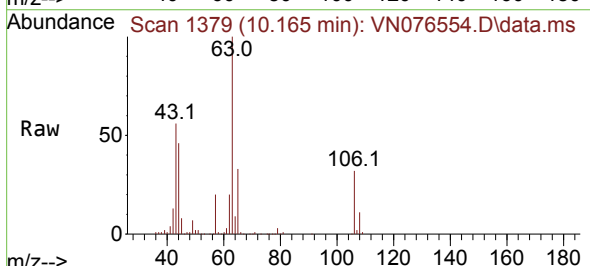
Acq: 06 Feb 2023 20:12

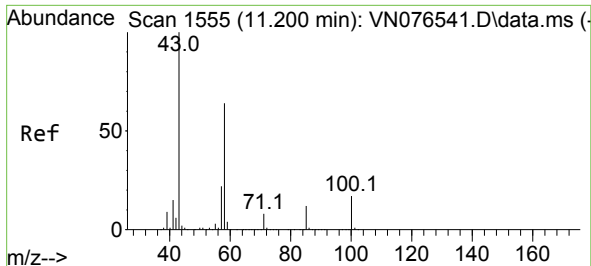
Tgt Ion: 63 Resp: 752334

Ion Ratio Lower Upper

63 100

106 31.5 25.0 37.6

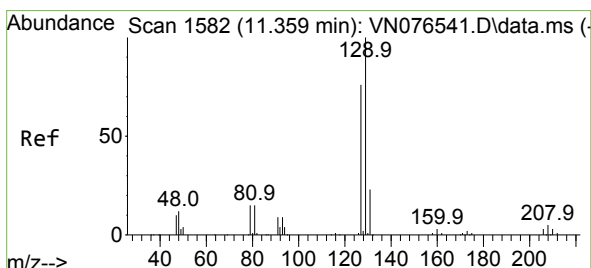
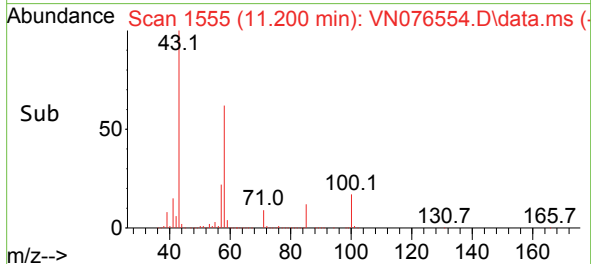
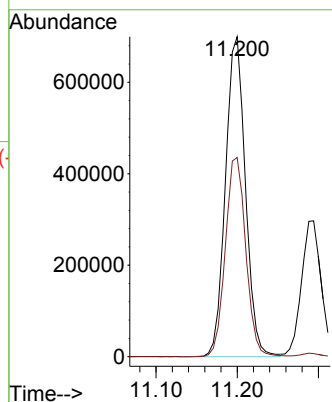
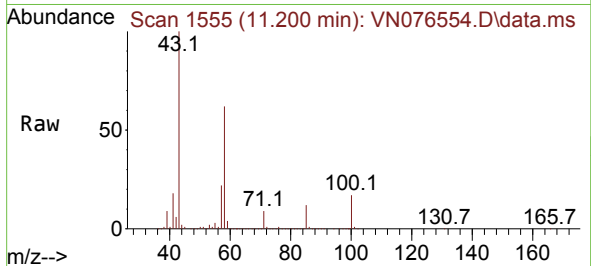




#59
2-Hexanone
Concen: 233.118 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

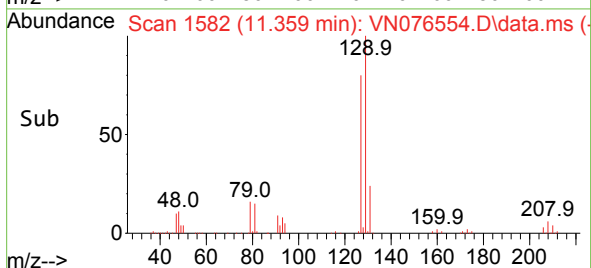
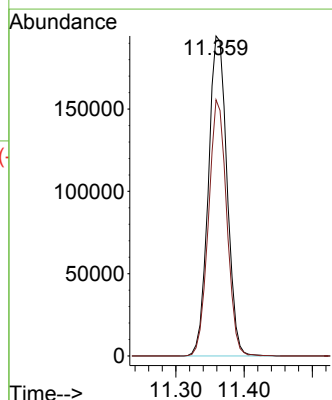
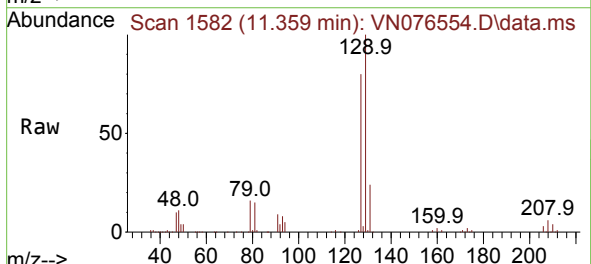
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

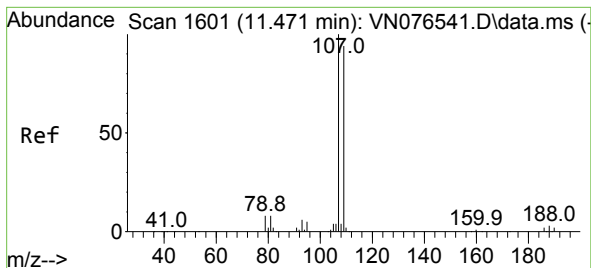
Tgt Ion: 43 Resp: 1195447
Ion Ratio Lower Upper
43 100
58 63.8 31.9 95.7



#60
Dibromochloromethane
Concen: 50.442 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 129 Resp: 370123
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3

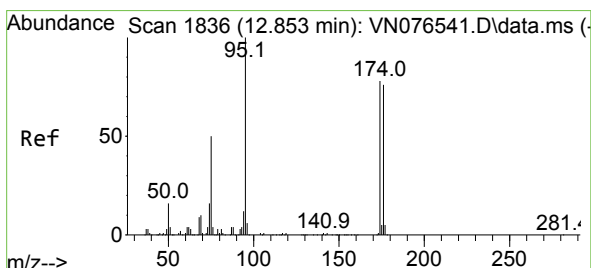
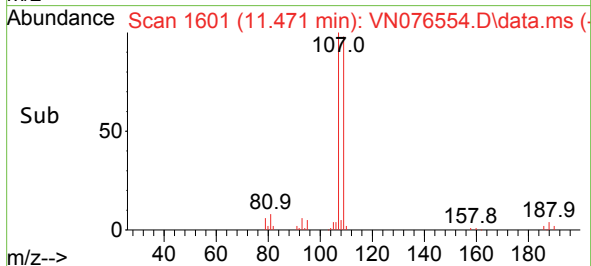
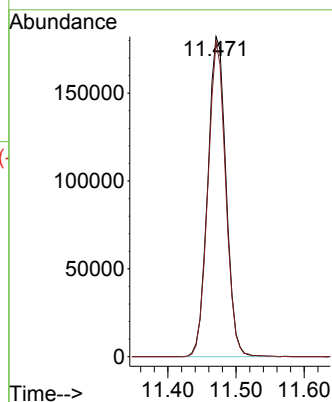
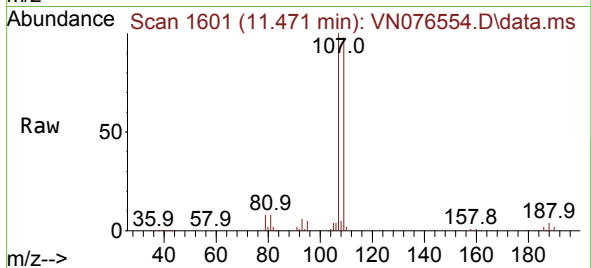




#61
1,2-Dibromoethane
Concen: 49.286 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

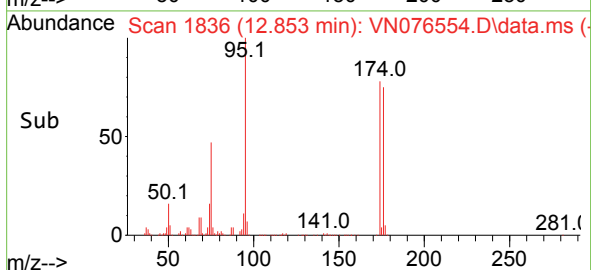
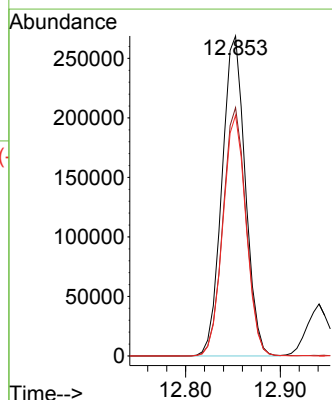
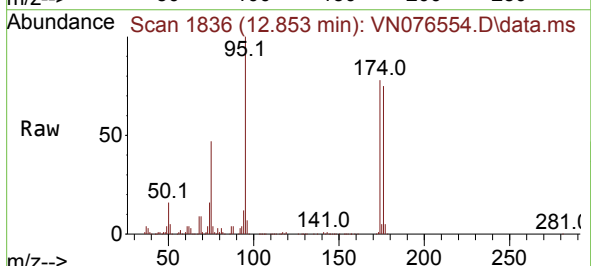
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

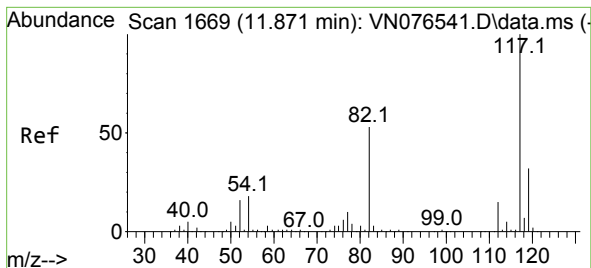
Tgt Ion:107 Resp: 339967
Ion Ratio Lower Upper
107 100
109 95.7 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 54.937 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 95 Resp: 459674
Ion Ratio Lower Upper
95 100
174 77.3 0.0 153.4
176 74.7 0.0 149.0

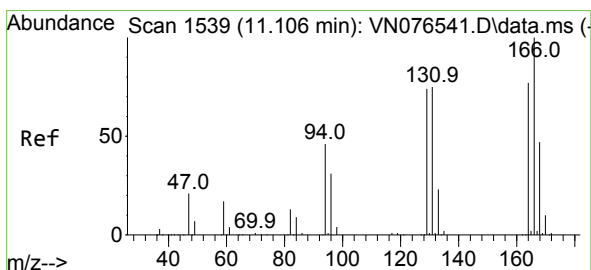
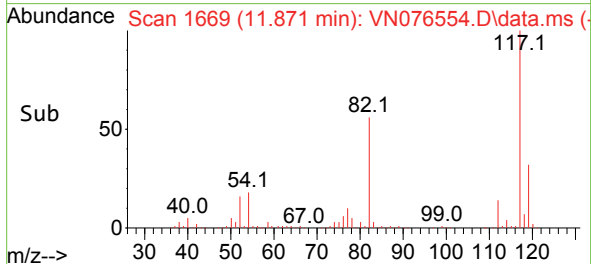
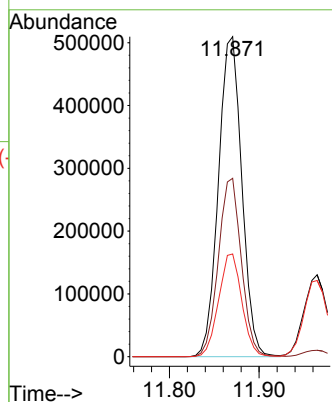
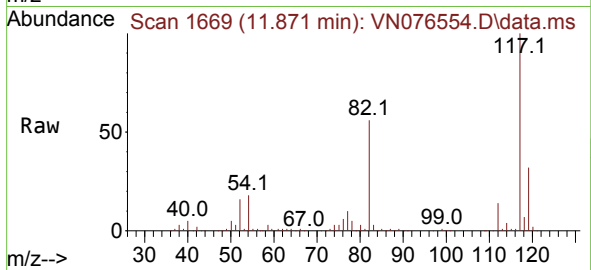




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

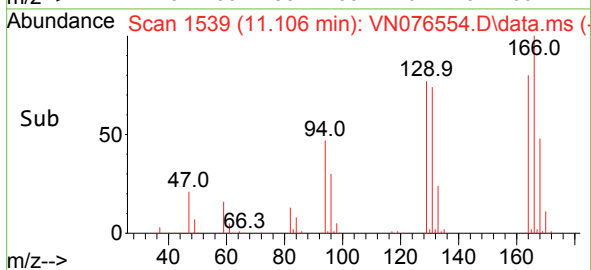
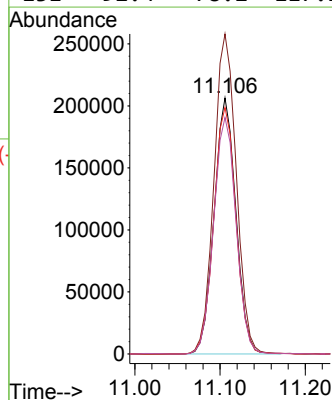
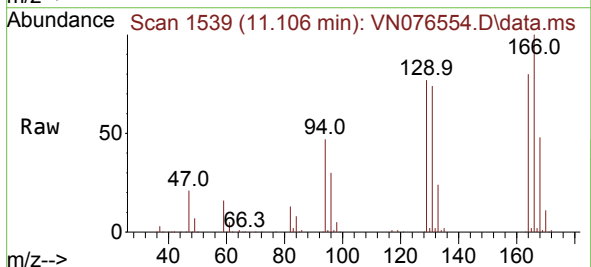
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

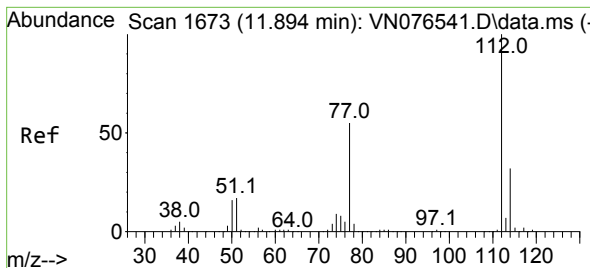
Tgt Ion:117 Resp: 921556
Ion Ratio Lower Upper
117 100
82 55.8 42.4 63.6
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 47.213 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion:164 Resp: 367287
Ion Ratio Lower Upper
164 100
166 125.0 104.3 156.5
129 96.2 77.7 116.5
131 92.4 78.2 117.2

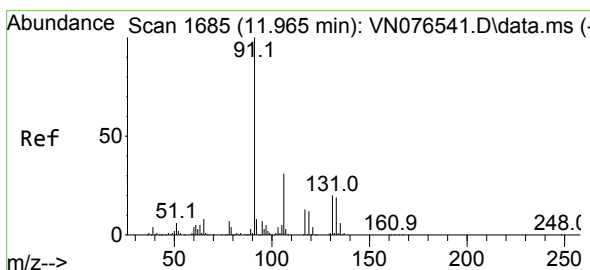
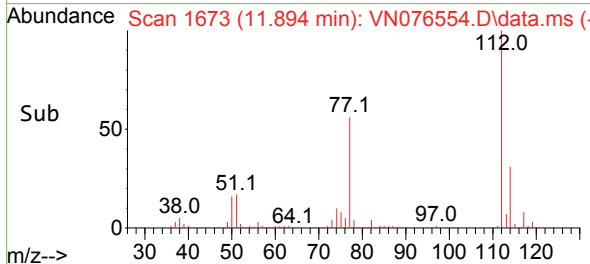
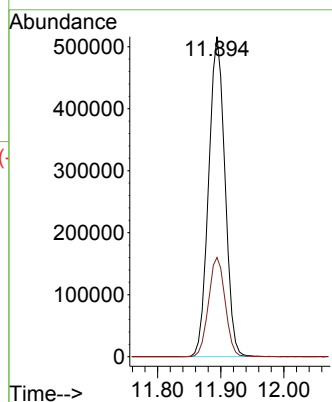
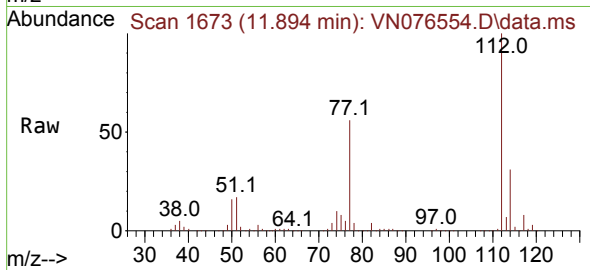




#65
Chlorobenzene
Concen: 48.647 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

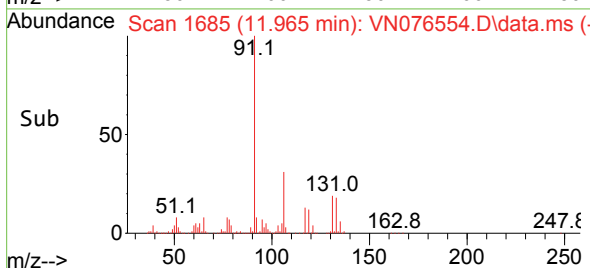
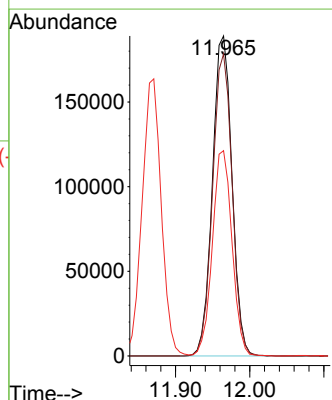
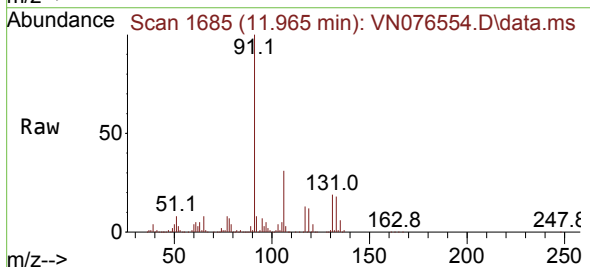
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

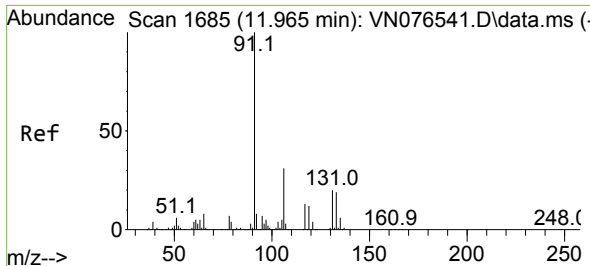
Tgt Ion:112 Resp: 927087
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.640 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion:131 Resp: 346693
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.5
119 64.4 31.6 94.7

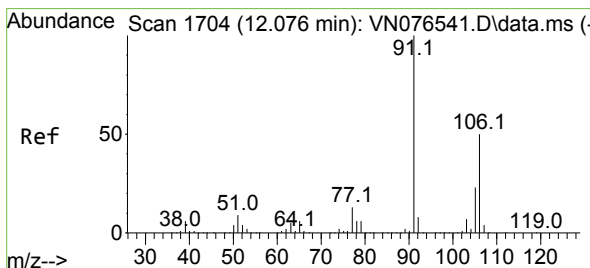
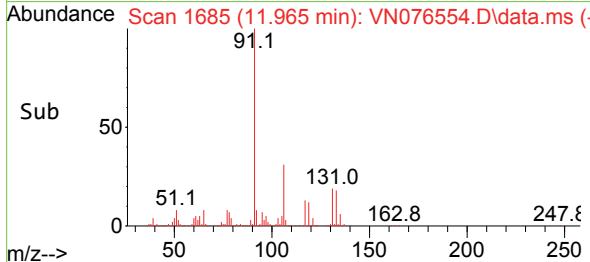
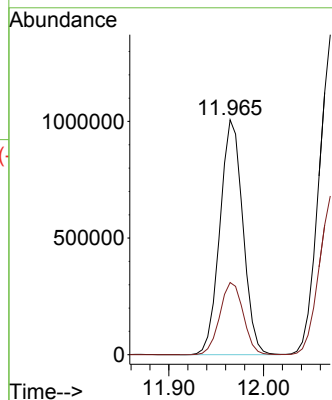
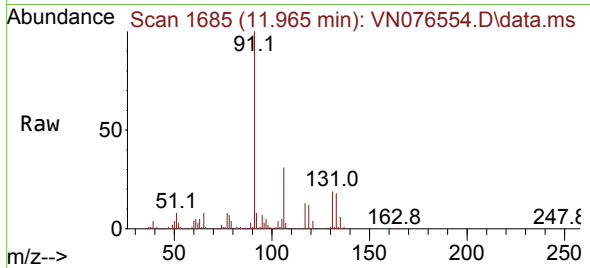




#67
Ethyl Benzene
Concen: 50.659 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

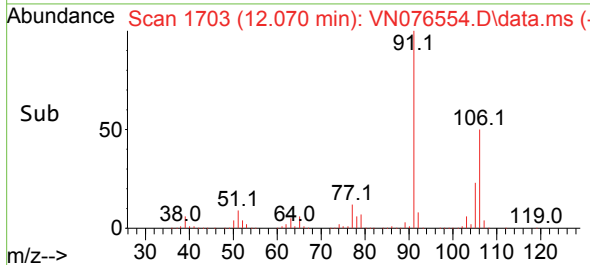
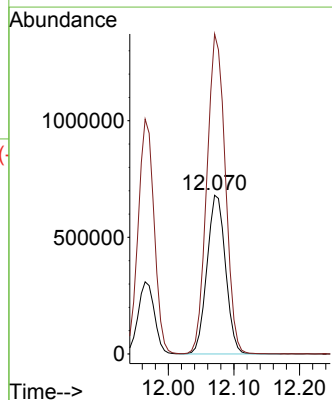
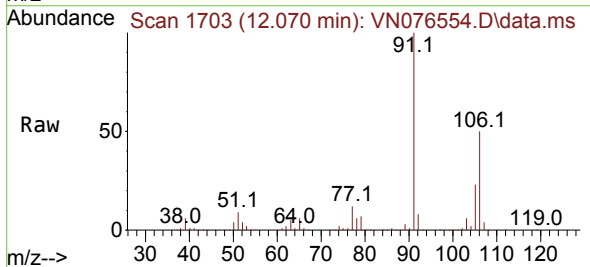
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

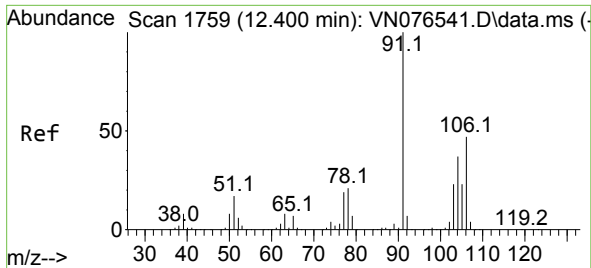
Tgt Ion: 91 Resp: 1699474
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 102.662 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion:106 Resp: 1335659
Ion Ratio Lower Upper
106 100
91 200.8 160.2 240.4

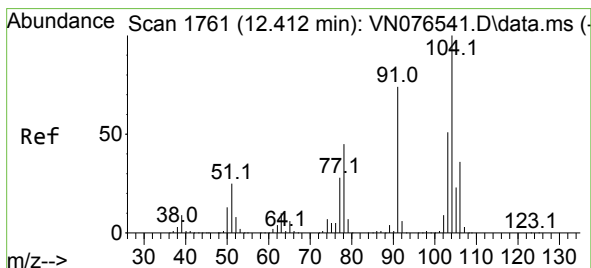
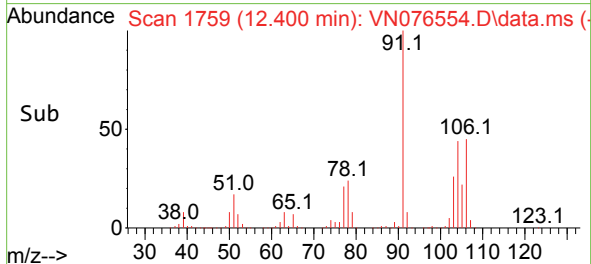
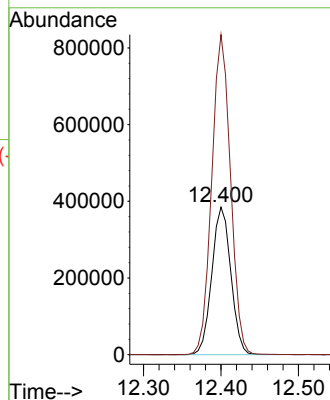
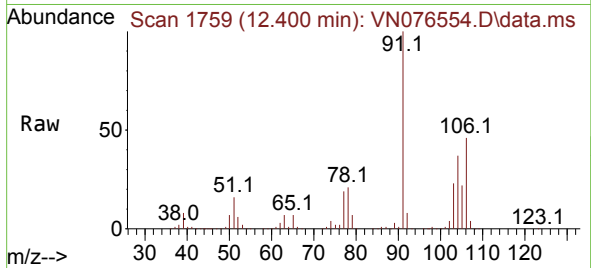




#69
o-Xylene
Concen: 51.314 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

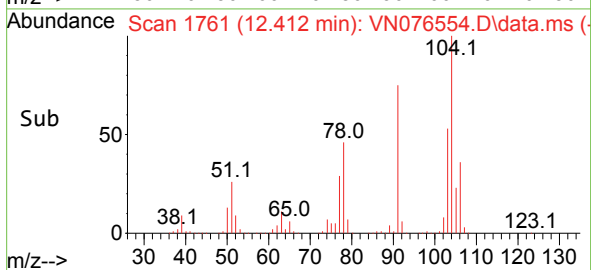
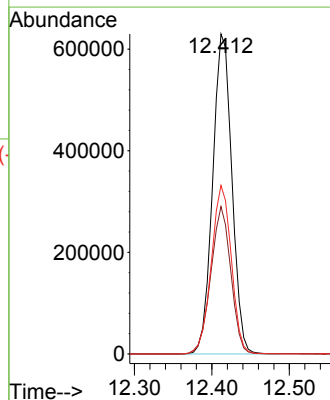
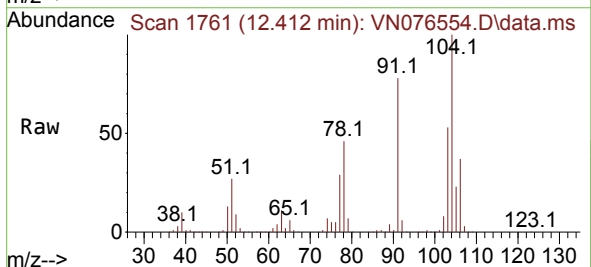
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

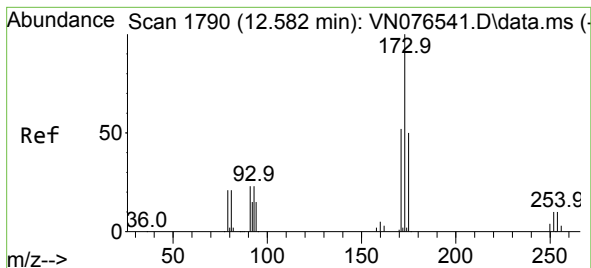
Tgt Ion:106 Resp: 656124
Ion Ratio Lower Upper
106 100
91 214.4 105.7 317.0



#70
Styrene
Concen: 53.400 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion:104 Resp: 1085915
Ion Ratio Lower Upper
104 100
78 47.9 38.6 58.0
103 54.9 43.6 65.4





#71

Bromoform

Concen: 52.072 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

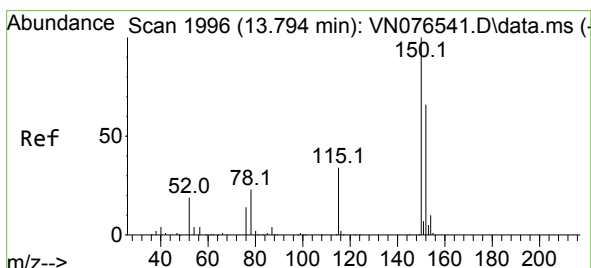
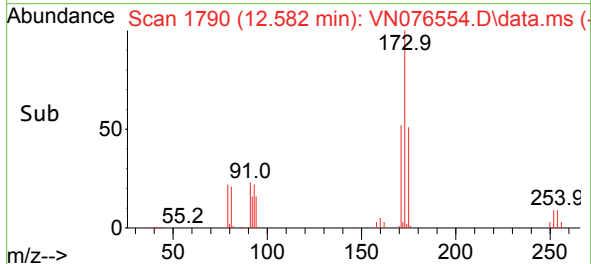
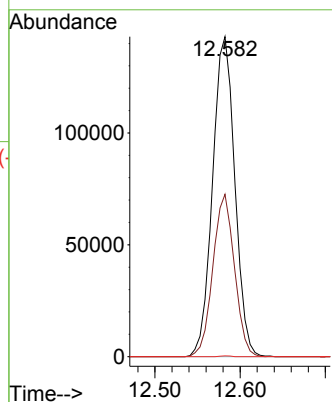
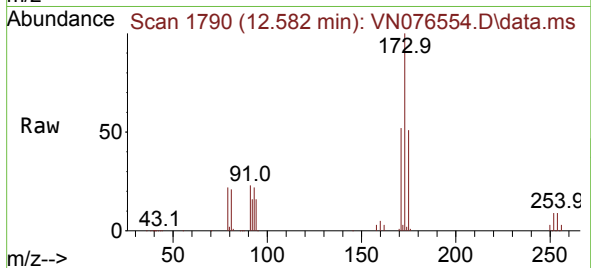
Tgt Ion:173 Resp: 259520

Ion Ratio Lower Upper

173 100

175 49.2 24.6 74.0

254 0.1 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: VN076554.D

Acq: 06 Feb 2023 20:12

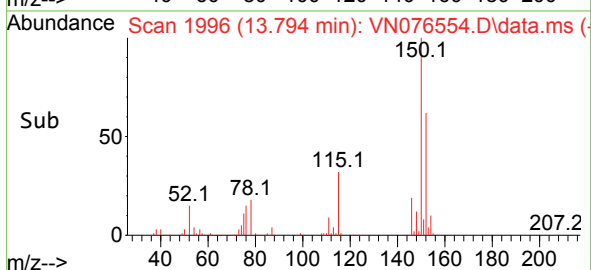
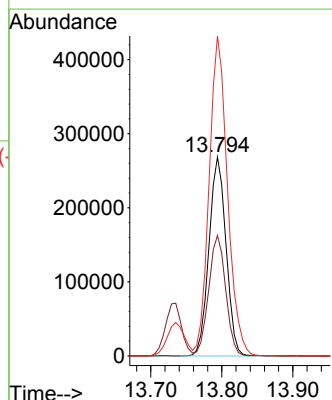
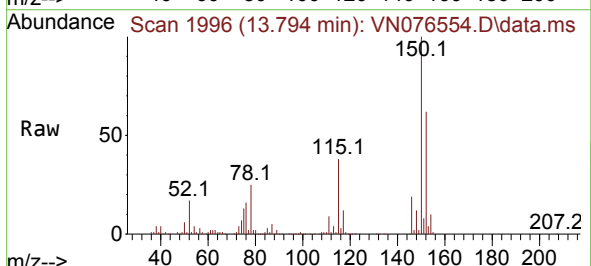
Tgt Ion:152 Resp: 448828

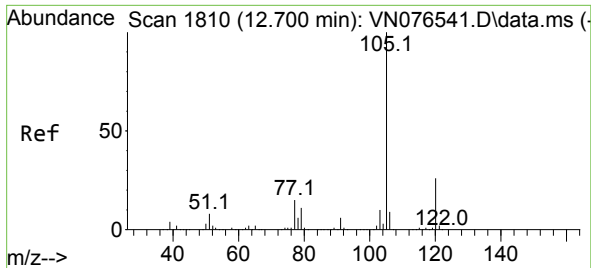
Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

150 172.7 0.0 352.0

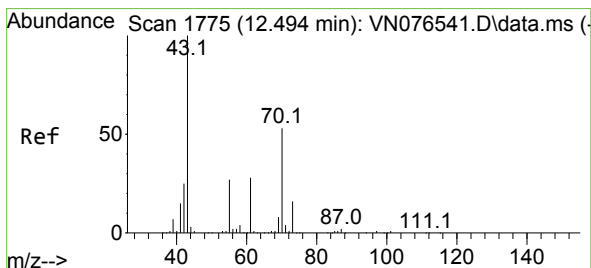
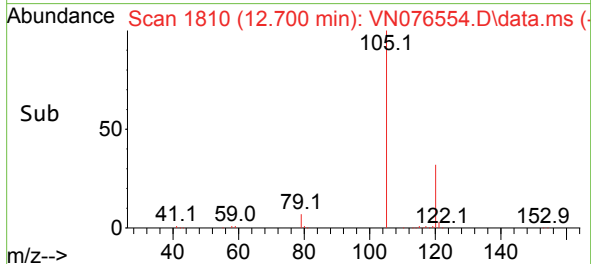
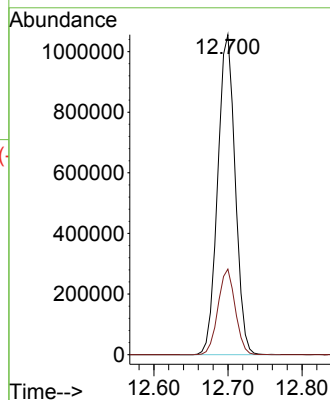
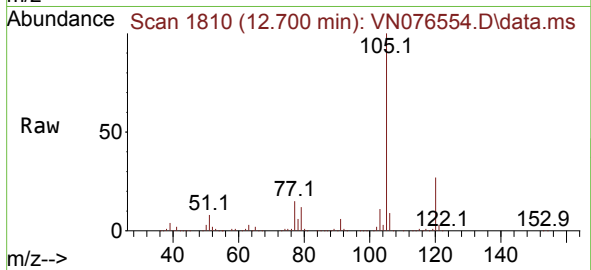




#73
Isopropylbenzene
Concen: 48.264 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

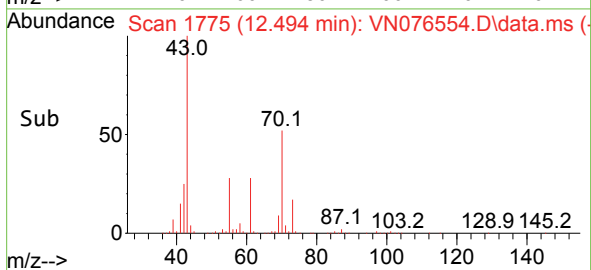
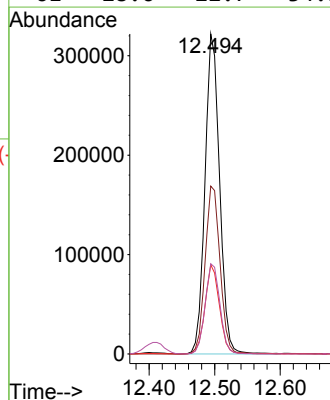
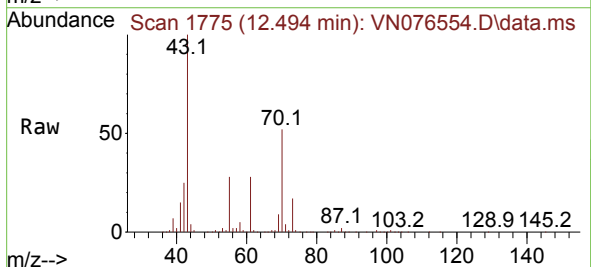
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

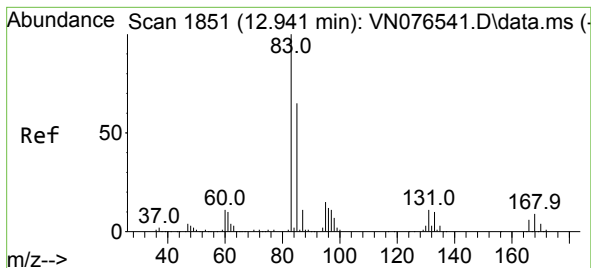
Tgt Ion:105 Resp: 1726684
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 48.018 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 43 Resp: 500725
Ion Ratio Lower Upper
43 100
70 53.7 42.6 64.0
55 27.5 22.3 33.5
61 28.6 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 43.280 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

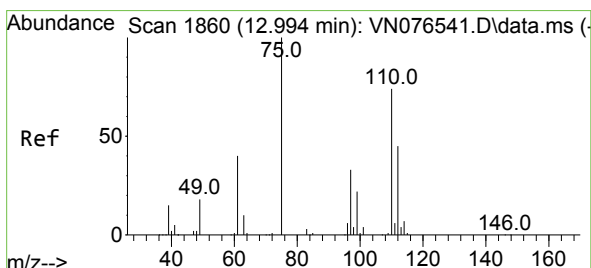
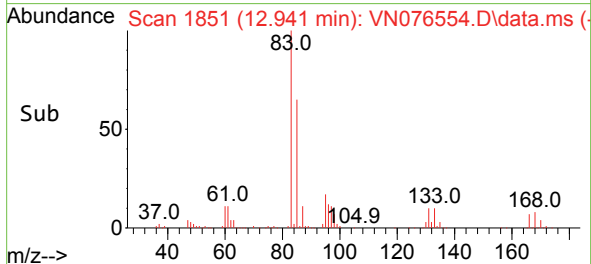
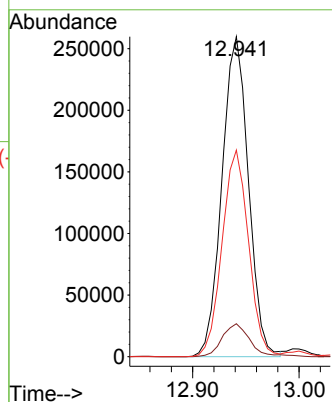
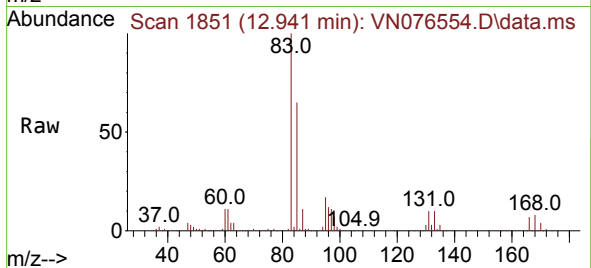
Tgt Ion: 83 Resp: 448758

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.7

85 64.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 62.559 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076554.D

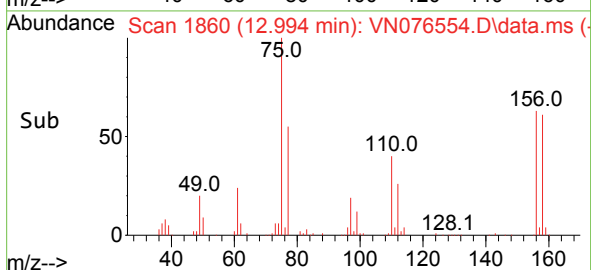
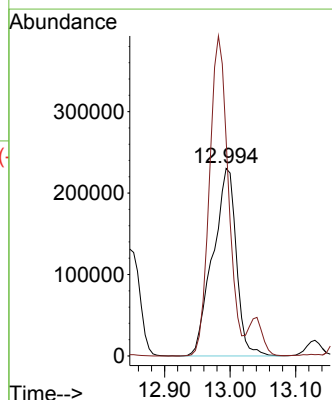
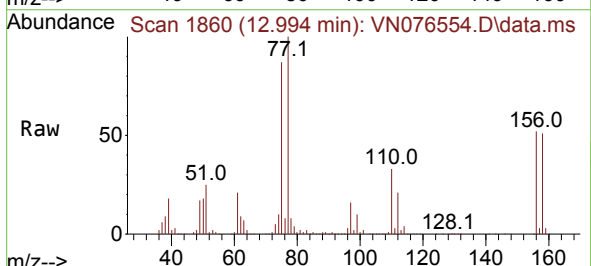
Acq: 06 Feb 2023 20:12

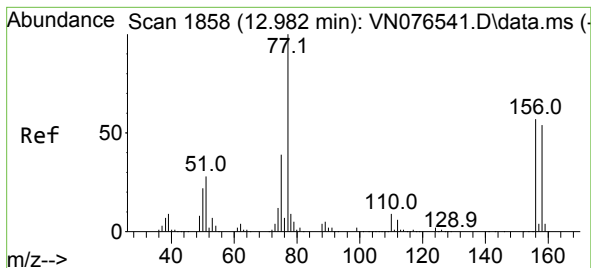
Tgt Ion: 75 Resp: 572706

Ion Ratio Lower Upper

75 100

77 137.3 86.8 260.3





#77

Bromobenzene

Concen: 46.389 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

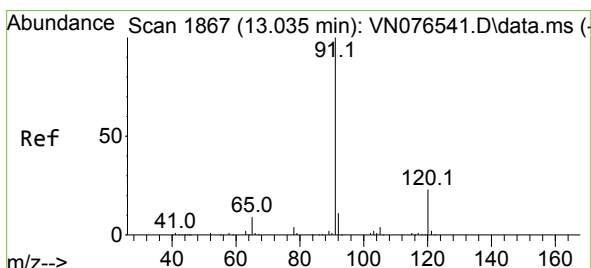
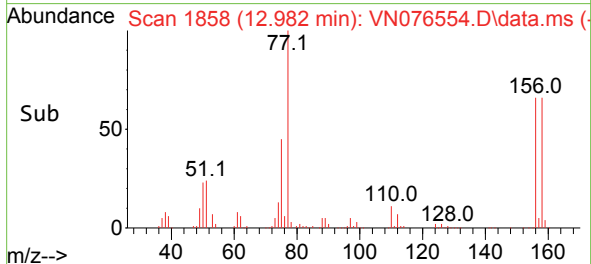
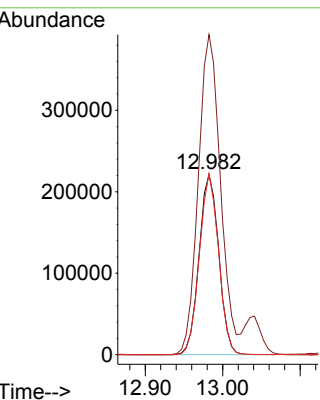
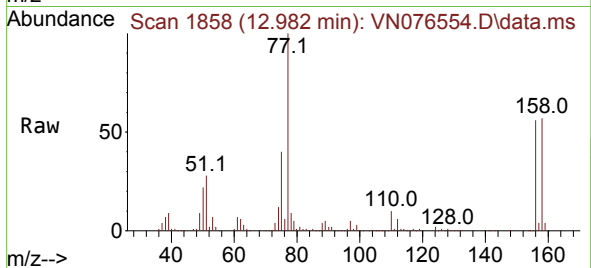
Tgt Ion:156 Resp: 390472

Ion Ratio Lower Upper

156 100

77 201.3 101.2 303.6

158 97.7 48.5 145.6



#78

n-propylbenzene

Concen: 49.881 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN076554.D

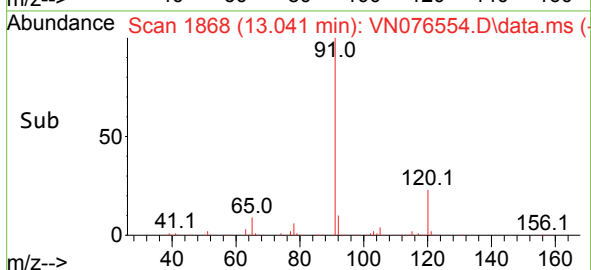
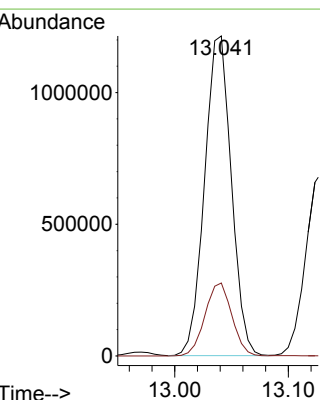
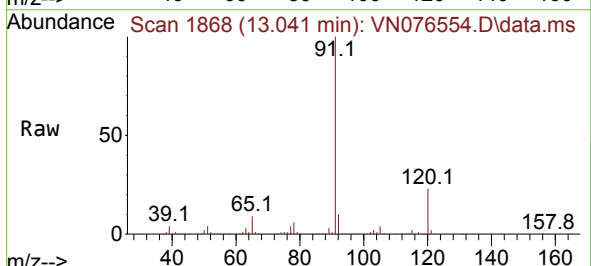
Acq: 06 Feb 2023 20:12

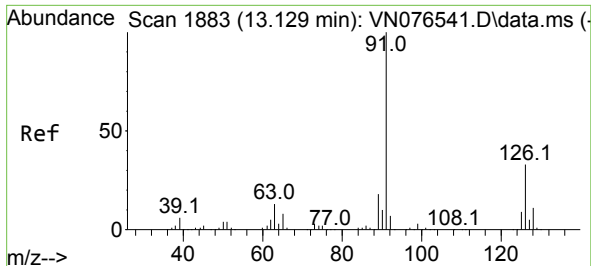
Tgt Ion: 91 Resp: 1985577

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5

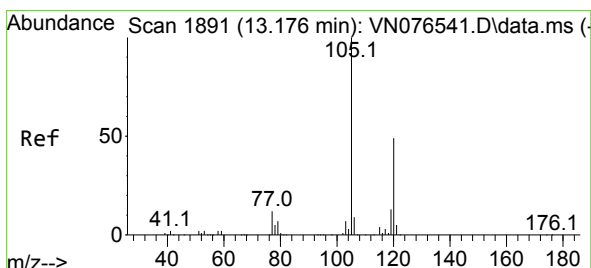
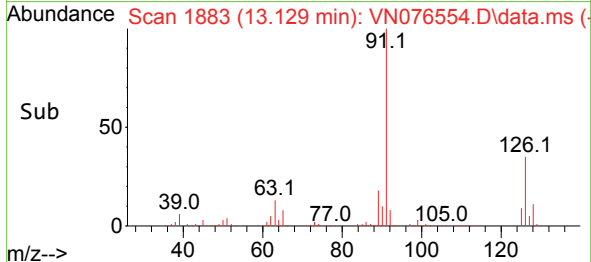
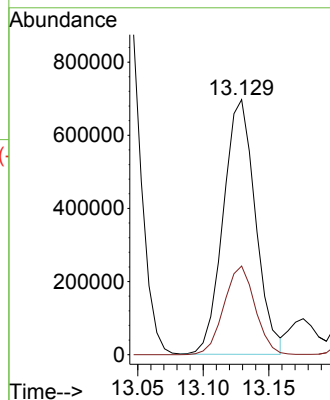
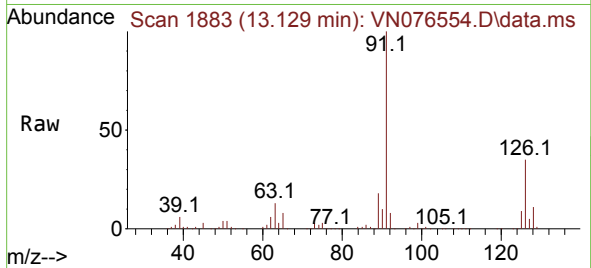




#79
2-Chlorotoluene
Concen: 47.195 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

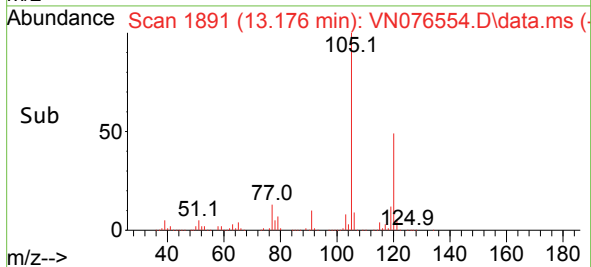
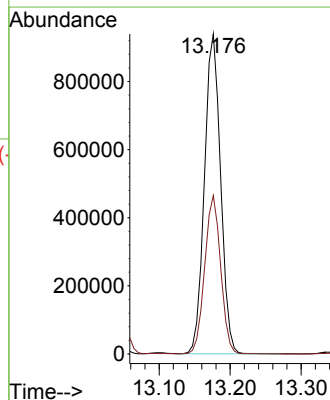
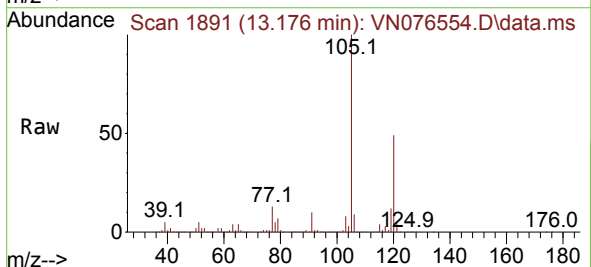
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

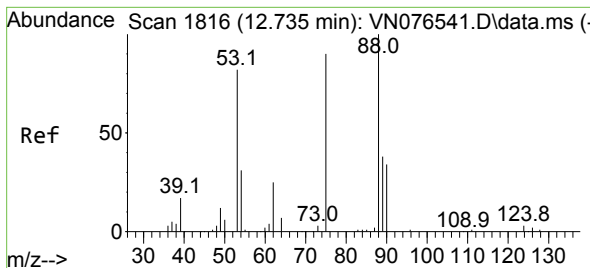
Tgt Ion: 91 Resp: 1192595
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 49.115 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 105 Resp: 1489537
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6

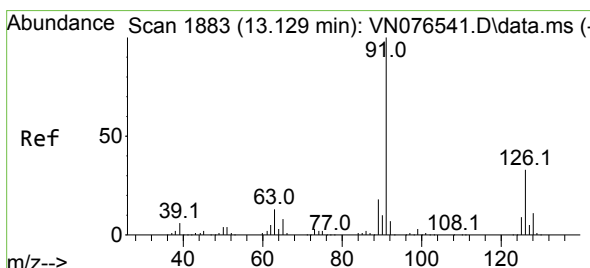
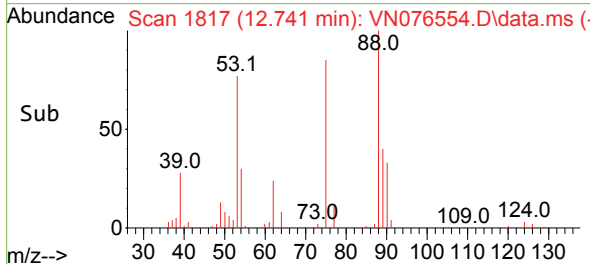
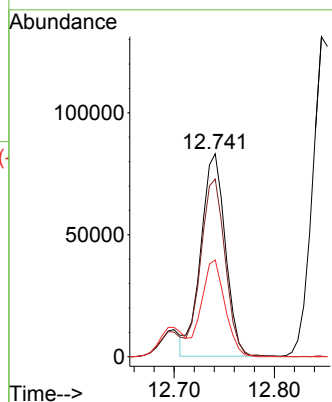
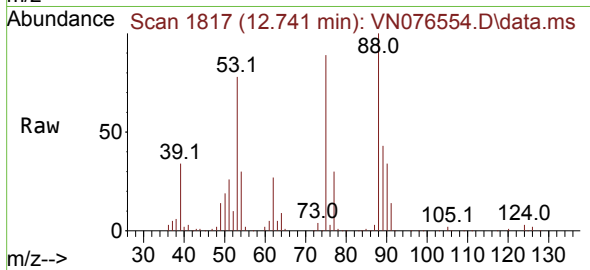




#81
trans-1,4-Dichloro-2-butene
Concen: 51.276 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

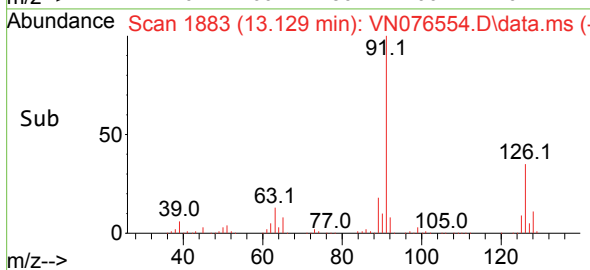
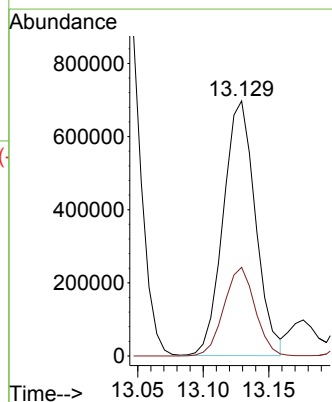
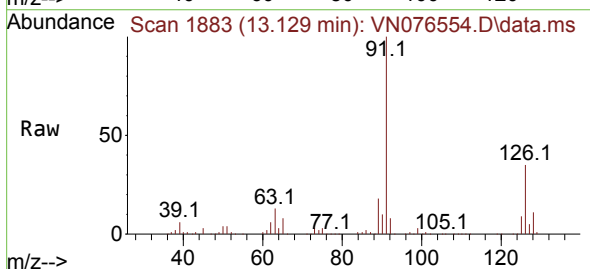
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

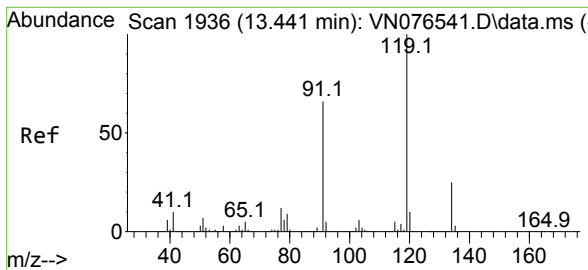
Tgt Ion: 75 Resp: 140965
Ion Ratio Lower Upper
75 100
53 87.6 72.7 109.1
89 46.5 38.4 57.6



#82
4-Chlorotoluene
Concen: 47.195 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 91 Resp: 1192595
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3

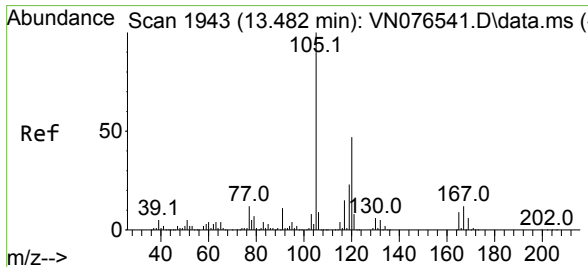
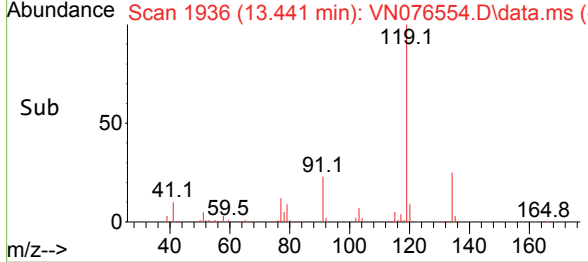
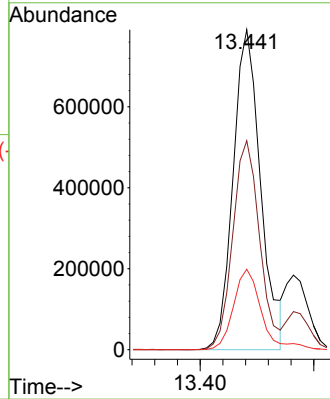
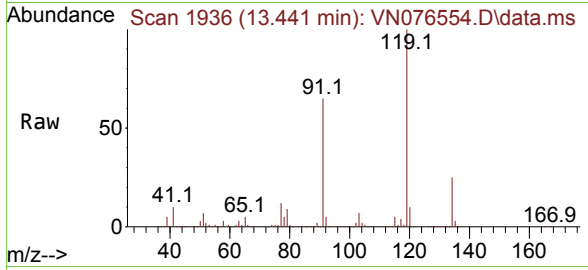




#83
tert-Butylbenzene
Concen: 49.200 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

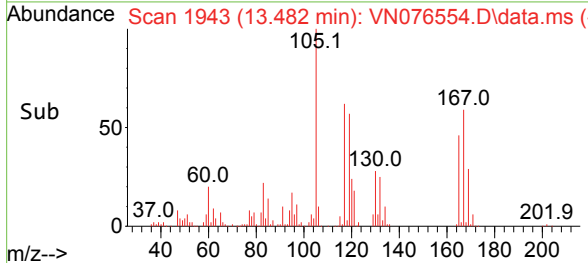
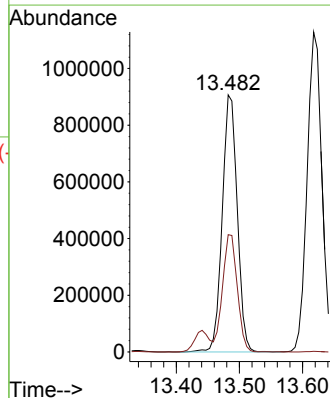
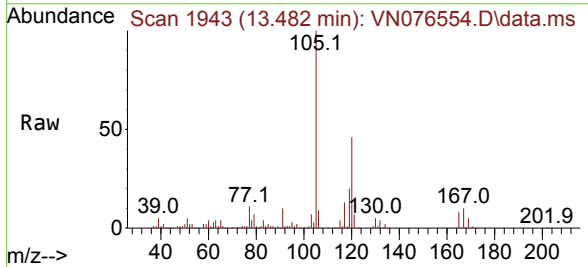
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

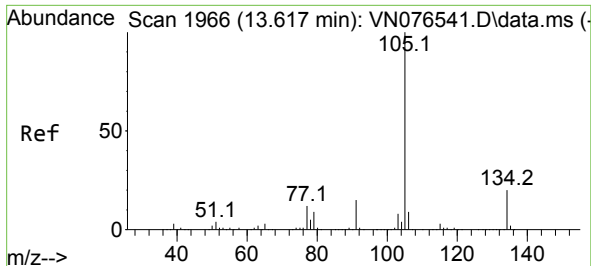
Tgt Ion:119 Resp: 1326837
Ion Ratio Lower Upper
119 100
91 64.1 32.1 96.3
134 25.5 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 49.707 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion:105 Resp: 1495459
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5

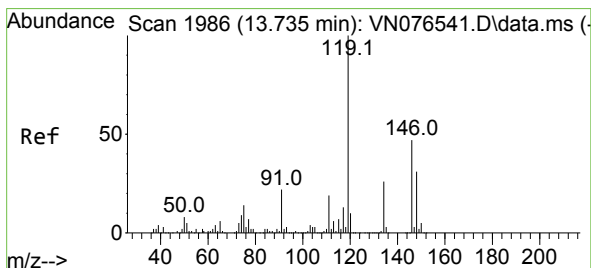
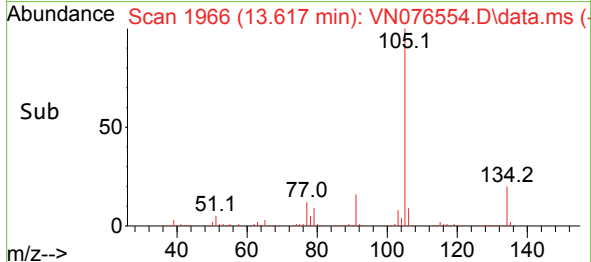
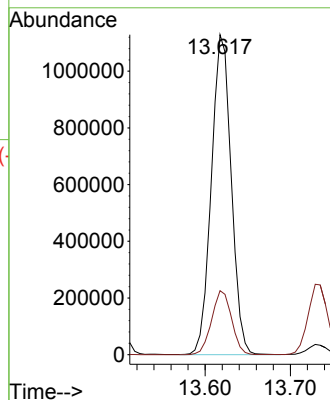
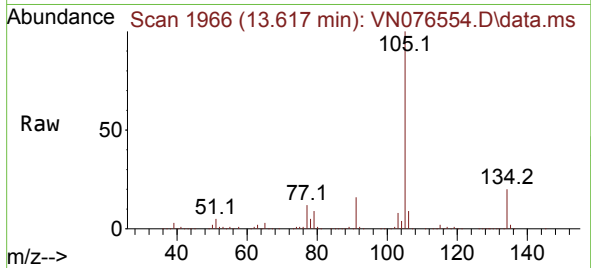




#85
 sec-Butylbenzene
 Concen: 50.245 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

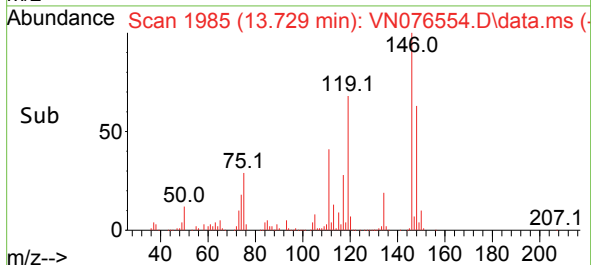
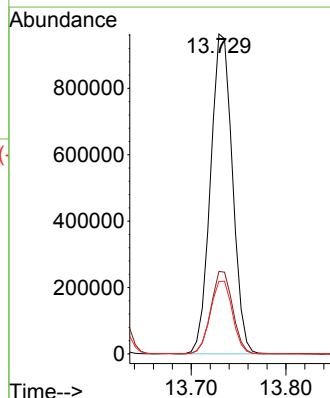
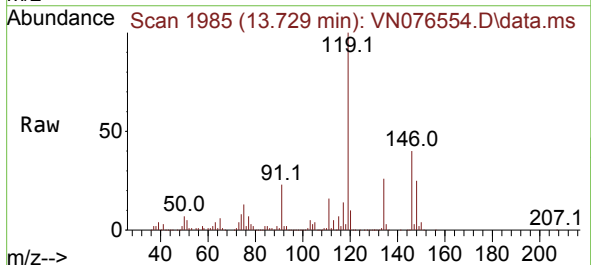
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

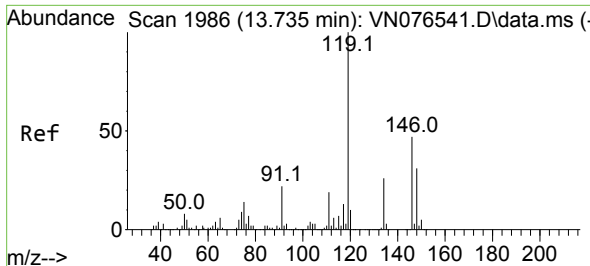
Tgt Ion:105 Resp: 1826533
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 52.340 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

Tgt Ion:119 Resp: 1549418
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.0 11.4 34.2

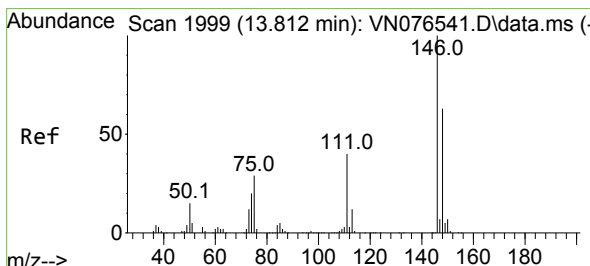
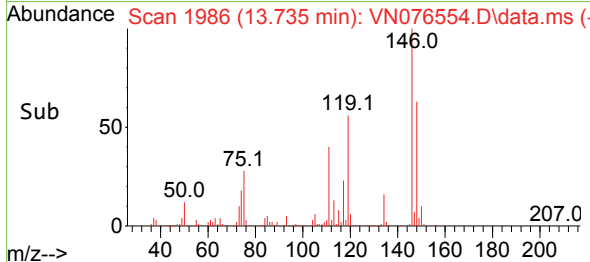
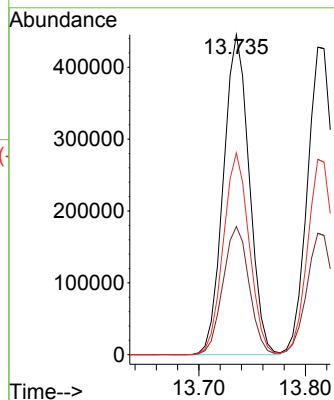
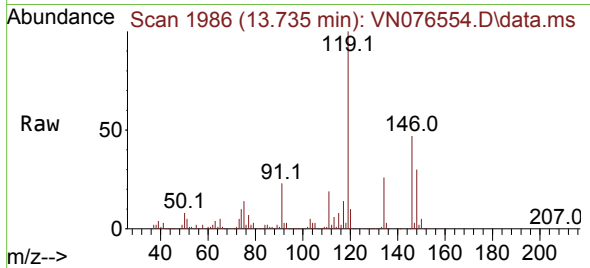




#87
 1,3-Dichlorobenzene
 Concen: 48.097 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

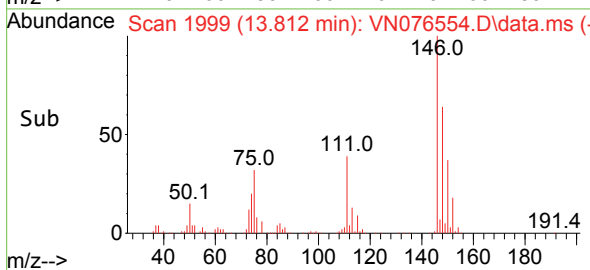
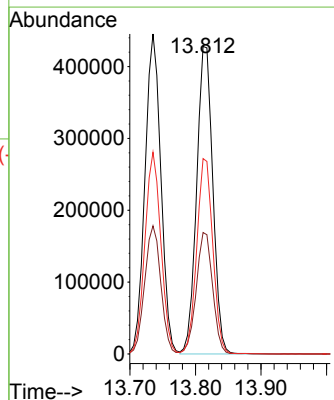
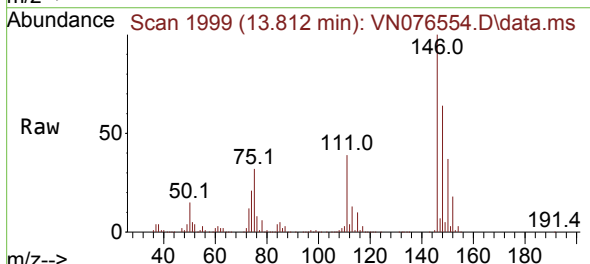
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

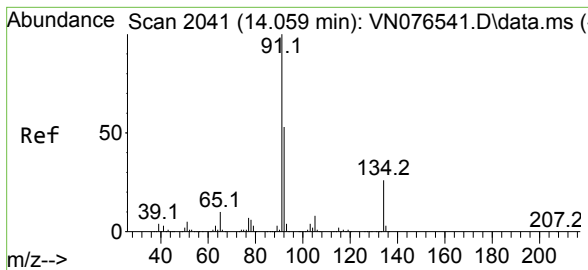
Tgt Ion:146 Resp: 749945
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.5
 148 63.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.830 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN076554.D
 Acq: 06 Feb 2023 20:12

Tgt Ion:146 Resp: 736555
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 63.1 31.6 95.0

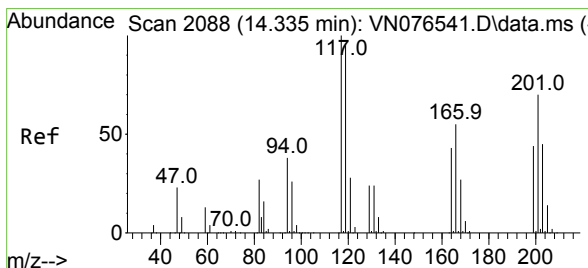
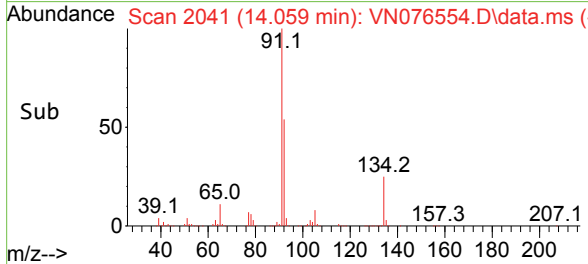
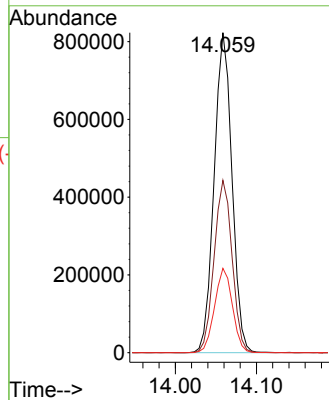
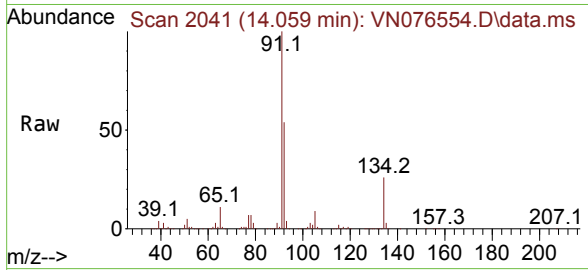




#89
n-Butylbenzene
Concen: 53.491 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

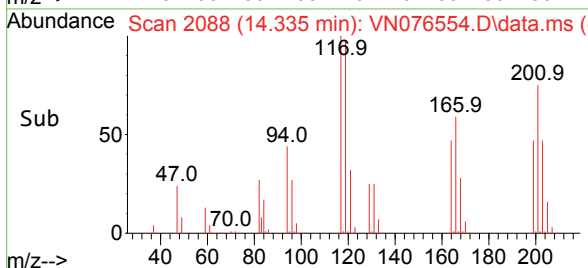
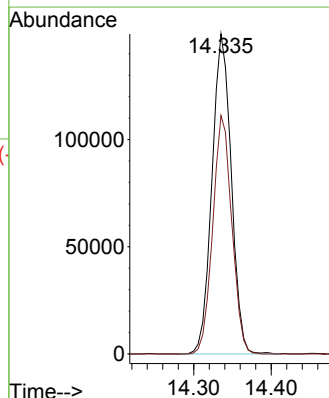
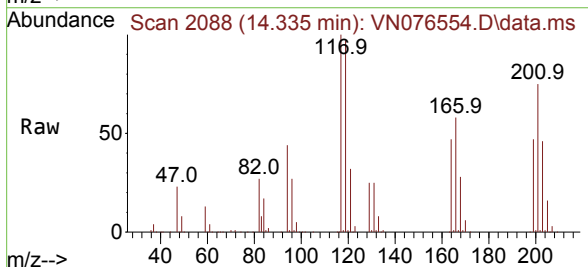
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

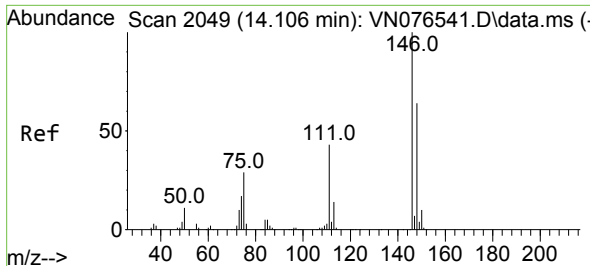
Tgt Ion: 91 Resp: 1256211
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 26.4 13.0 39.0



#90
Hexachloroethane
Concen: 50.997 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion: 117 Resp: 257770
Ion Ratio Lower Upper
117 100
201 73.5 36.5 109.7





#91

1,2-Dichlorobenzene

Concen: 48.401 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

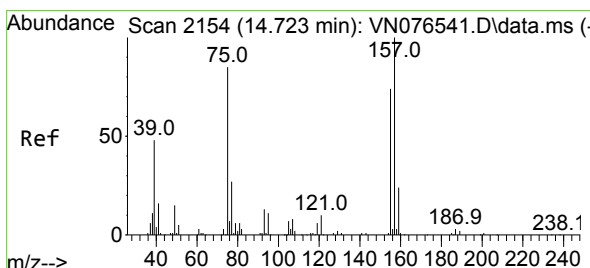
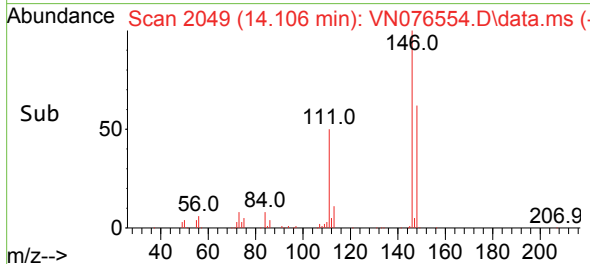
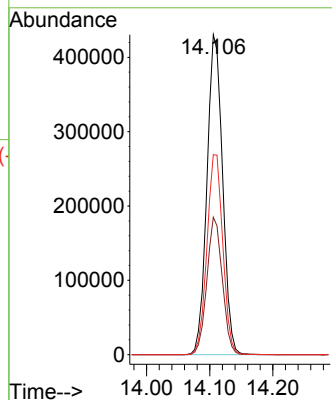
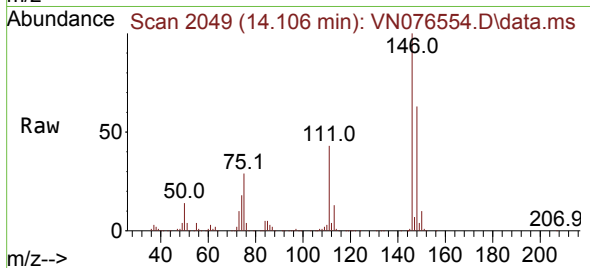
Tgt Ion:146 Resp: 740564

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

148 63.3 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.705 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

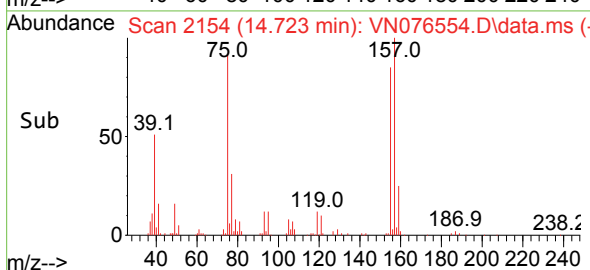
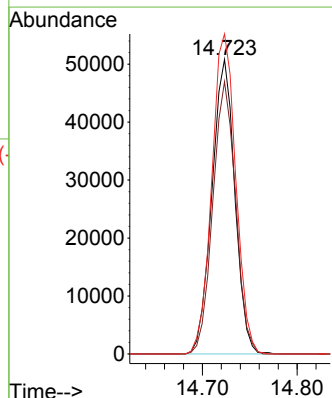
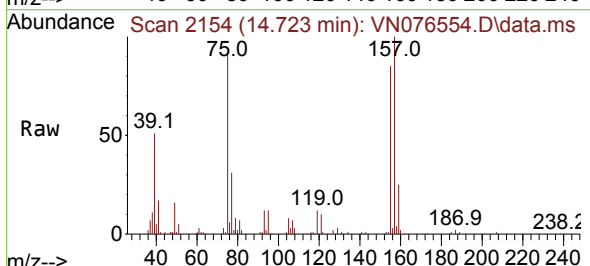
Tgt Ion: 75 Resp: 85261

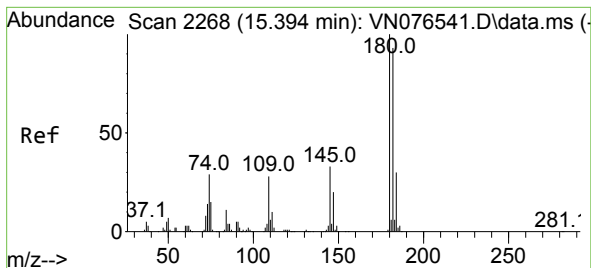
Ion Ratio Lower Upper

75 100

155 91.9 45.0 135.0

157 113.6 57.6 173.0





#93

1,2,4-Trichlorobenzene

Concen: 52.849 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

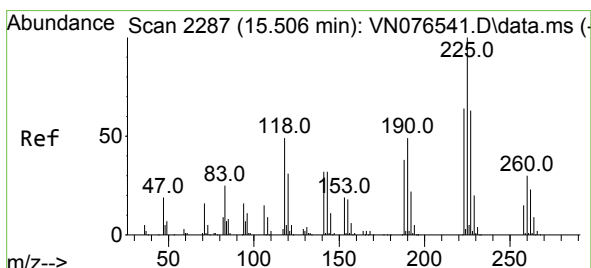
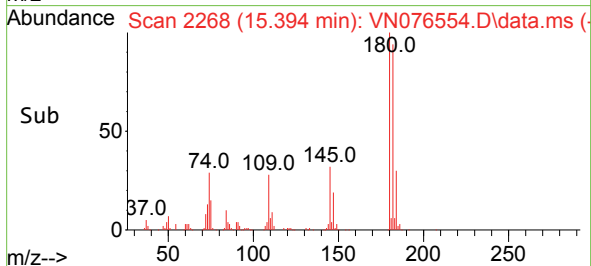
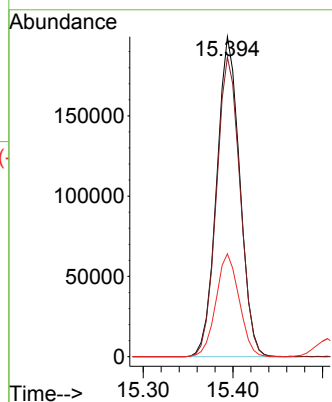
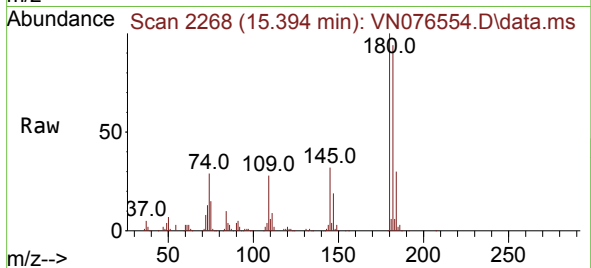
Tgt Ion:180 Resp: 356364

Ion Ratio Lower Upper

180 100

182 95.4 47.2 141.6

145 32.2 16.1 48.2



#94

Hexachlorobutadiene

Concen: 49.375 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076554.D

Acq: 06 Feb 2023 20:12

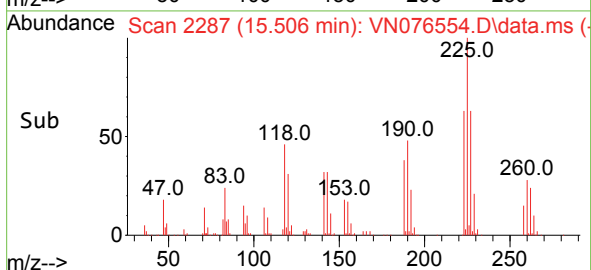
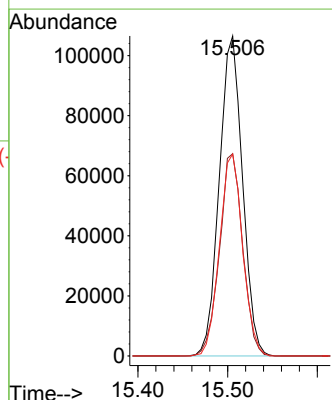
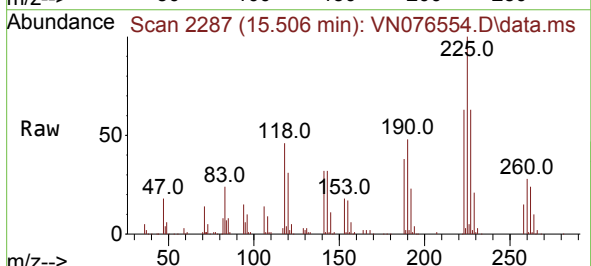
Tgt Ion:225 Resp: 191159

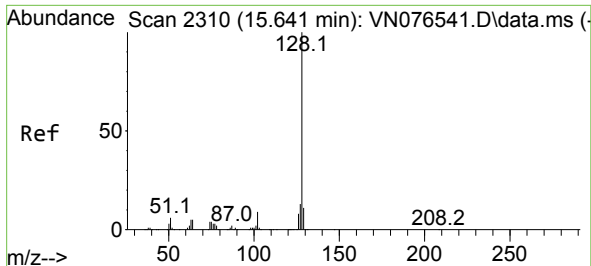
Ion Ratio Lower Upper

225 100

223 63.0 31.3 93.9

227 62.9 31.6 95.0

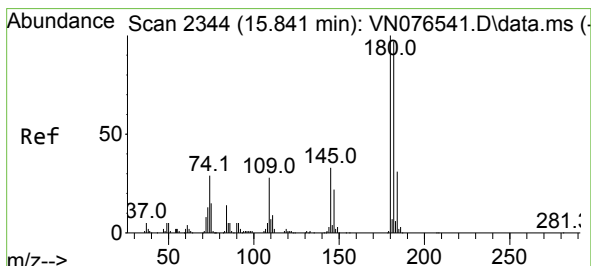
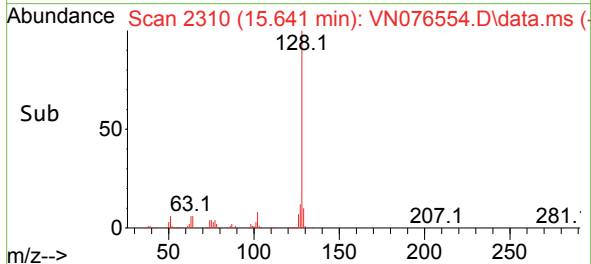
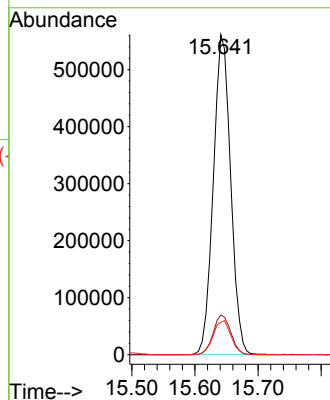
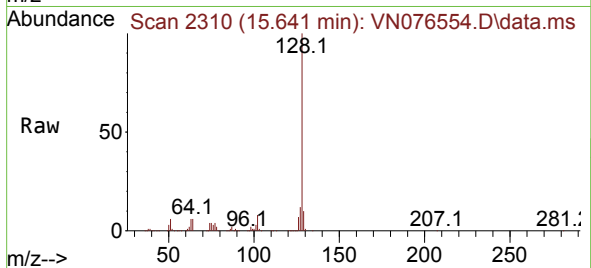




#95
Naphthalene
Concen: 53.914 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1070825
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.754 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076554.D
Acq: 06 Feb 2023 20:12

Tgt Ion:180 Resp: 348464
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.8
145 33.1 16.8 50.3

