

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076335.D
 Acq On : 19 Jan 2023 20:31
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 20 01:03:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	439413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	705512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	623163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	301777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240446	48.871	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.740%
35) Dibromofluoromethane	8.177	113	214990	48.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	10.571	98	808612	49.612	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.853	95	281191	52.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	196188	43.569	ug/l	98
3) Chloromethane	2.371	50	193418	41.487	ug/l	94
4) Vinyl Chloride	2.524	62	269619	47.163	ug/l	99
5) Bromomethane	2.948	94	207469	44.317	ug/l	99
6) Chloroethane	3.124	64	185788	43.341	ug/l	100
7) Trichlorofluoromethane	3.512	101	334873	42.578	ug/l	100
8) Diethyl Ether	3.977	74	120762	45.779	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	183055	41.115	ug/l	99
10) Methyl Iodide	4.606	142	298944	43.957	ug/l	99
11) Tert butyl alcohol	5.536	59	148902	226.265	ug/l	100
12) 1,1-Dichloroethene	4.353	96	178743	42.469	ug/l	91
13) Acrolein	4.189	56	164847	209.460	ug/l	98
14) Allyl chloride	5.036	41	202468	41.280	ug/l	98
15) Acrylonitrile	5.736	53	402837	215.109	ug/l	99
16) Acetone	4.442	43	321485	203.817	ug/l	100
17) Carbon Disulfide	4.724	76	401939	38.354	ug/l	99
18) Methyl Acetate	5.036	43	222453	41.618	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	630980	46.051	ug/l	98
20) Methylene Chloride	5.289	84	205635	43.989	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	188456	41.332	ug/l	100
22) Diisopropyl ether	6.683	45	517619	44.752	ug/l	98
23) Vinyl Acetate	6.612	43	1700324	227.458	ug/l	100
24) 1,1-Dichloroethane	6.583	63	330206	42.829	ug/l	98
25) 2-Butanone	7.488	43	508735	211.191	ug/l	97
26) 2,2-Dichloropropane	7.500	77	245553	37.788	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	231735	43.576	ug/l	98
28) Bromochloromethane	7.824	49	157553	50.417	ug/l	99
29) Tetrahydrofuran	7.847	42	331463	222.949	ug/l	99
30) Chloroform	7.971	83	377279	44.224	ug/l	98
31) Cyclohexane	8.265	56	285944	37.833	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	341489	43.844	ug/l	95
36) 1,1-Dichloropropene	8.377	75	263486	42.016	ug/l	99
37) Ethyl Acetate	7.571	43	218695	43.482	ug/l	99
38) Carbon Tetrachloride	8.371	117	296164	42.350	ug/l	99
39) Methylcyclohexane	9.606	83	336809	43.980	ug/l	97
40) Benzene	8.612	78	799849	42.655	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	113330	43.031	ug/l	95
42) 1,2-Dichloroethane	8.677	62	280031	43.647	ug/l	100
43) Isopropyl Acetate	8.694	43	372269	45.494	ug/l	99
44) Trichloroethene	9.359	130	225258	42.473	ug/l	97
45) 1,2-Dichloropropane	9.624	63	194514	43.326	ug/l	96
46) Dibromomethane	9.712	93	150269	44.331	ug/l	98
47) Bromodichloromethane	9.894	83	293523	44.647	ug/l	98
48) Methyl methacrylate	9.682	41	175834	45.389	ug/l	99
49) 1,4-Dioxane	9.700	88	74579	912.374	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1109041	230.874	ug/l	100
52) Toluene	10.635	92	539715	43.040	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	291776	46.556	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	321462	44.584	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	209975	43.807	ug/l	97
56) Ethyl methacrylate	10.876	69	311505	50.339	ug/l	99
57) 1,3-Dichloropropane	11.165	76	346070	44.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	507141	242.759	ug/l	99
59) 2-Hexanone	11.200	43	799945	229.803	ug/l	99
60) Dibromochloromethane	11.359	129	234318	46.439	ug/l	99
61) 1,2-Dibromoethane	11.471	107	220131	46.010	ug/l	100
64) Tetrachloroethene	11.106	164	224658	39.976	ug/l	97
65) Chlorobenzene	11.894	112	581961	44.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	224201	45.745	ug/l	99
67) Ethyl Benzene	11.965	91	1052084	46.666	ug/l	100
68) m/p-Xylenes	12.070	106	830582	91.876	ug/l	100
69) o-Xylene	12.400	106	423852	47.742	ug/l	99
70) Styrene	12.412	104	676058	47.693	ug/l	99
71) Bromoform	12.582	173	166264	46.974	ug/l #	98
73) Isopropylbenzene	12.700	105	1087232	46.571	ug/l	100
74) N-amyl acetate	12.494	43	342196	50.957	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	295052	43.964	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	362691	66.281	ug/l	86
77) Bromobenzene	12.982	156	254299	46.553	ug/l	99
78) n-propylbenzene	13.041	91	1222111	46.395	ug/l	99
79) 2-Chlorotoluene	13.129	91	724813	44.841	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	928940	47.497	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	80774	44.534	ug/l	98
82) 4-Chlorotoluene	13.129	91	724813	44.841	ug/l	99
83) tert-Butylbenzene	13.441	119	828634	47.636	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	918311	46.825	ug/l	99
85) sec-Butylbenzene	13.617	105	1151004	47.686	ug/l	100
86) p-Isopropyltoluene	13.735	119	974362	49.091	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	478050	43.445	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	469919	44.905	ug/l	99
89) n-Butylbenzene	14.059	91	792054	50.269	ug/l	100
90) Hexachloroethane	14.335	117	159800	46.648	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	475614	43.398	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58711	50.327	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	258517	48.848	ug/l	99
94) Hexachlorobutadiene	15.506	225	126158	43.379	ug/l	97
95) Naphthalene	15.641	128	790604	50.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	247774	49.107	ug/l	97

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

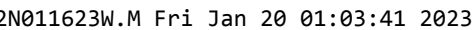
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

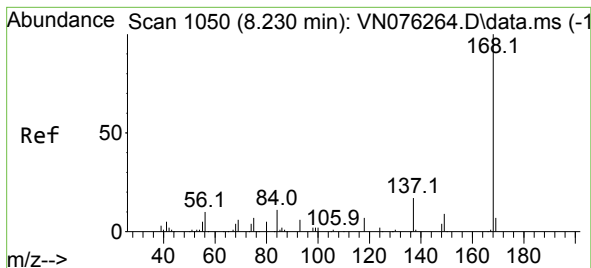
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

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ClientSampleId :

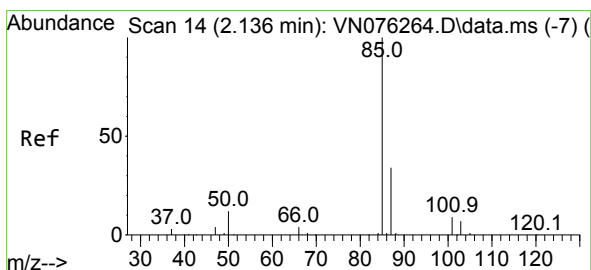
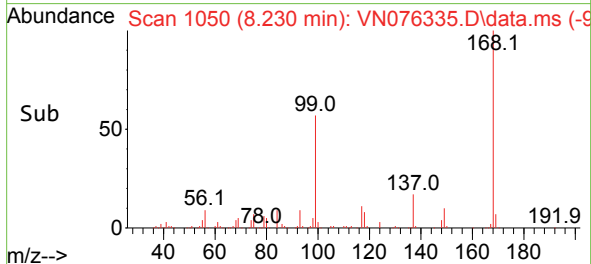
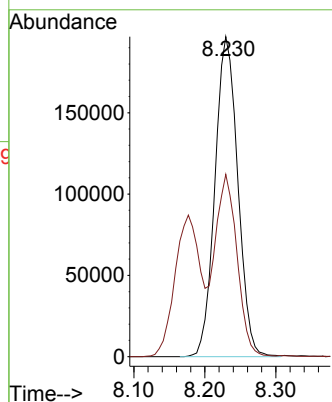
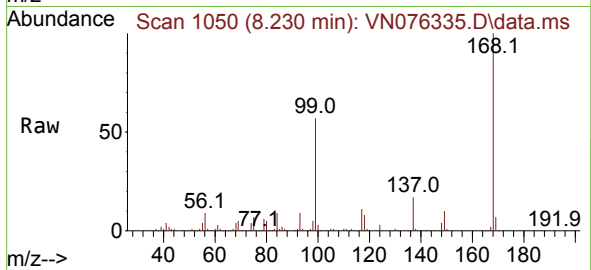
VSTDCCC050EC

Tgt Ion:168 Resp: 439413

Ion Ratio Lower Upper

168 100

99 56.6 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 43.569 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076335.D

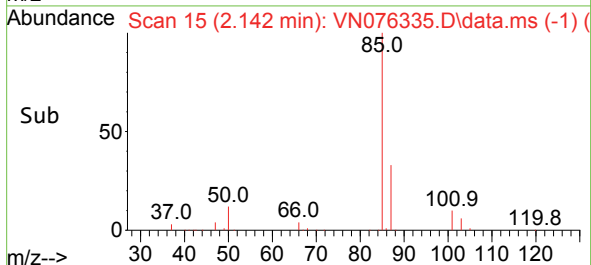
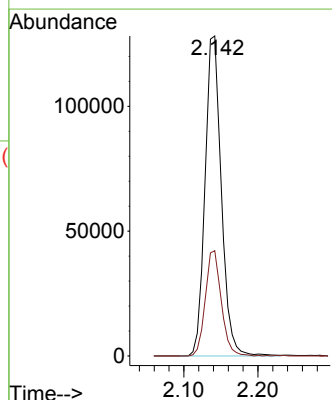
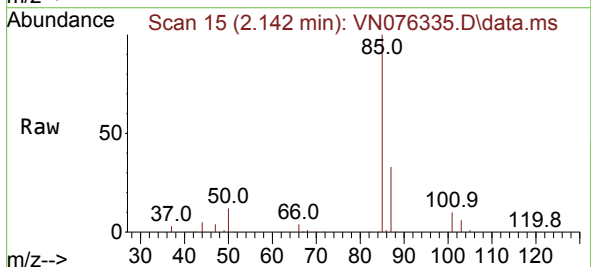
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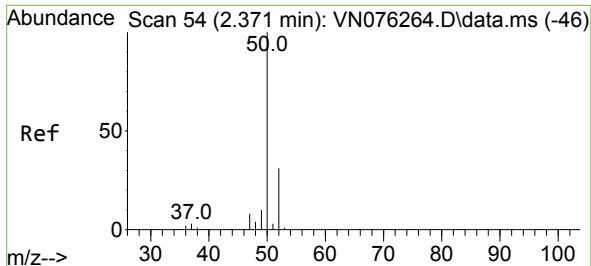
Tgt Ion: 85 Resp: 196188

Ion Ratio Lower Upper

85 100

87 32.9 17.1 51.2

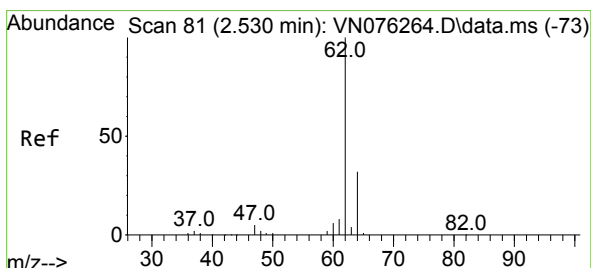
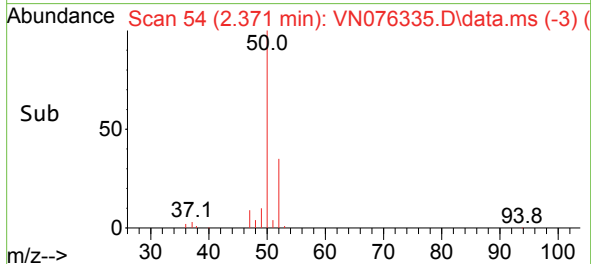
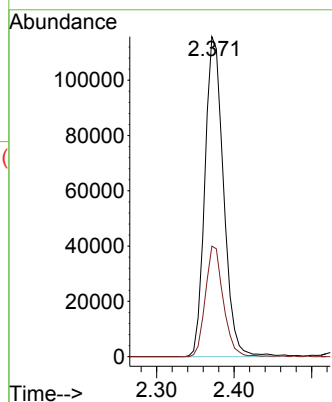
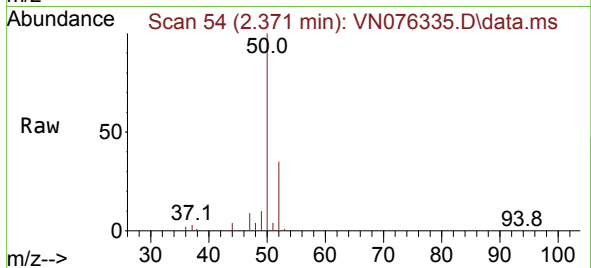




#3
Chloromethane
Concen: 41.487 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

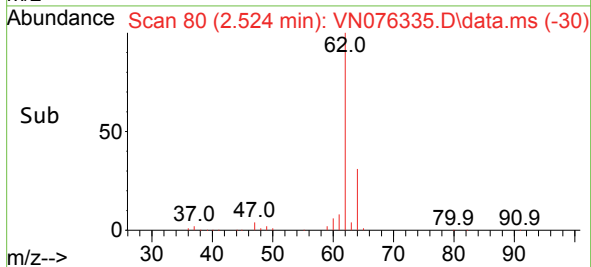
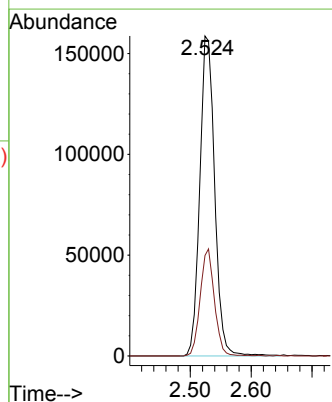
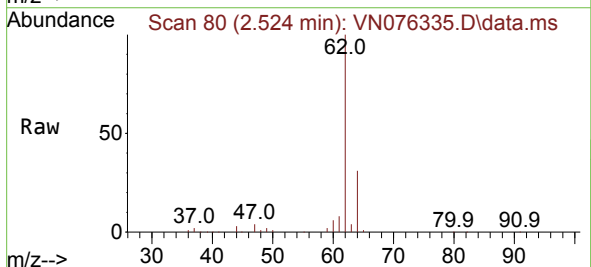
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

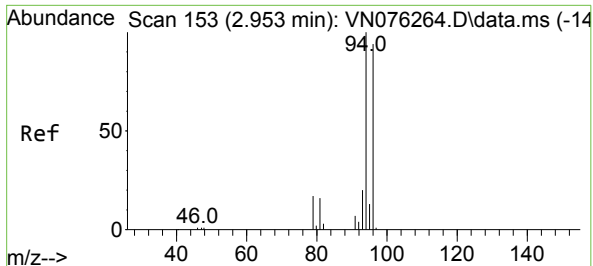
Tgt Ion: 50 Resp: 193418
Ion Ratio Lower Upper
50 100
52 34.5 24.8 37.2



#4
Vinyl Chloride
Concen: 47.163 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 62 Resp: 269619
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6

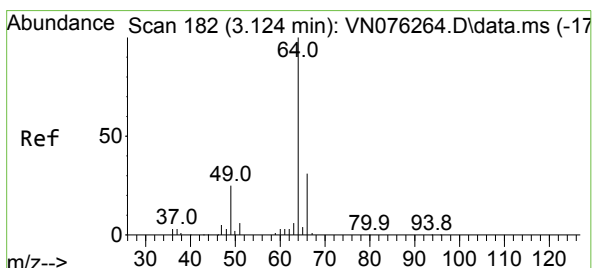
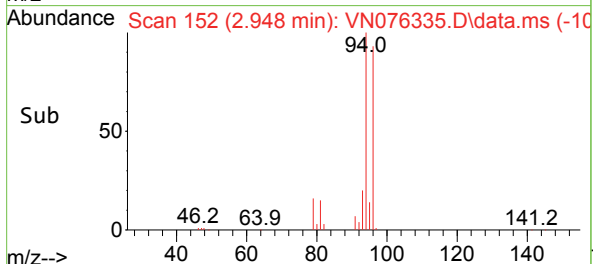
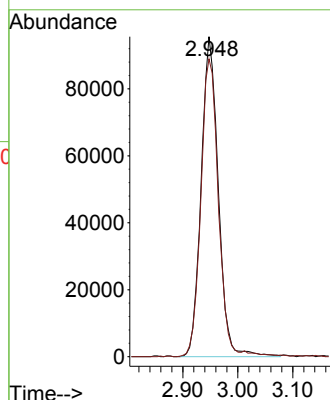
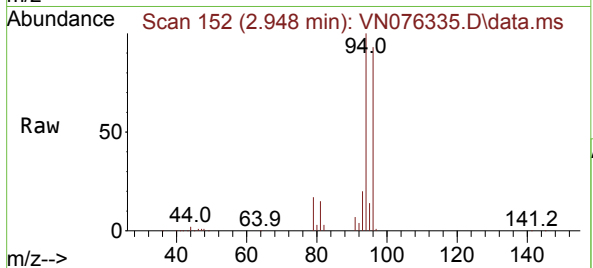




#5
Bromomethane
Concen: 44.317 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

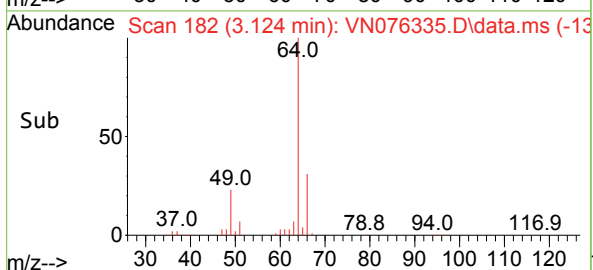
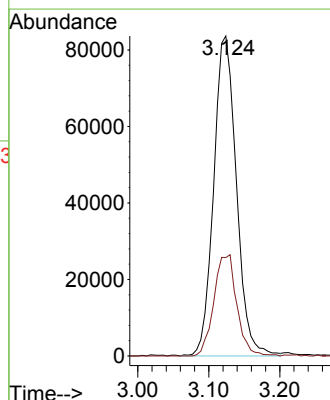
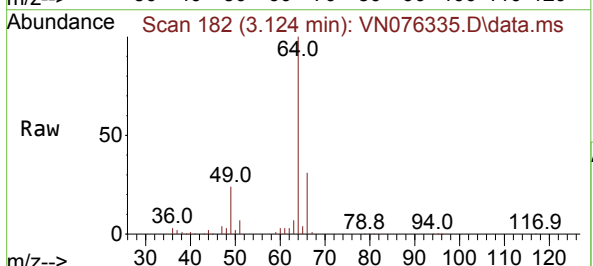
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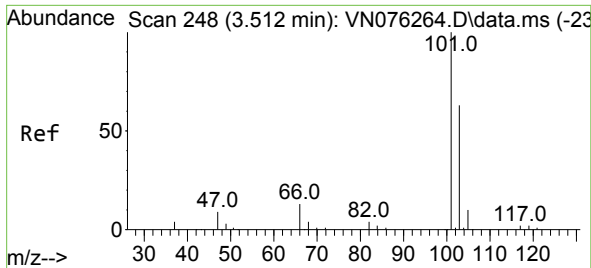
Tgt Ion: 94 Resp: 207469
Ion Ratio Lower Upper
94 100
96 92.9 75.1 112.7



#6
Chloroethane
Concen: 43.341 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 64 Resp: 185788
Ion Ratio Lower Upper
64 100
66 30.8 24.8 37.2

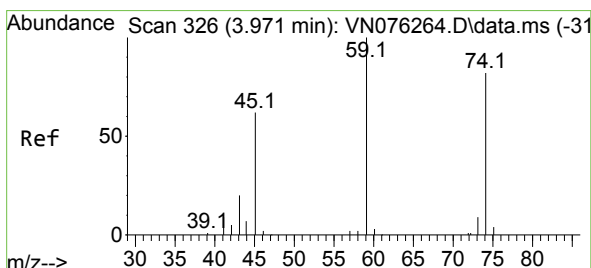
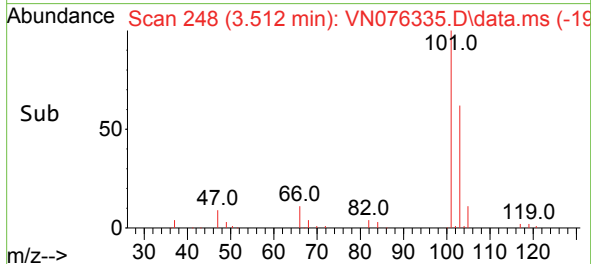
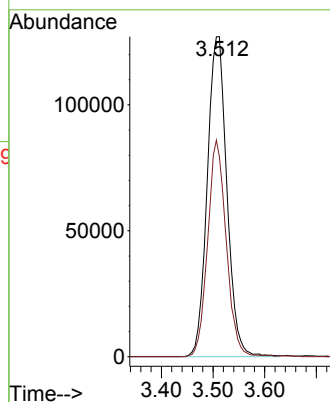
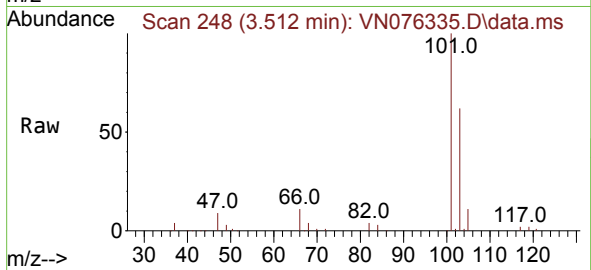




#7
 Trichlorofluoromethane
 Concen: 42.578 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

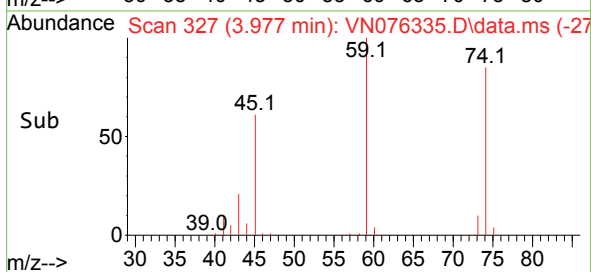
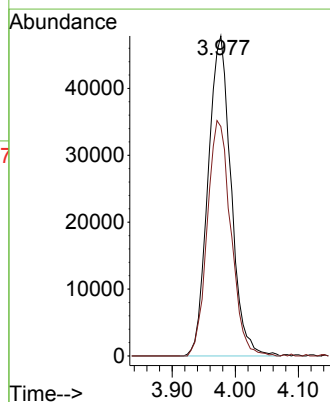
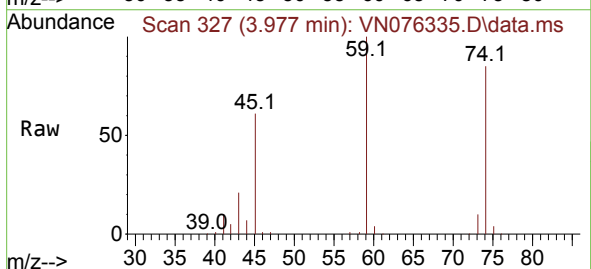
Instrument :
 MSVOA_N
 ClientSampleId :
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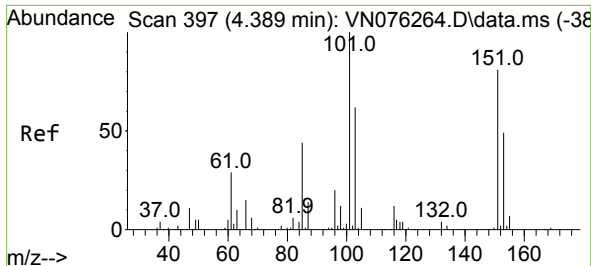
Tgt Ion:101 Resp: 334873
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.4



#8
 Diethyl Ether
 Concen: 45.779 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

Tgt Ion: 74 Resp: 120762
 Ion Ratio Lower Upper
 74 100
 45 75.5 37.8 113.3

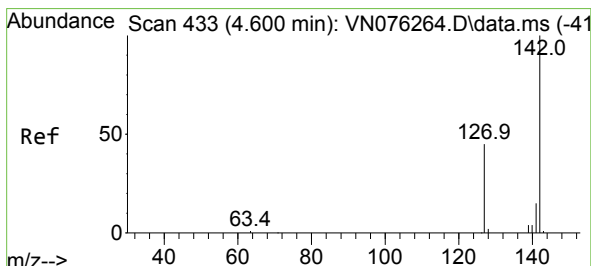
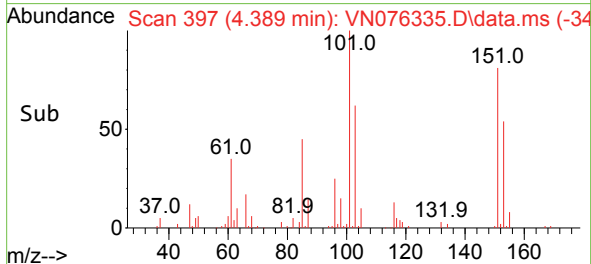
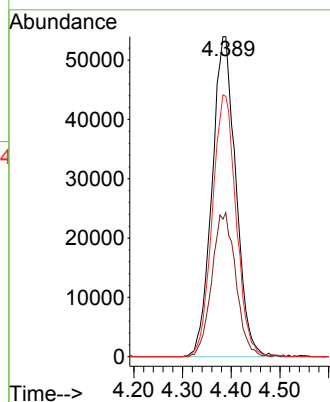
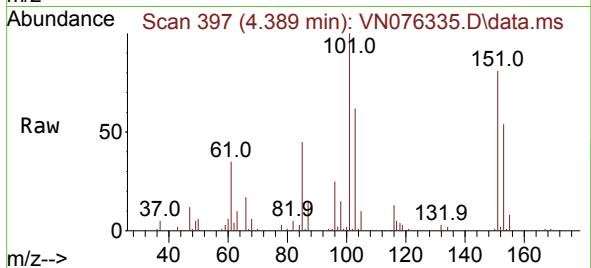




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.115 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

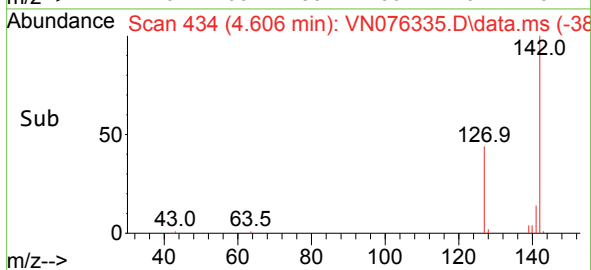
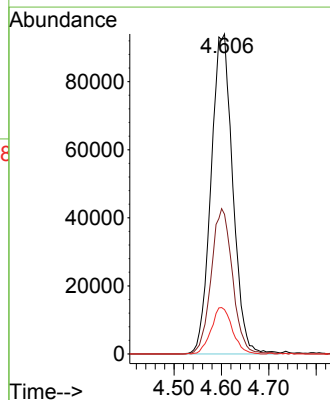
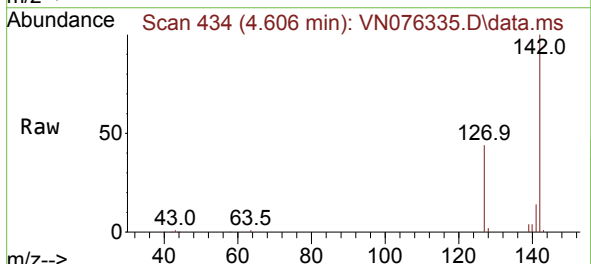
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

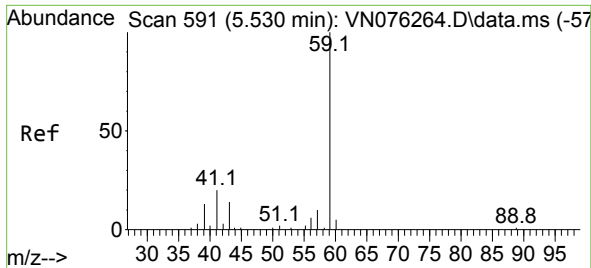
Tgt Ion:101 Resp: 183055
Ion Ratio Lower Upper
101 100
85 45.2 35.5 53.3
151 81.7 65.5 98.3



#10
Methyl Iodide
Concen: 43.957 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion:142 Resp: 298944
Ion Ratio Lower Upper
142 100
127 44.7 35.0 52.4
141 14.2 11.5 17.3

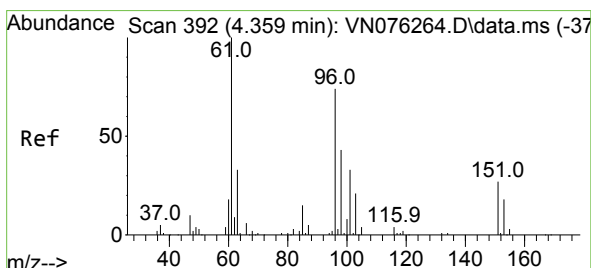
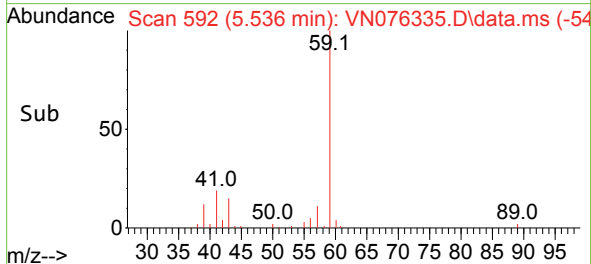
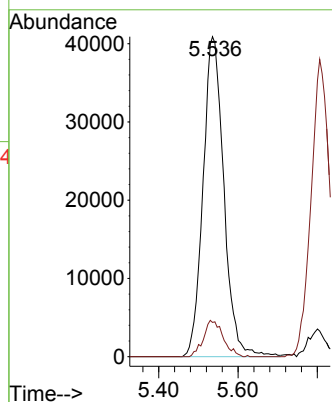
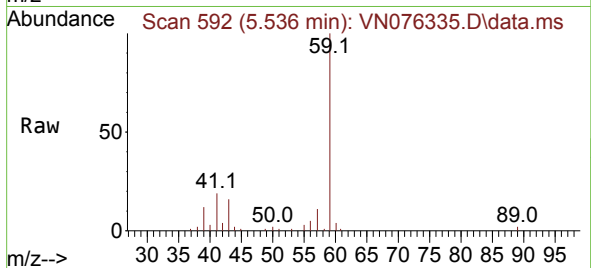




#11
Tert butyl alcohol
Concen: 226.265 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

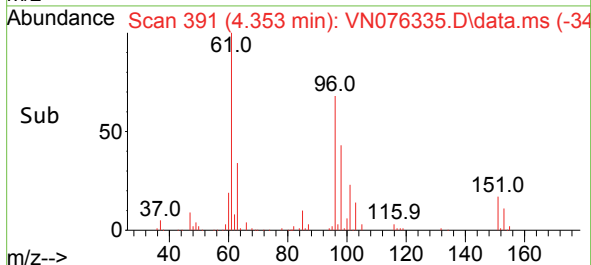
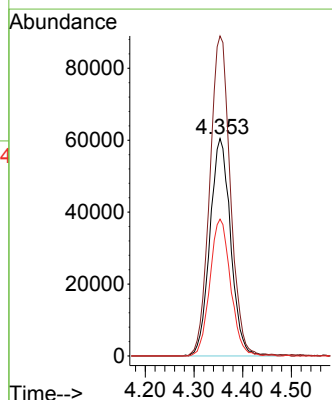
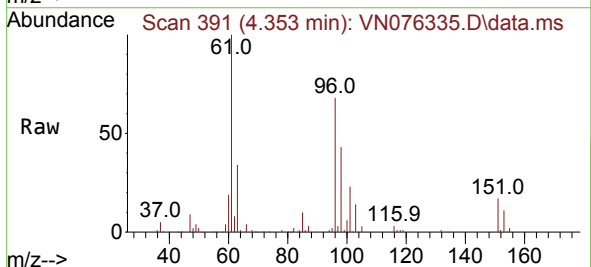
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

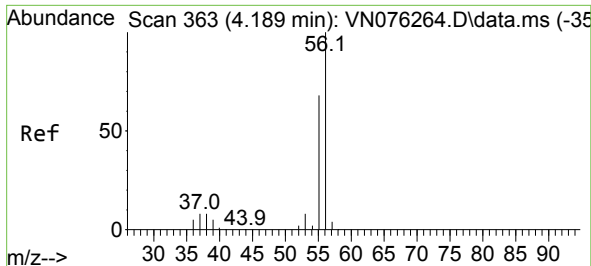
Tgt Ion: 59 Resp: 148902
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 42.469 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 96 Resp: 178743
Ion Ratio Lower Upper
96 100
61 147.1 108.2 162.4
98 62.9 47.0 70.6





#13

Acrolein

Concen: 209.460 ug/l

RT: 4.189 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

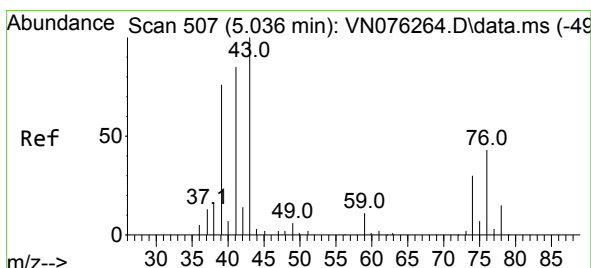
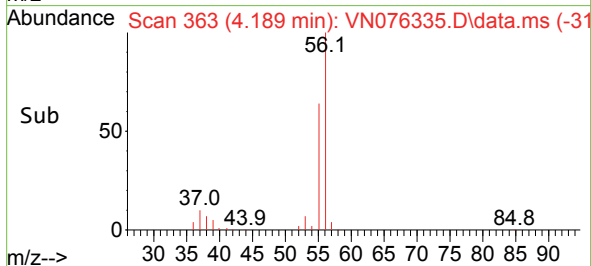
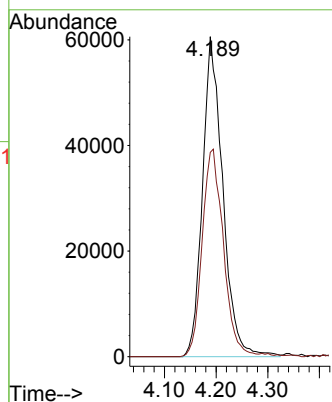
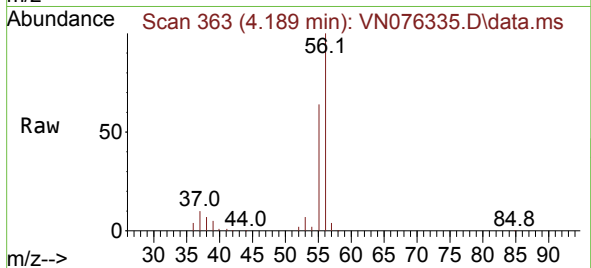
VSTDCCC050EC

Tgt Ion: 56 Resp: 164847

Ion Ratio Lower Upper

56 100

55 67.8 55.8 83.6



#14

Allyl chloride

Concen: 41.280 ug/l

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

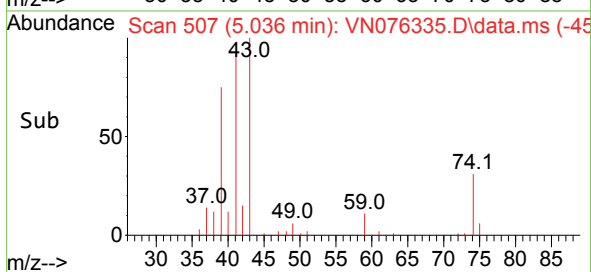
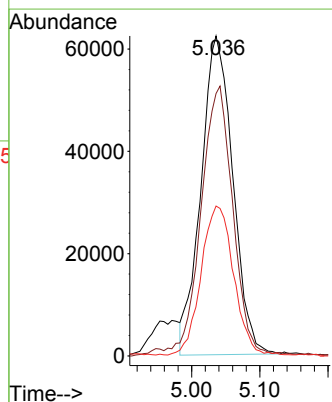
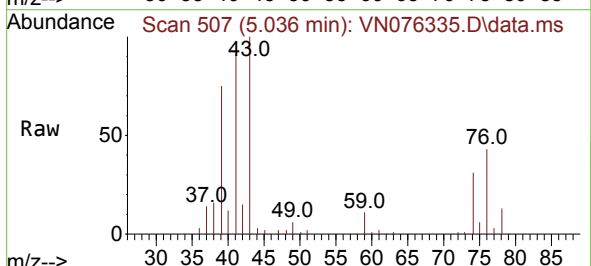
Tgt Ion: 41 Resp: 202468

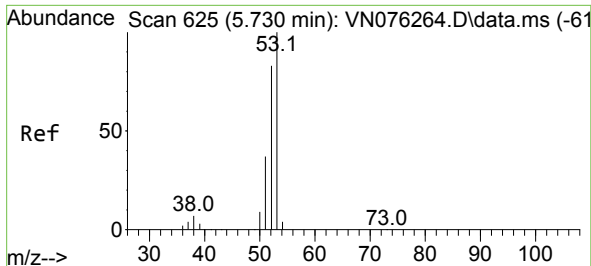
Ion Ratio Lower Upper

41 100

39 83.7 67.4 101.0

76 47.6 39.8 59.8

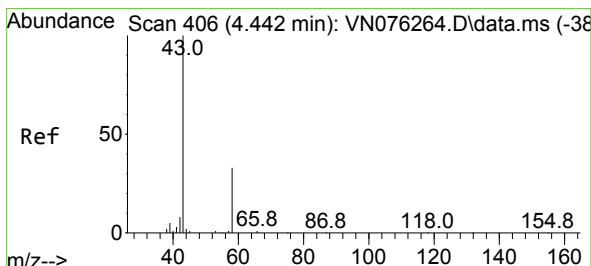
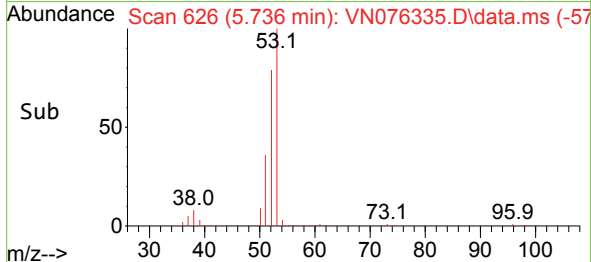
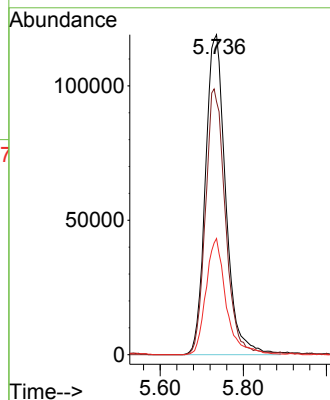
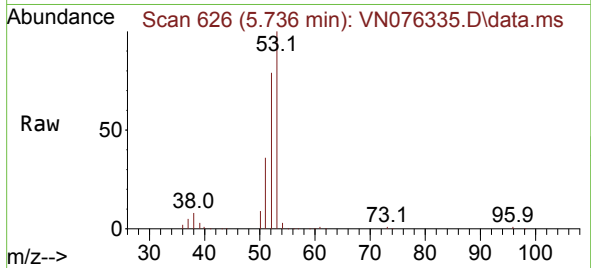




#15
Acrylonitrile
Concen: 215.109 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

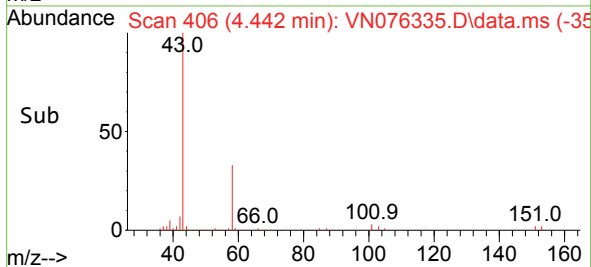
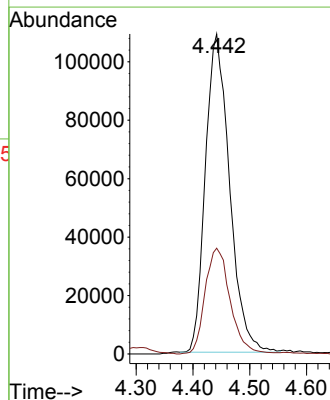
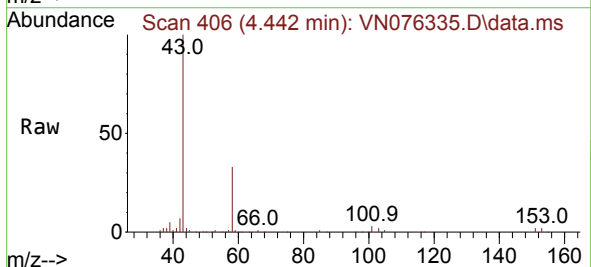
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

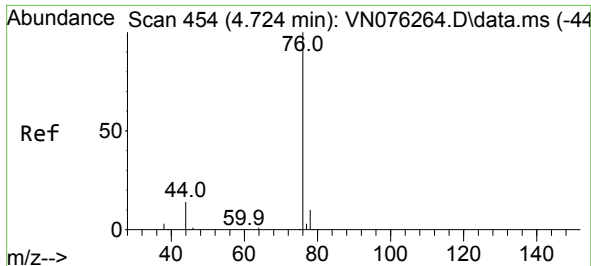
Tgt Ion: 53 Resp: 402837
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 36.2 29.2 43.8



#16
Acetone
Concen: 203.817 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 43 Resp: 321485
Ion Ratio Lower Upper
43 100
58 33.2 26.7 40.1

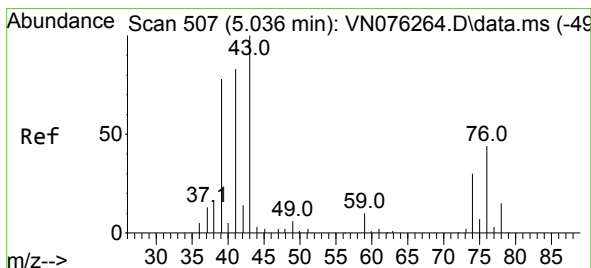
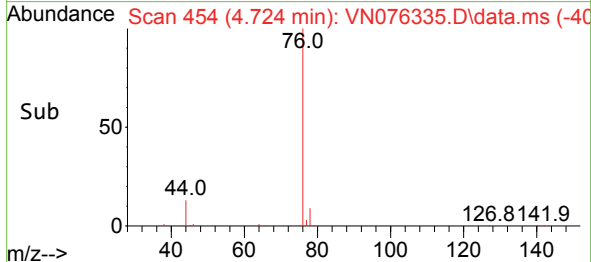
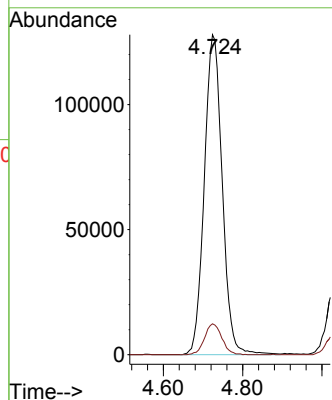
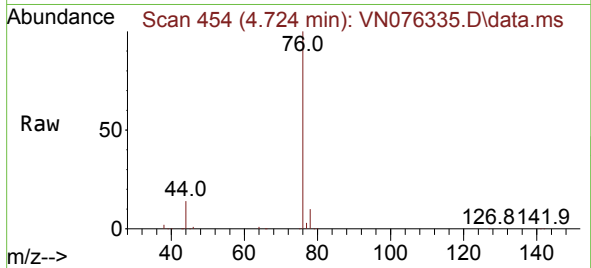




#17
Carbon Disulfide
Concen: 38.354 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

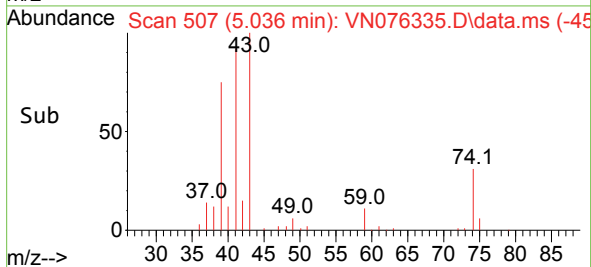
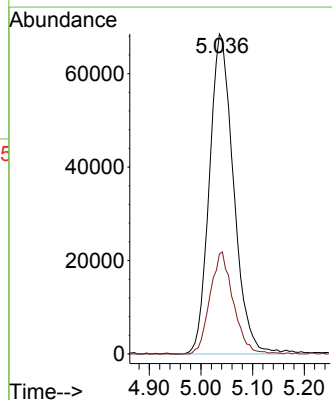
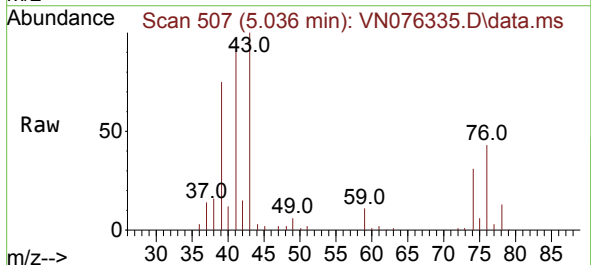
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

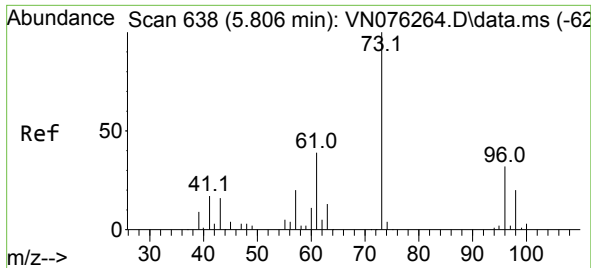
Tgt Ion: 76 Resp: 401939
Ion Ratio Lower Upper
76 100
78 9.6 8.0 12.0



#18
Methyl Acetate
Concen: 41.618 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 43 Resp: 222453
Ion Ratio Lower Upper
43 100
74 30.7 23.3 34.9

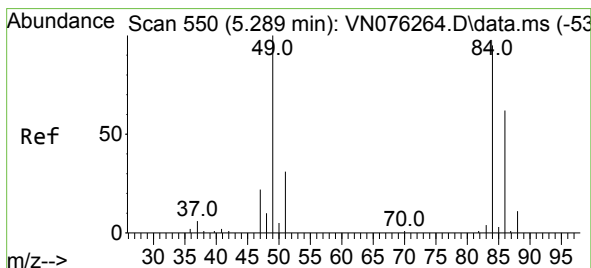
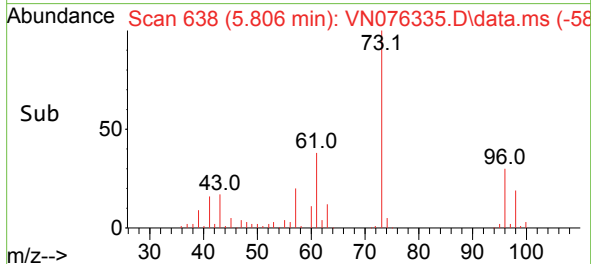
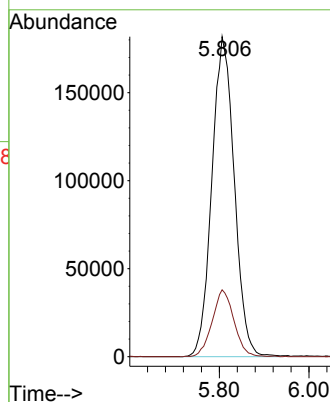
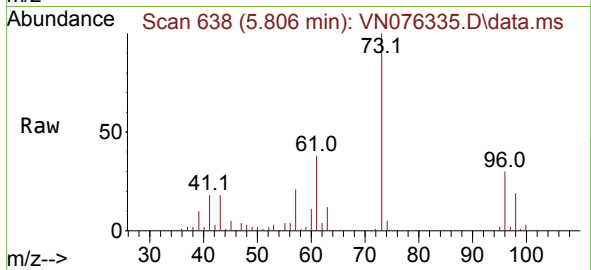




#19
Methyl tert-butyl Ether
Concen: 46.051 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

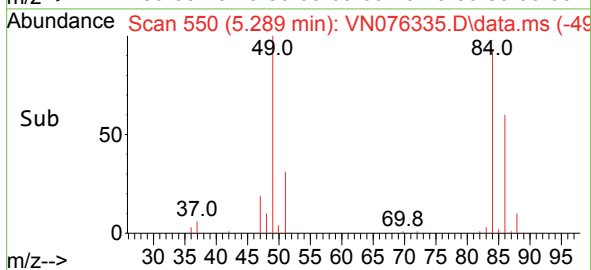
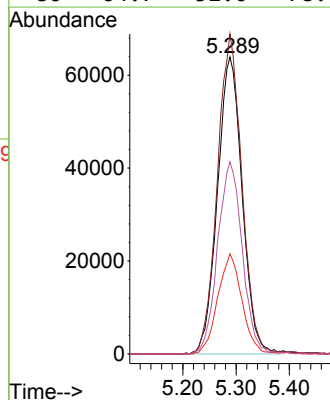
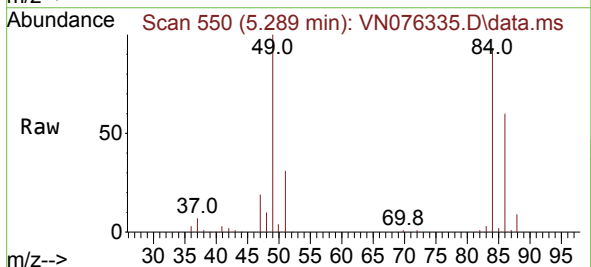
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

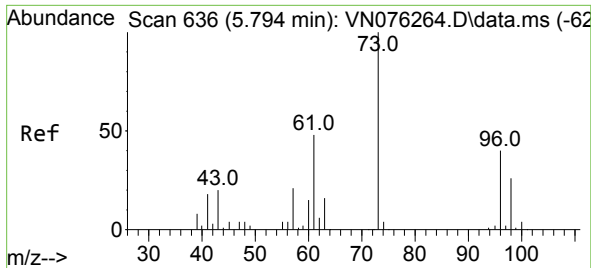
Tgt Ion: 73 Resp: 630980
Ion Ratio Lower Upper
73 100
57 20.9 15.9 23.9



#20
Methylene Chloride
Concen: 43.989 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 84 Resp: 205635
Ion Ratio Lower Upper
84 100
49 107.7 84.5 126.7
51 33.7 26.0 39.0
86 64.7 52.0 78.0

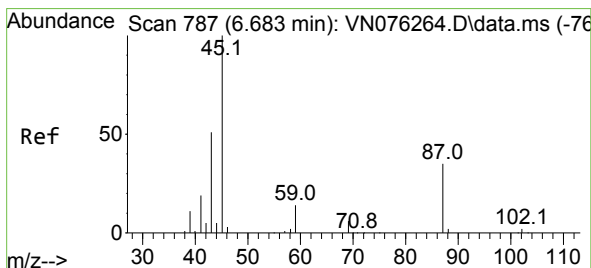
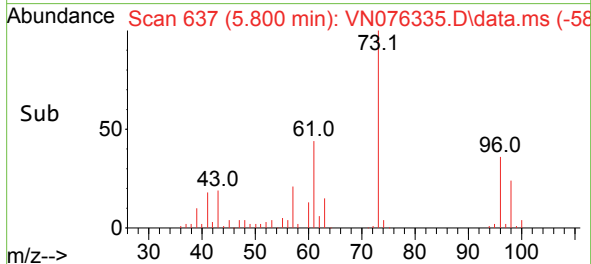
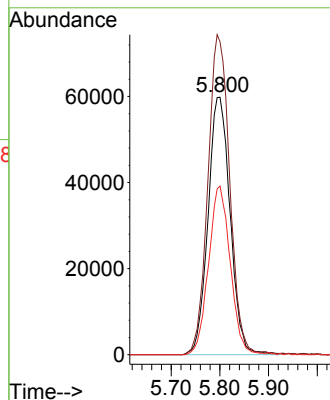
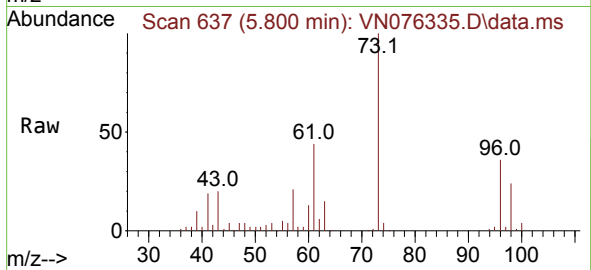




#21
trans-1,2-Dichloroethene
Concen: 41.332 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

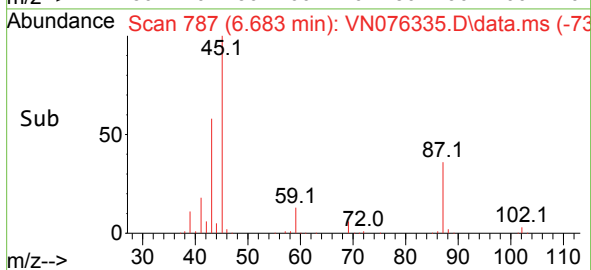
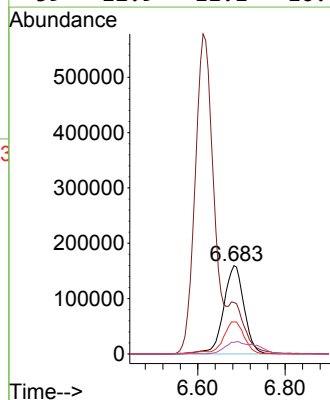
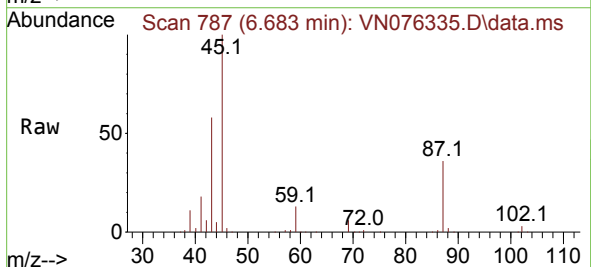
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

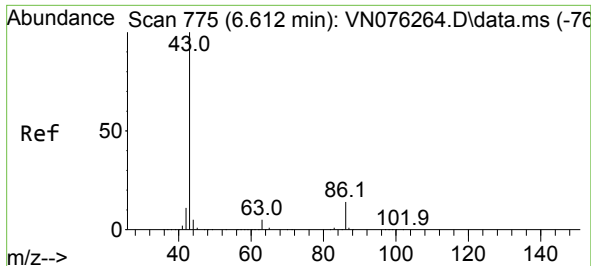
Tgt Ion: 96 Resp: 188456
Ion Ratio Lower Upper
96 100
61 121.4 97.0 145.4
98 65.5 51.9 77.9



#22
Diisopropyl ether
Concen: 44.752 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 45 Resp: 517619
Ion Ratio Lower Upper
45 100
43 57.2 44.4 66.6
87 36.3 28.4 42.6
59 12.9 11.1 16.7

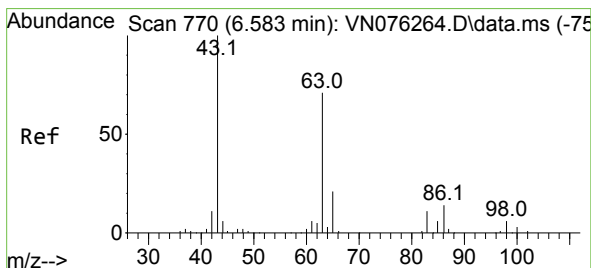
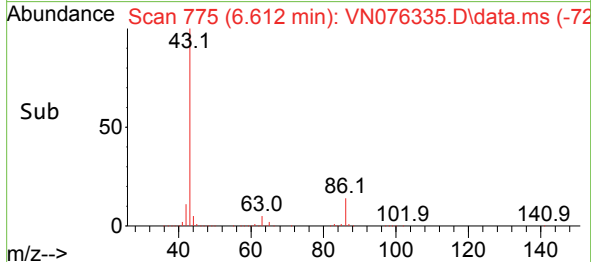
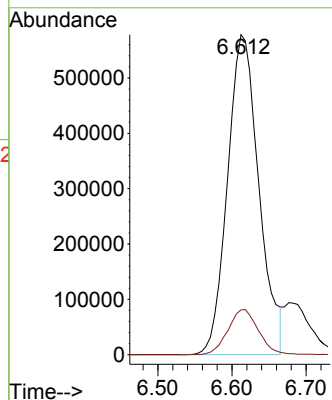
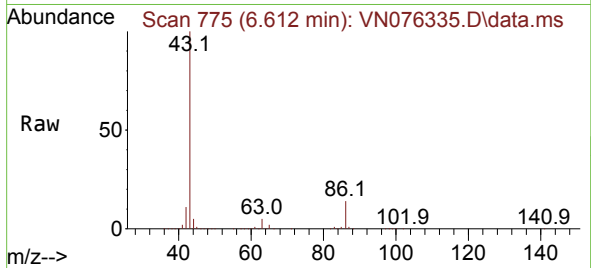




#23
 Vinyl Acetate
 Concen: 227.458 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

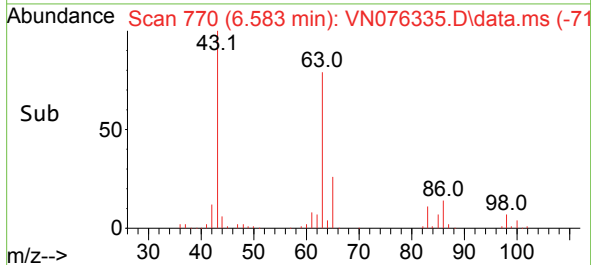
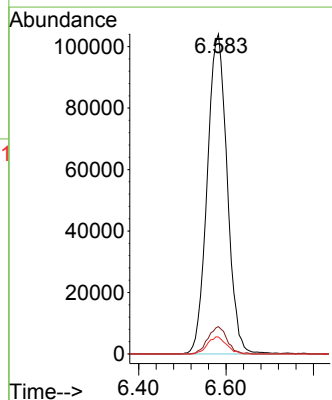
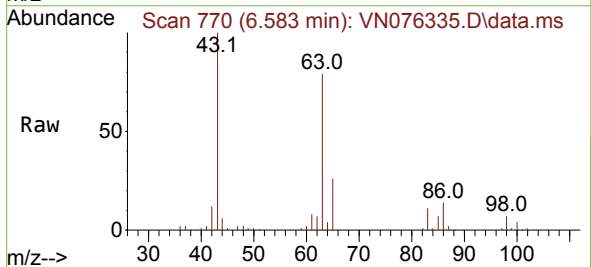
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

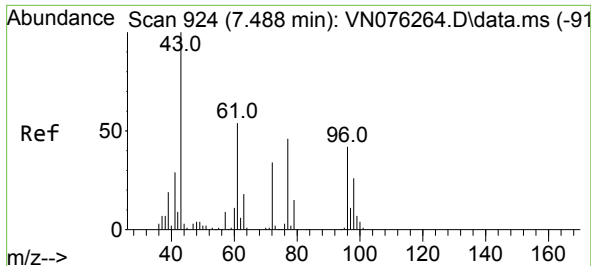
Tgt Ion: 43 Resp: 1700324
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 42.829 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

Tgt Ion: 63 Resp: 330206
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 5.3 2.2 6.6

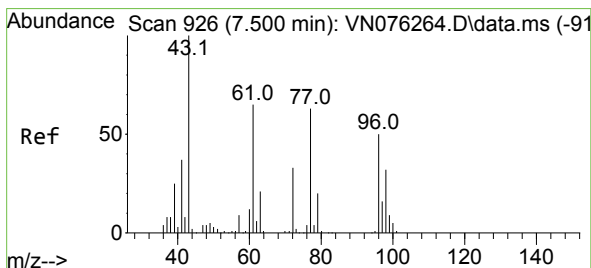
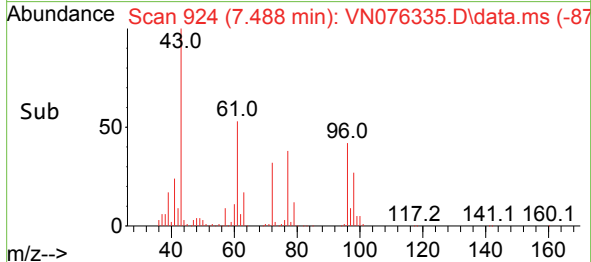
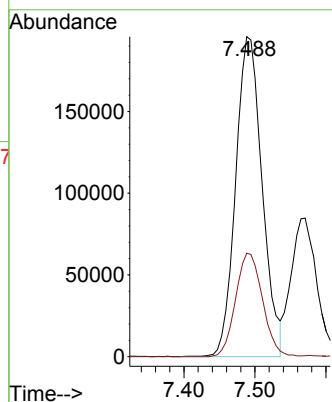
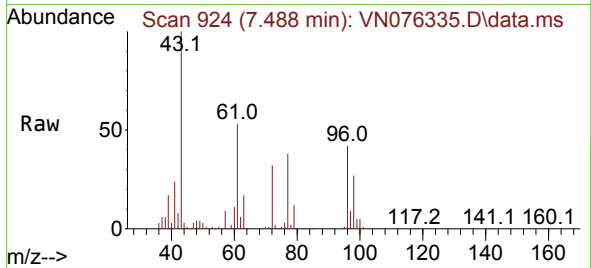




#25
2-Butanone
Concen: 211.191 ug/l
RT: 7.488 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

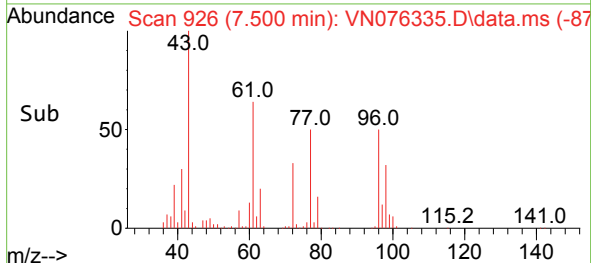
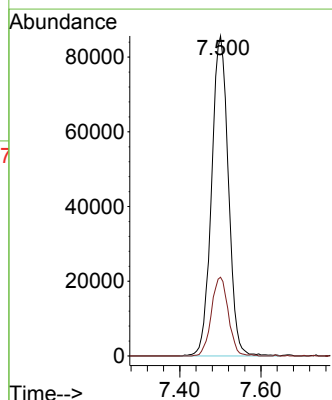
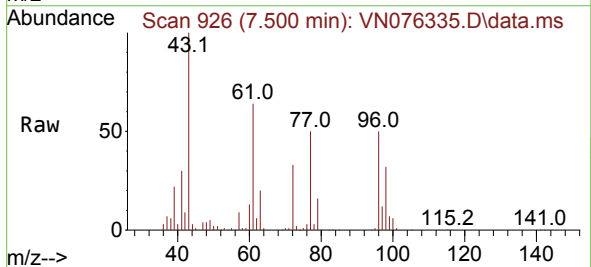
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

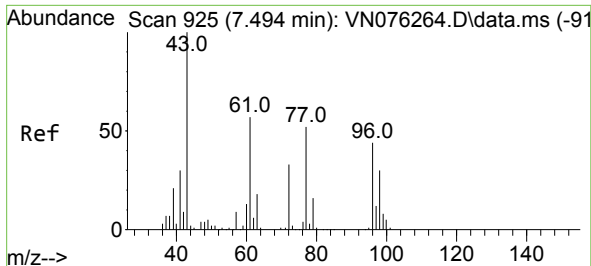
Tgt Ion: 43 Resp: 508735
Ion Ratio Lower Upper
43 100
72 32.3 27.4 41.2



#26
2,2-Dichloropropane
Concen: 37.788 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 77 Resp: 245553
Ion Ratio Lower Upper
77 100
97 24.7 11.8 35.4

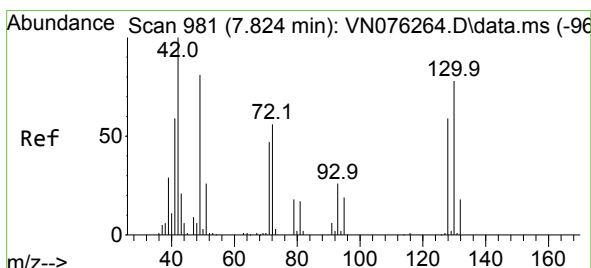
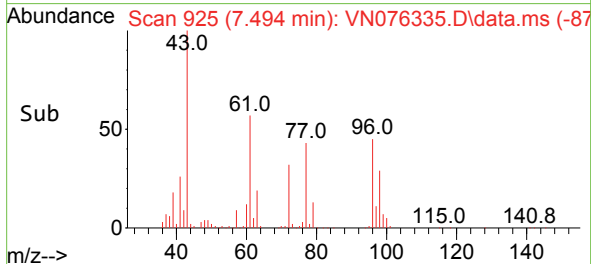
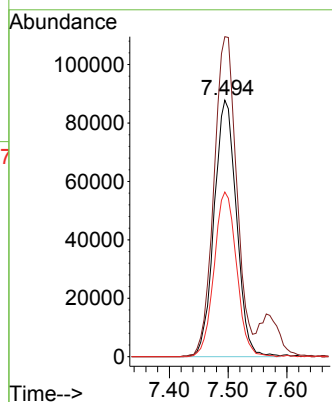
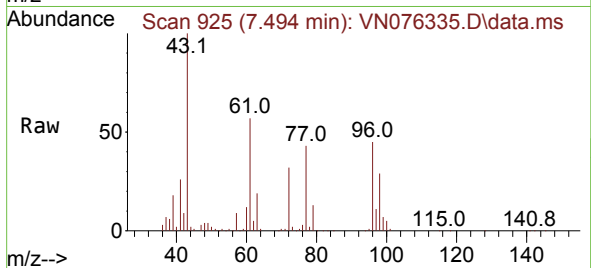




#27
 cis-1,2-Dichloroethene
 Concen: 43.576 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

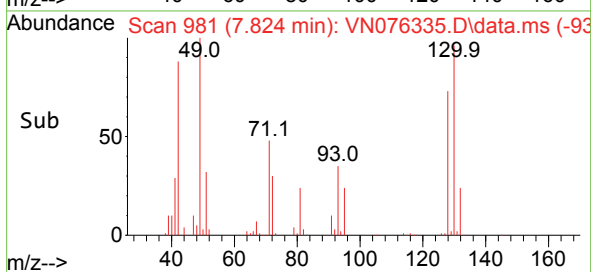
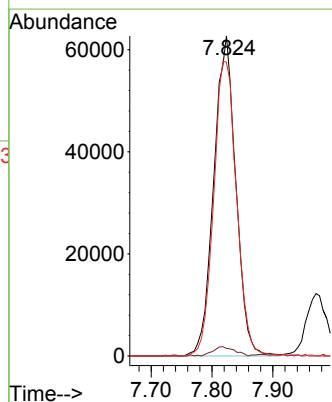
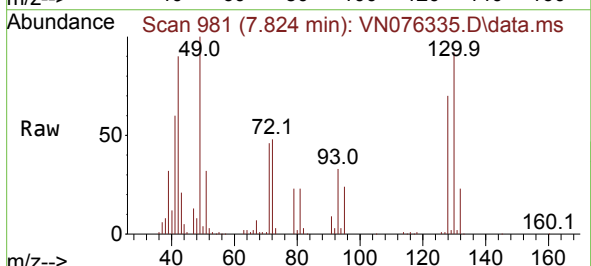
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

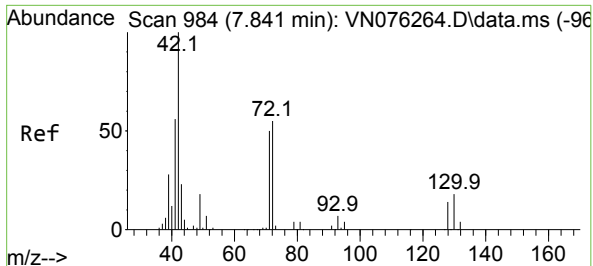
Tgt Ion: 96 Resp: 231735
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 259.6
 98 64.5 0.0 129.4



#28
 Bromochloromethane
 Concen: 50.417 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

Tgt Ion: 49 Resp: 157553
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.2
 130 95.5 76.0 114.0





#29

Tetrahydrofuran

Concen: 222.949 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

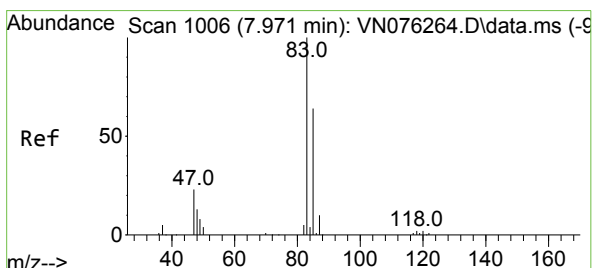
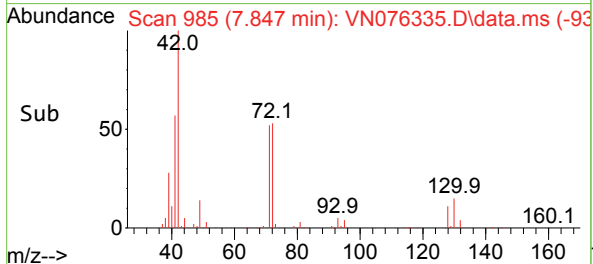
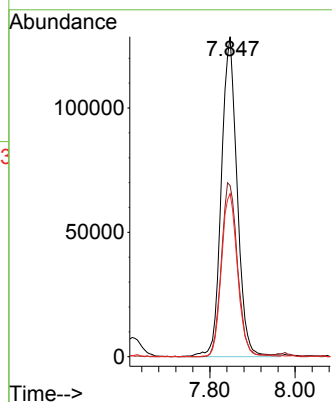
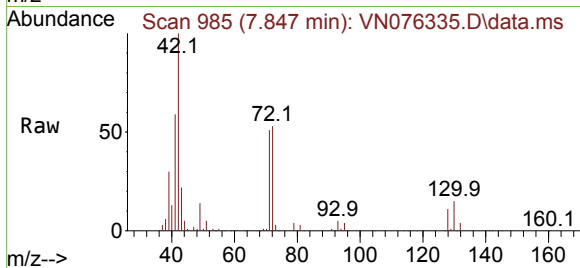
Tgt Ion: 42 Resp: 331463

Ion Ratio Lower Upper

42 100

72 55.6 44.0 66.0

71 51.8 41.1 61.7



#30

Chloroform

Concen: 44.224 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076335.D

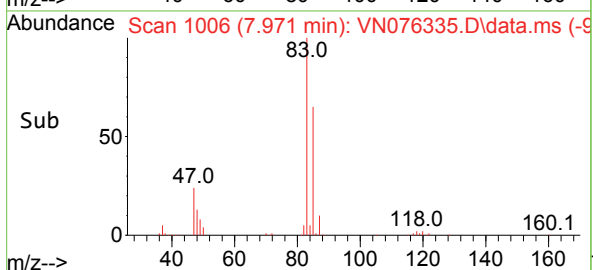
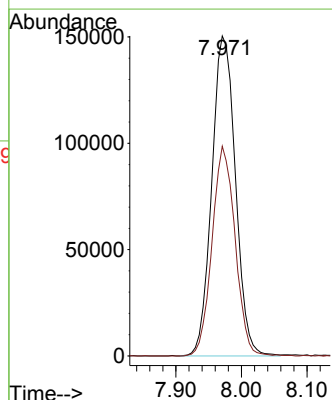
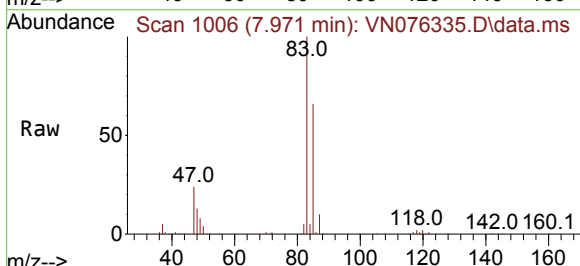
Acq: 19 Jan 2023 20:31

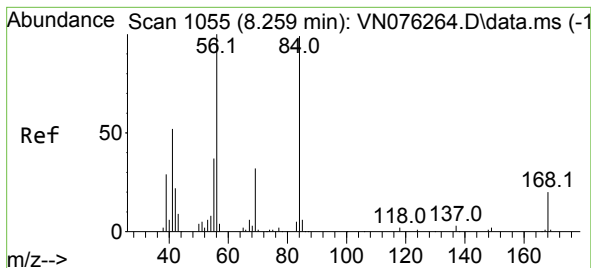
Tgt Ion: 83 Resp: 377279

Ion Ratio Lower Upper

83 100

85 65.6 51.0 76.6





#31

Cyclohexane

Concen: 37.833 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

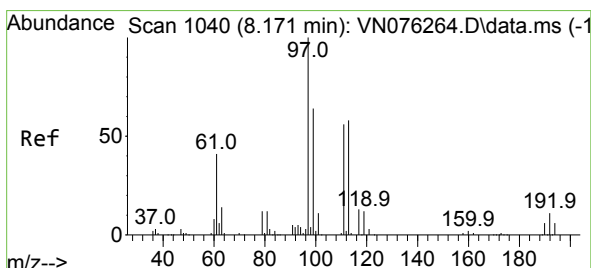
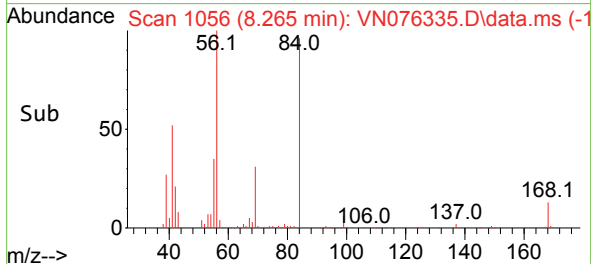
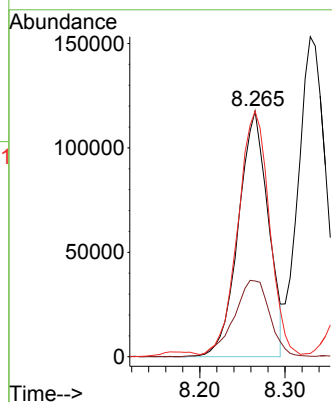
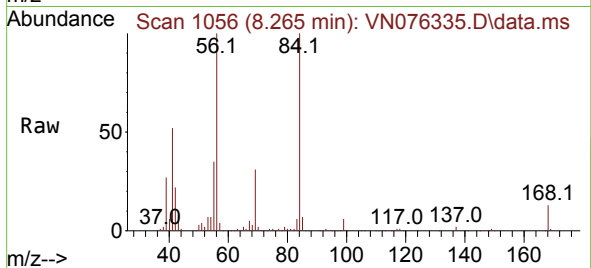
Tgt Ion: 56 Resp: 285944

Ion Ratio Lower Upper

56 100

69 30.8 25.8 38.8

84 98.0 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 43.844 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

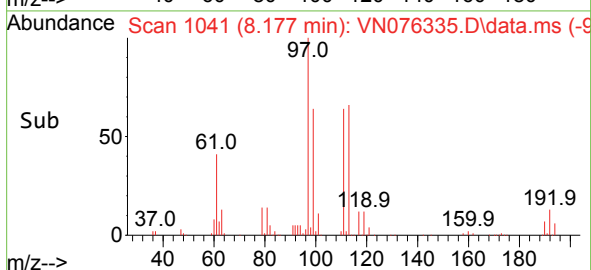
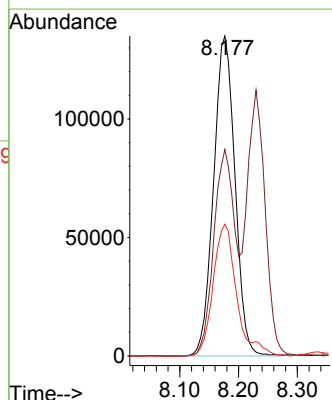
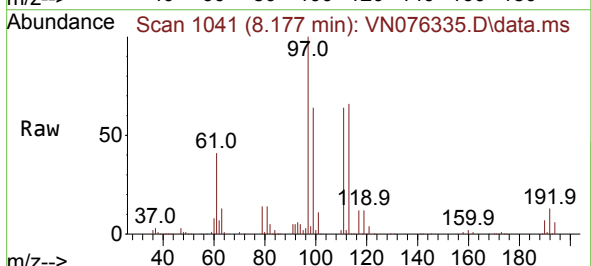
Tgt Ion: 97 Resp: 341489

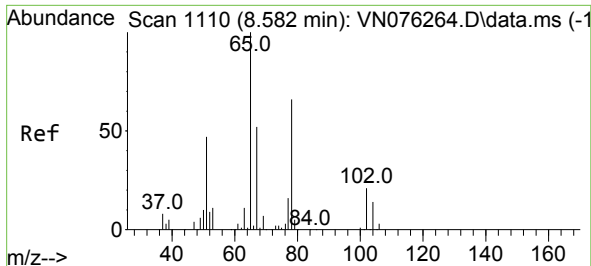
Ion Ratio Lower Upper

97 100

99 62.7 55.0 82.4

61 45.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 48.871 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

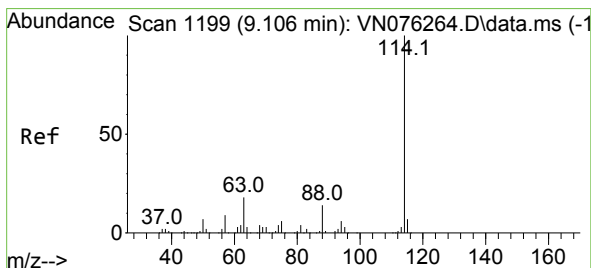
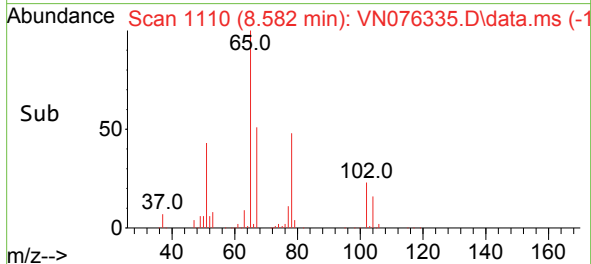
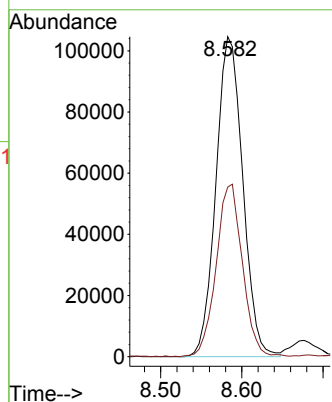
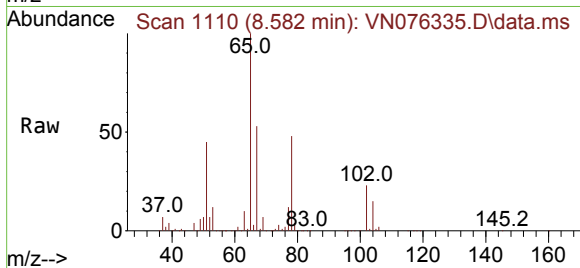
VSTDCCC050EC

Tgt Ion: 65 Resp: 240446

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

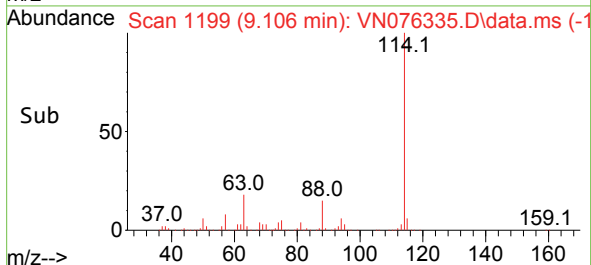
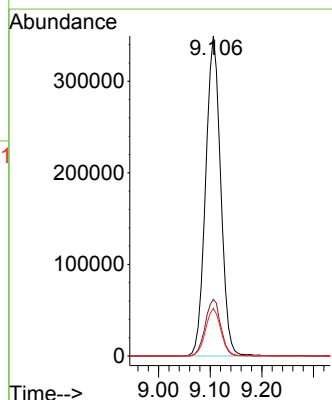
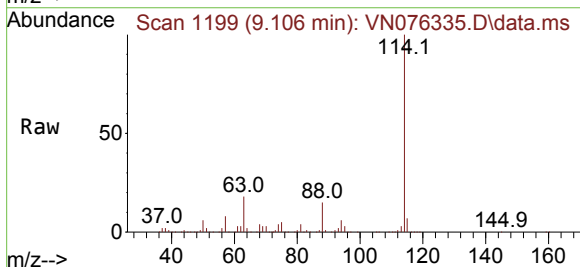
Tgt Ion: 114 Resp: 705512

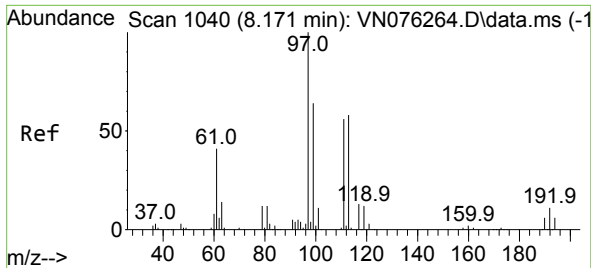
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.8

88 14.8 0.0 28.0

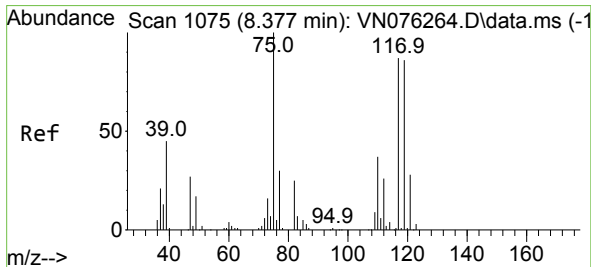
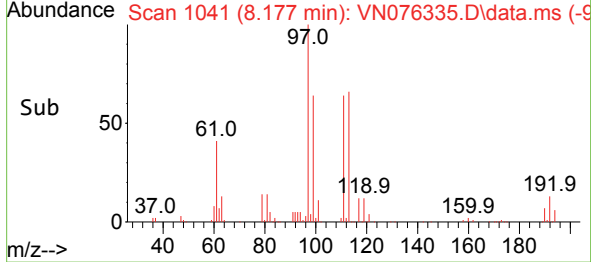
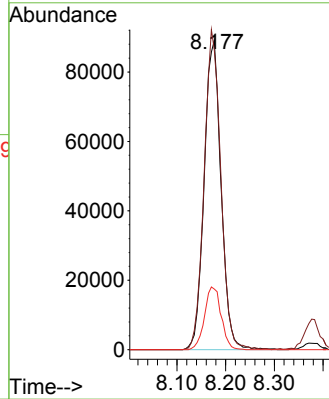
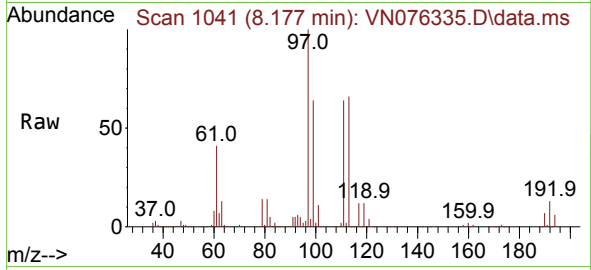




#35
Dibromofluoromethane
Concen: 48.714 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

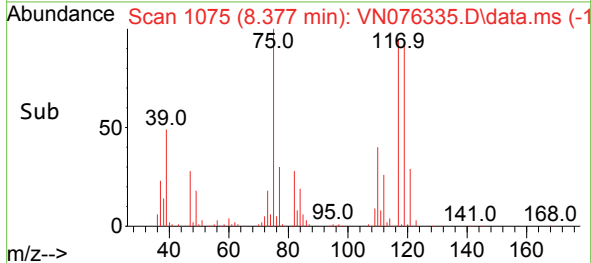
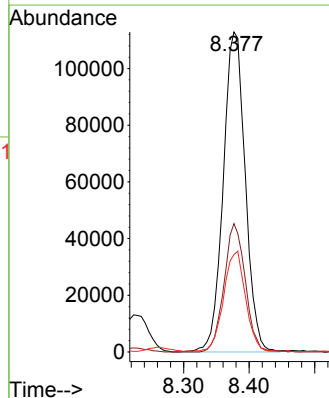
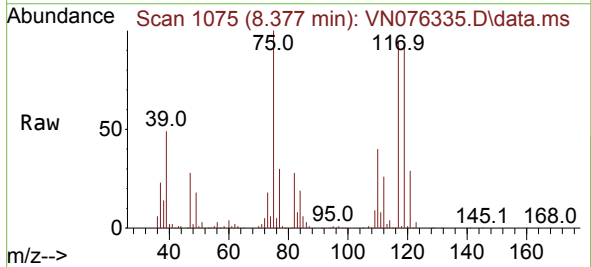
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

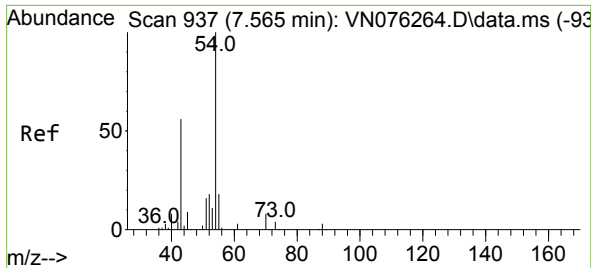
Tgt Ion:113 Resp: 214990
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 19.9 15.6 23.4



#36
1,1-Dichloropropene
Concen: 42.016 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 75 Resp: 263486
Ion Ratio Lower Upper
75 100
110 38.7 18.8 56.3
77 31.3 25.0 37.4

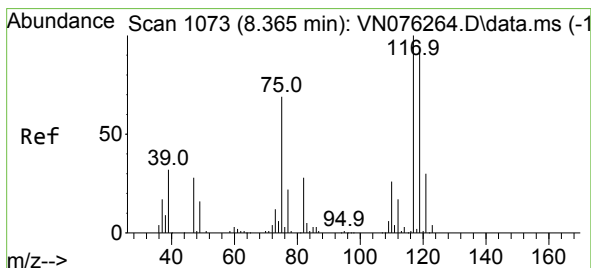
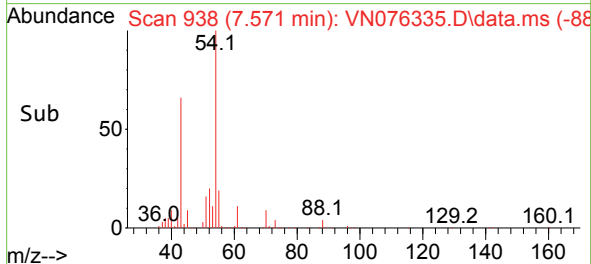
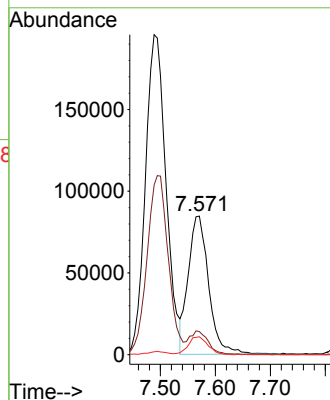
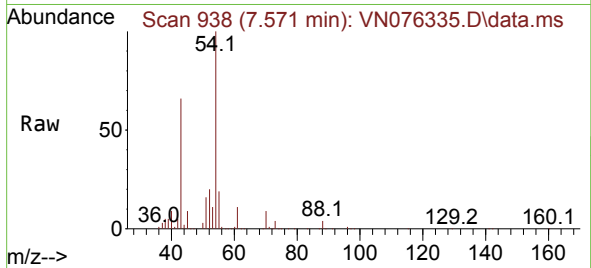




#37
Ethyl Acetate
Concen: 43.482 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

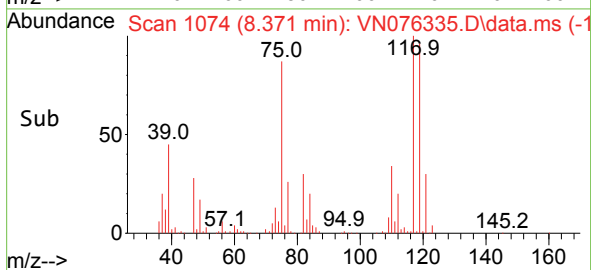
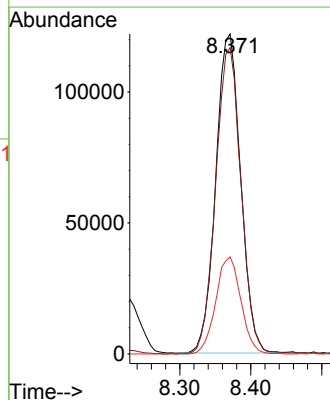
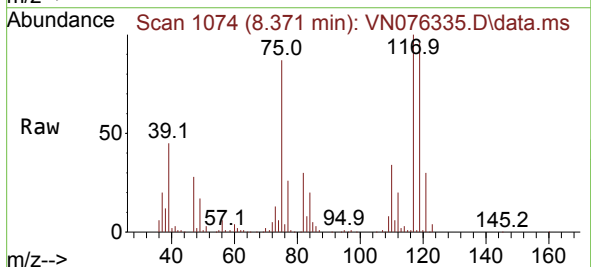
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

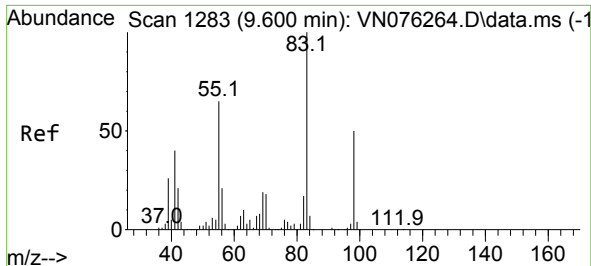
Tgt Ion: 43 Resp: 218695
Ion Ratio Lower Upper
43 100
61 14.8 11.1 16.7
70 12.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 42.350 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 117 Resp: 296164
Ion Ratio Lower Upper
117 100
119 95.9 75.4 113.0
121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 43.980 ug/l

RT: 9.606 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

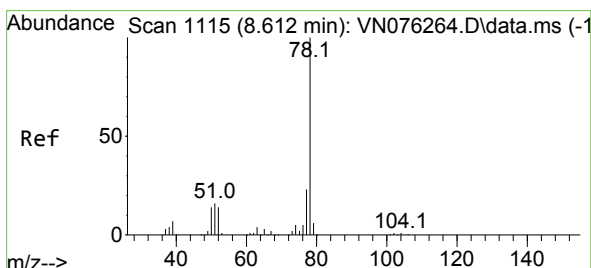
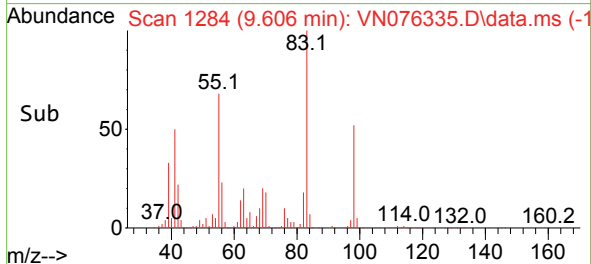
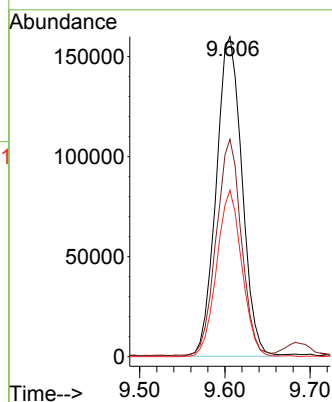
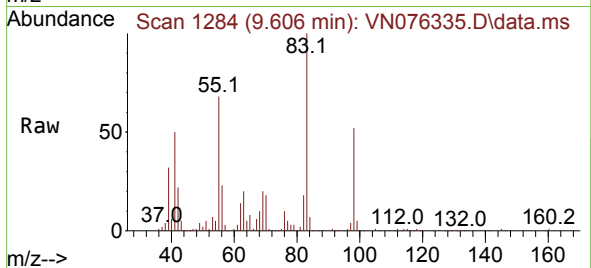
Tgt Ion: 83 Resp: 336809

Ion Ratio Lower Upper

83 100

55 67.5 51.7 77.5

98 52.1 40.0 60.0



#40

Benzene

Concen: 42.655 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076335.D

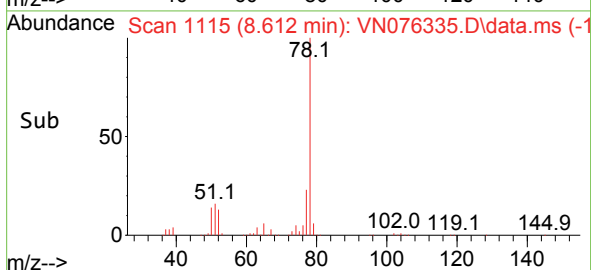
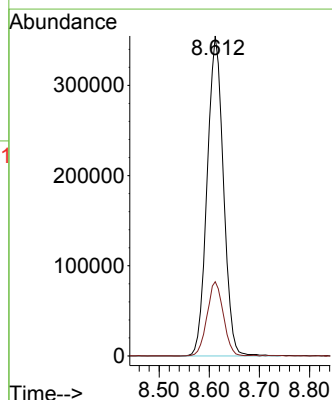
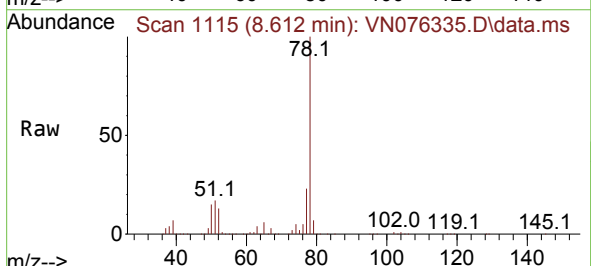
Acq: 19 Jan 2023 20:31

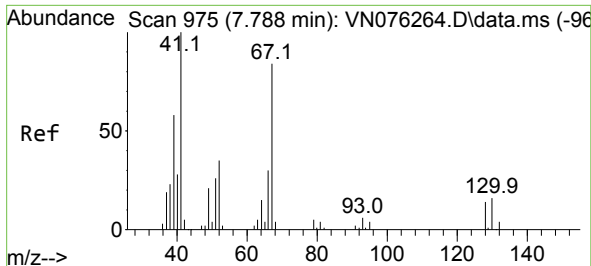
Tgt Ion: 78 Resp: 799849

Ion Ratio Lower Upper

78 100

77 23.2 18.6 28.0



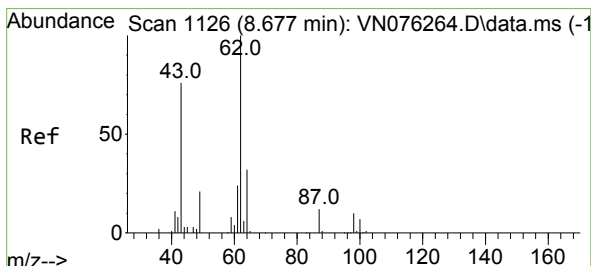
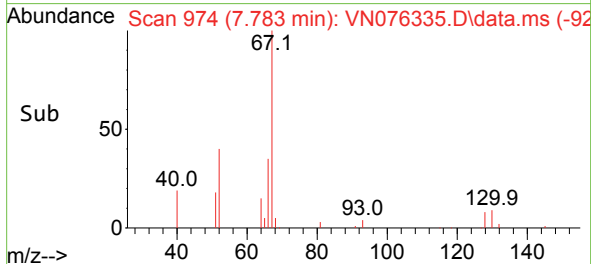
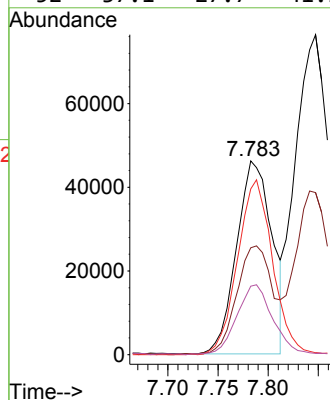
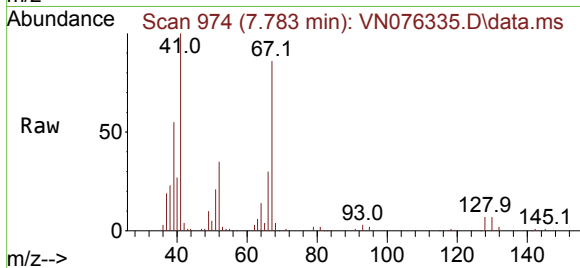


#41
Methacrylonitrile
Concen: 43.031 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 113330

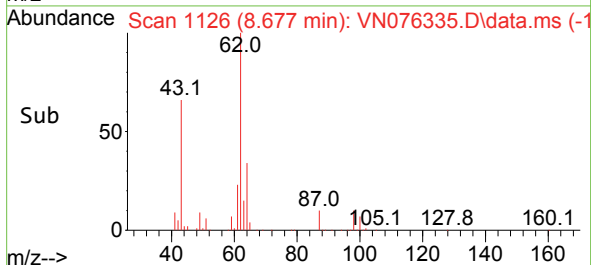
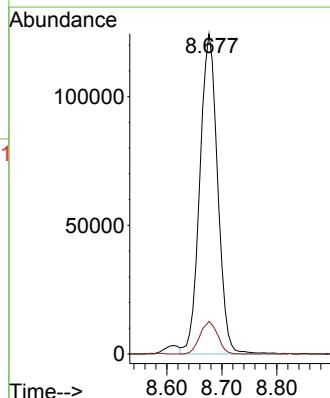
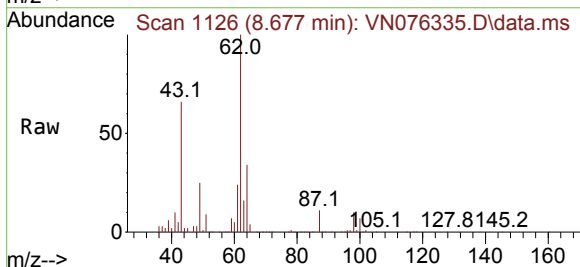
Ion	Ratio	Lower	Upper
41	100		
39	57.6	42.4	63.6
67	89.8	68.8	103.2
52	37.1	27.7	41.5

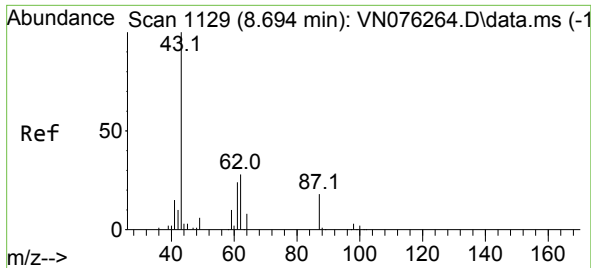


#42
1,2-Dichloroethane
Concen: 43.647 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 62 Resp: 280031

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4

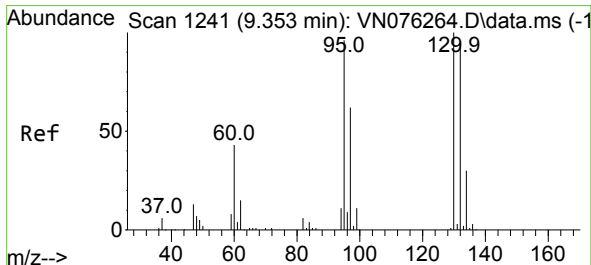
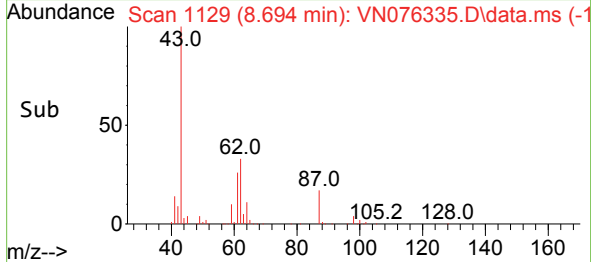
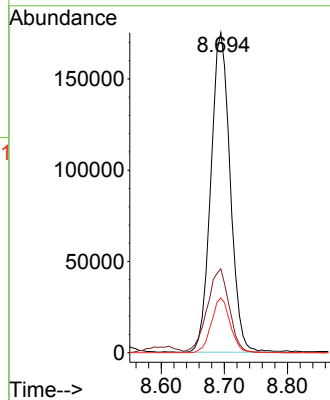
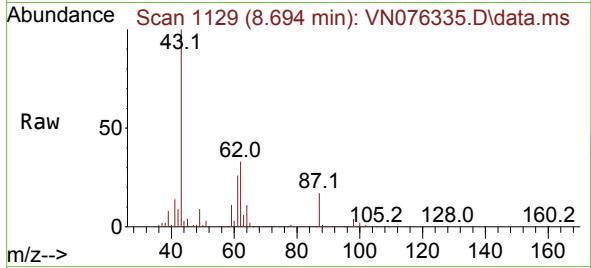




#43
Isopropyl Acetate
Concen: 45.494 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

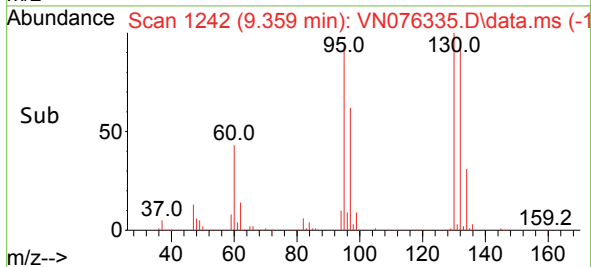
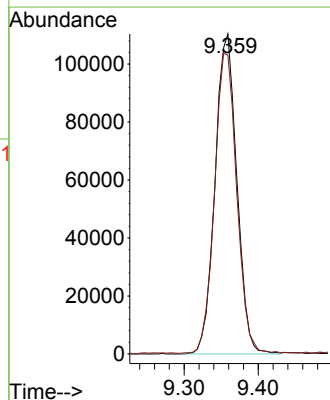
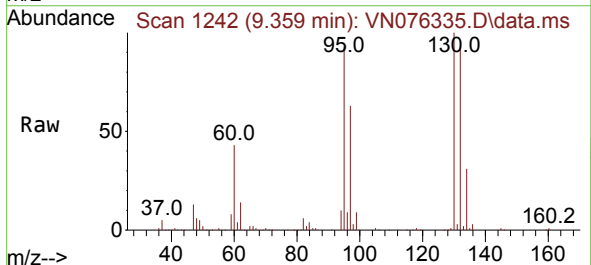
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

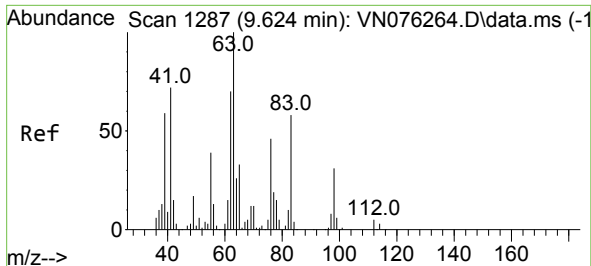
Tgt Ion: 43 Resp: 372269
Ion Ratio Lower Upper
43 100
61 29.9 23.5 35.3
87 16.7 13.8 20.6



#44
Trichloroethene
Concen: 42.473 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion:130 Resp: 225258
Ion Ratio Lower Upper
130 100
95 93.2 0.0 192.0





#45

1,2-Dichloropropane

Concen: 43.326 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

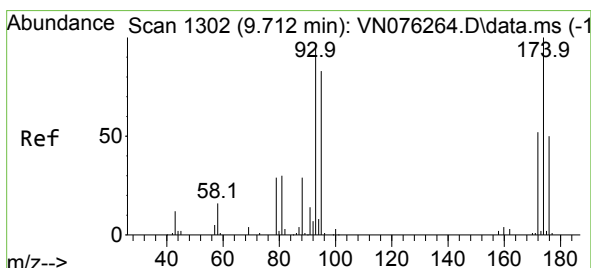
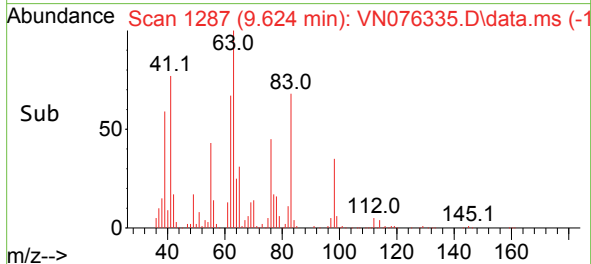
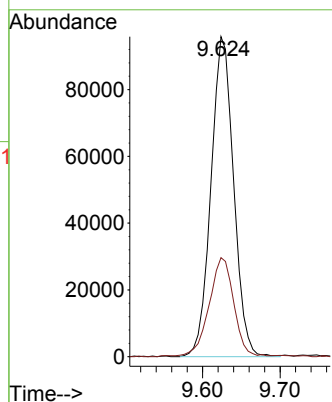
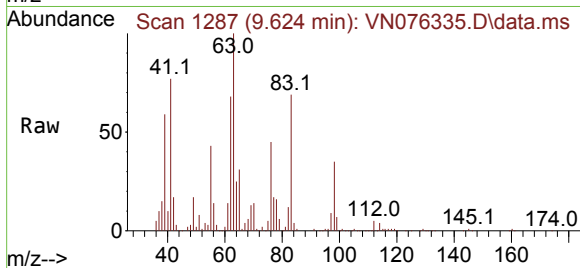
VSTDCCC050EC

Tgt Ion: 63 Resp: 194514

Ion Ratio Lower Upper

63 100

65 30.5 26.4 39.6



#46

Dibromomethane

Concen: 44.331 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

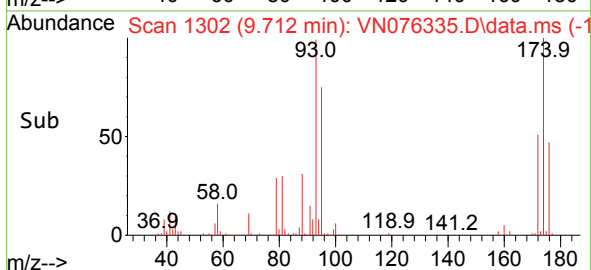
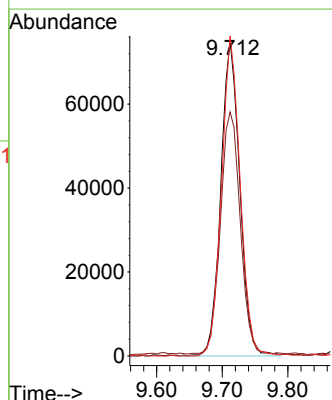
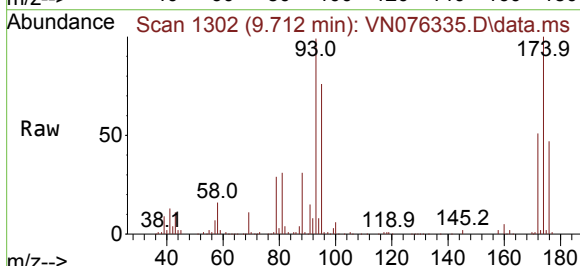
Tgt Ion: 93 Resp: 150269

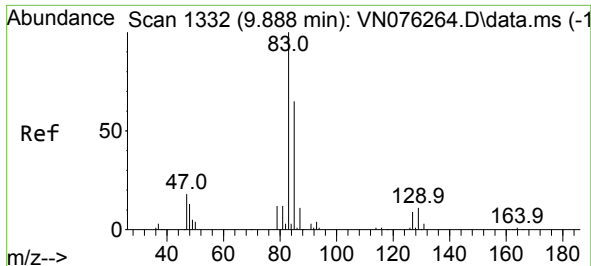
Ion Ratio Lower Upper

93 100

95 80.2 66.0 99.0

174 99.7 81.3 121.9

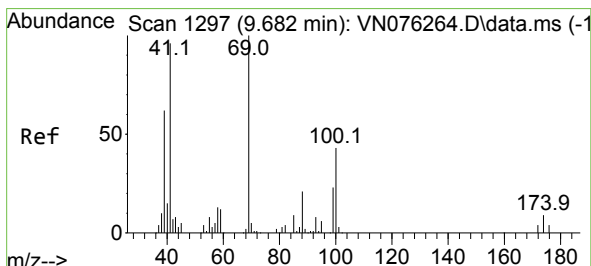
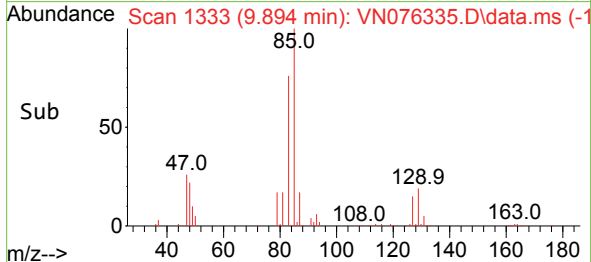
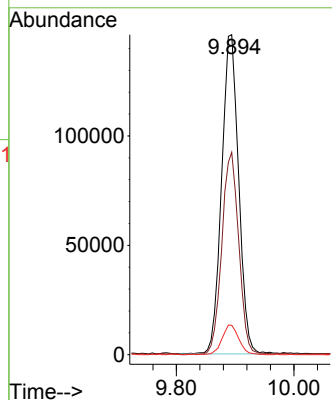
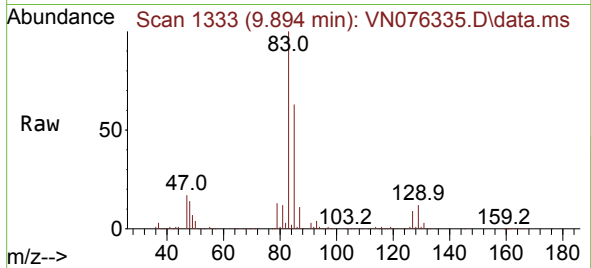




#47
Bromodichloromethane
Concen: 44.647 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

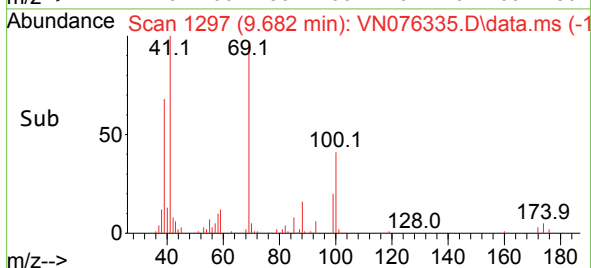
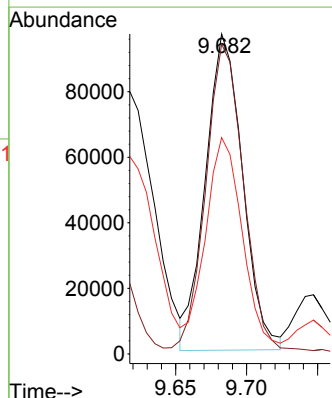
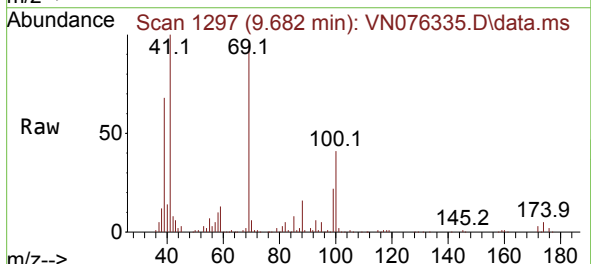
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

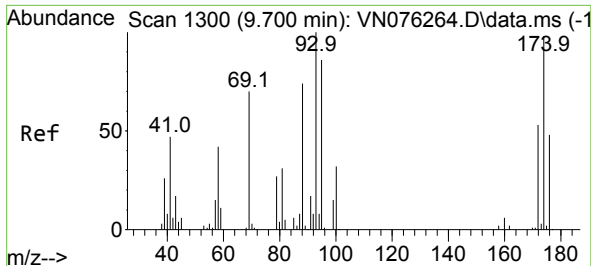
Tgt Ion: 83 Resp: 293523
Ion Ratio Lower Upper
83 100
85 63.3 52.1 78.1
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 45.389 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 41 Resp: 175834
Ion Ratio Lower Upper
41 100
69 99.2 80.8 121.2
39 68.8 54.4 81.6

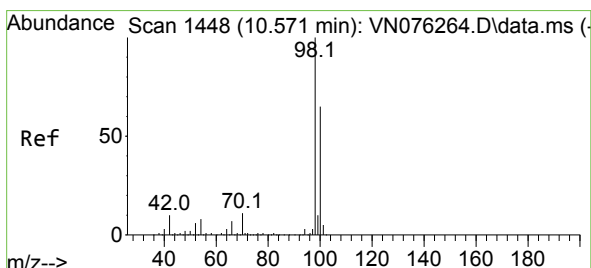
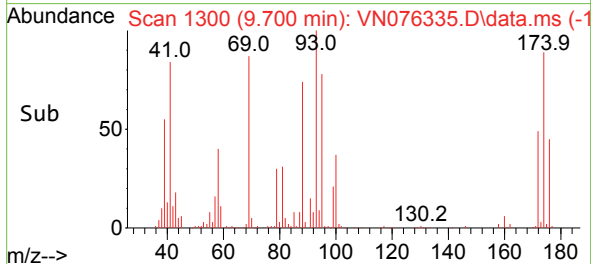
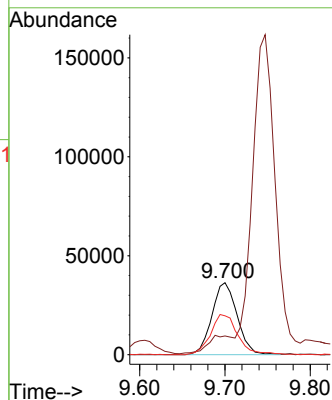
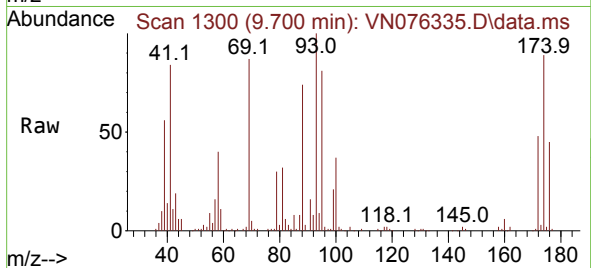




#49
1,4-Dioxane
Concen: 912.374 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

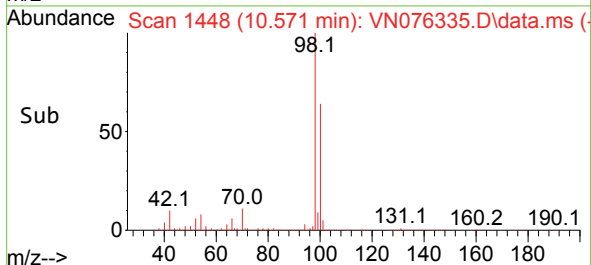
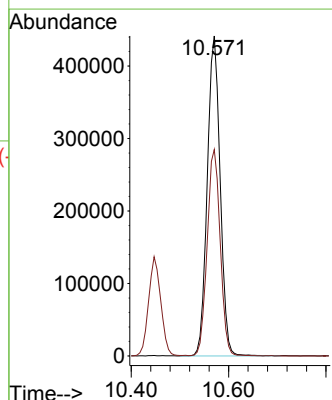
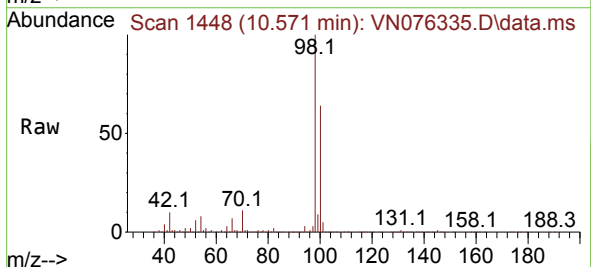
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

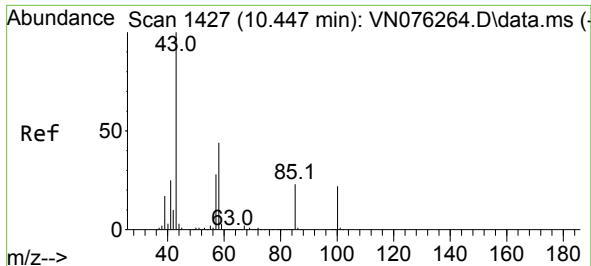
Tgt Ion: 88 Resp: 74579
Ion Ratio Lower Upper
88 100
43 22.5 18.1 27.1
58 60.7 46.5 69.7



#50
Toluene-d8
Concen: 49.612 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 98 Resp: 808612
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

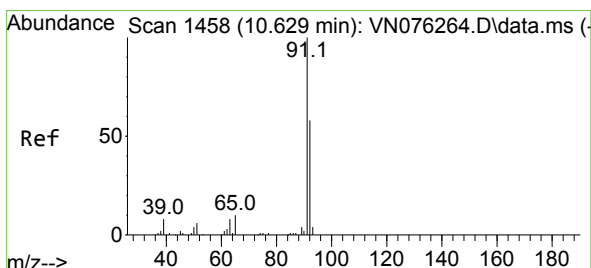
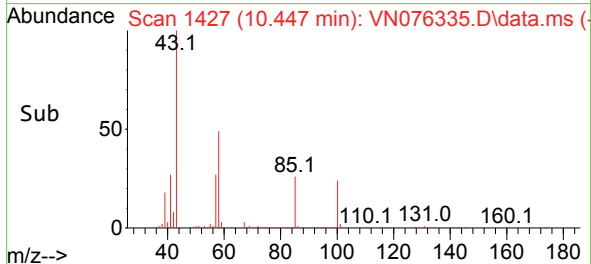
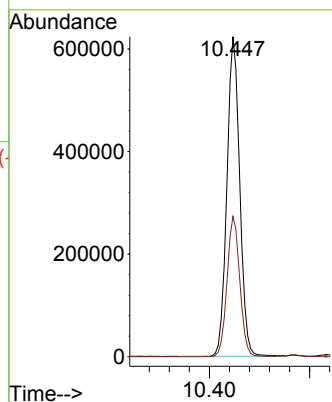
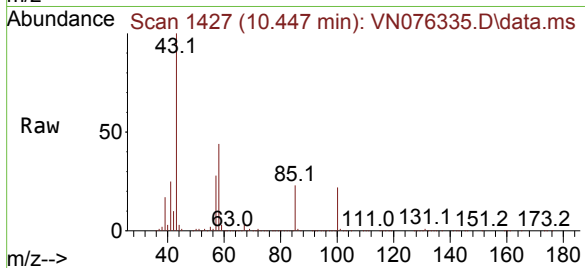




#51
4-Methyl-2-Pentanone
Concen: 230.874 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

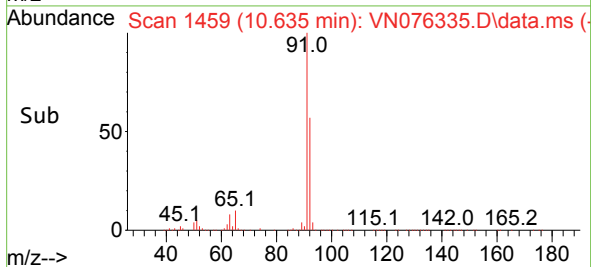
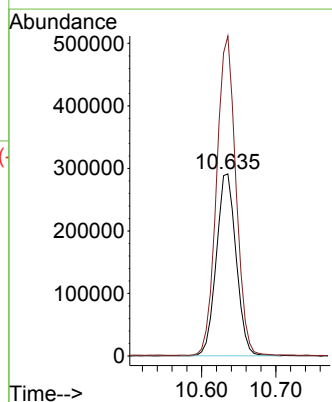
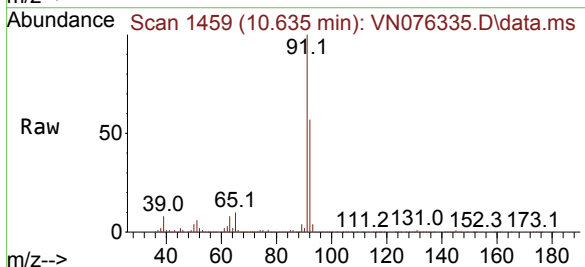
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

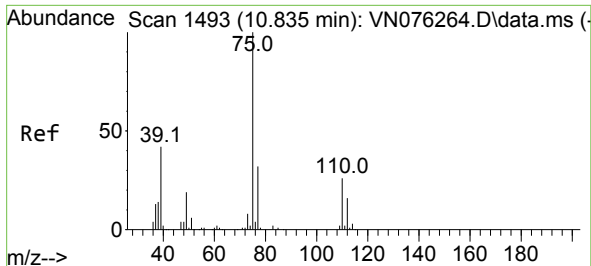
Tgt Ion: 43 Resp: 1109041
Ion Ratio Lower Upper
43 100
58 43.6 35.1 52.7



#52
Toluene
Concen: 43.040 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 92 Resp: 539715
Ion Ratio Lower Upper
92 100
91 171.3 136.6 205.0

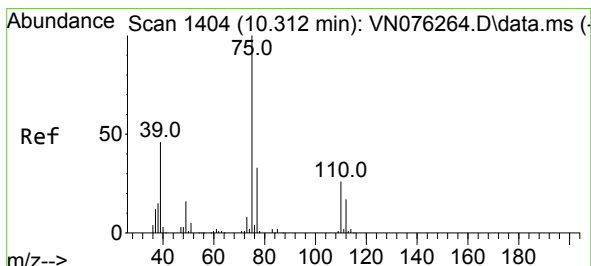
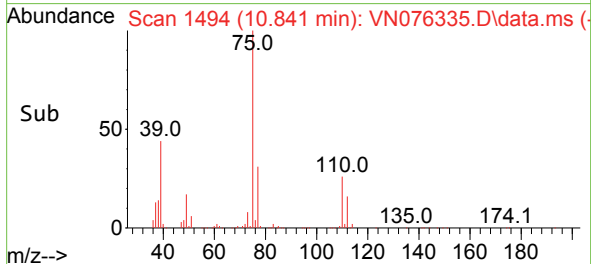
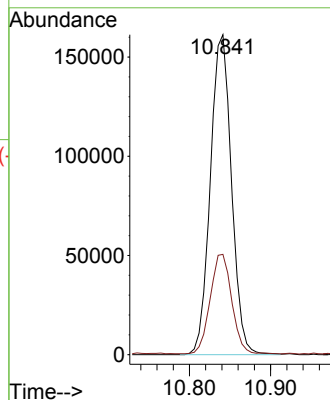
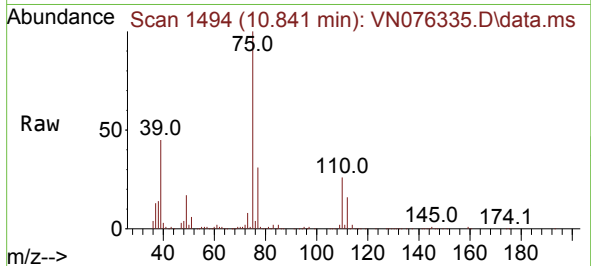




#53
 t-1,3-Dichloropropene
 Concen: 46.556 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

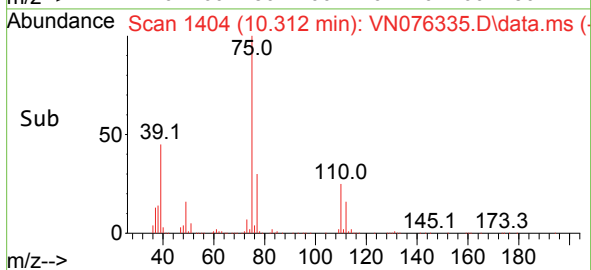
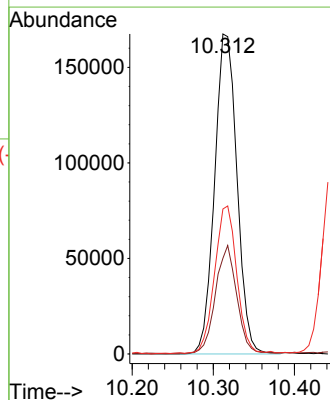
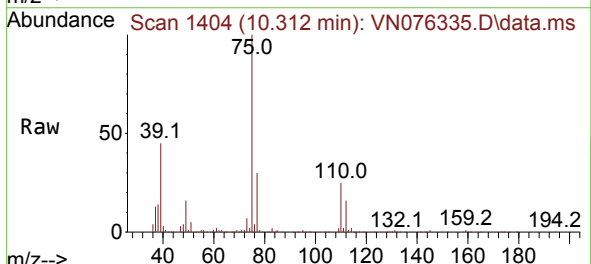
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

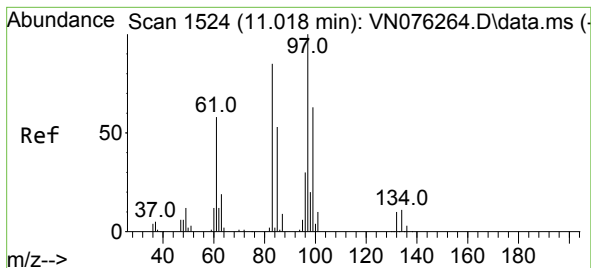
Tgt Ion: 75 Resp: 291776
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 44.584 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

Tgt Ion: 75 Resp: 321462
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.5 39.7
 39 45.0 37.1 55.7



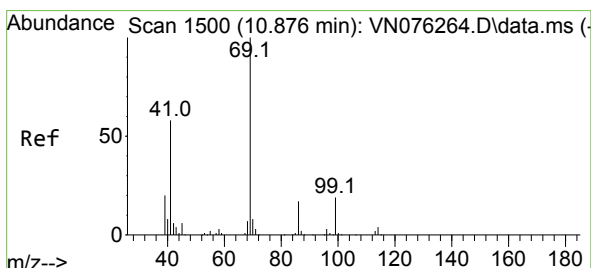
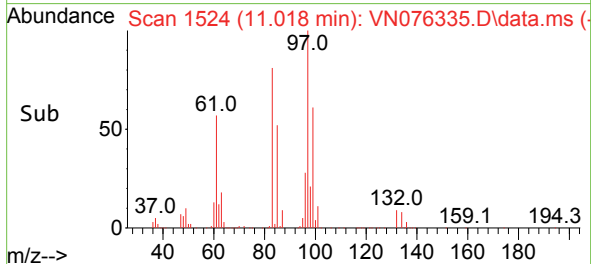
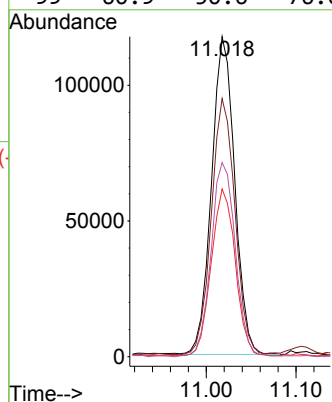
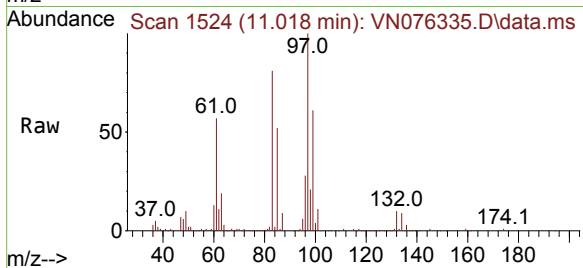


#55
 1,1,2-Trichloroethane
 Concen: 43.807 ug/l
 RT: 11.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 209975

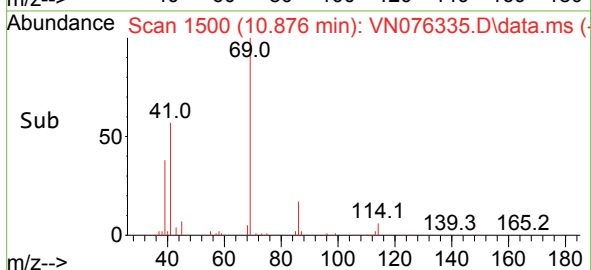
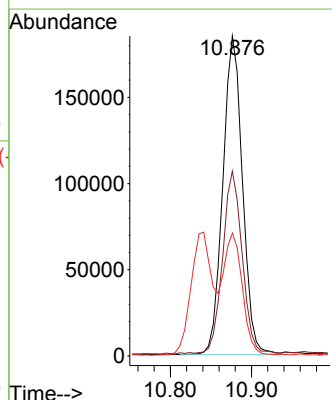
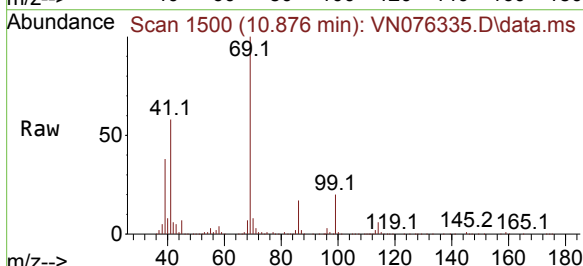
Ion	Ratio	Lower	Upper
97	100		
83	80.6	67.8	101.6
85	52.4	42.3	63.5
99	60.9	50.6	76.0

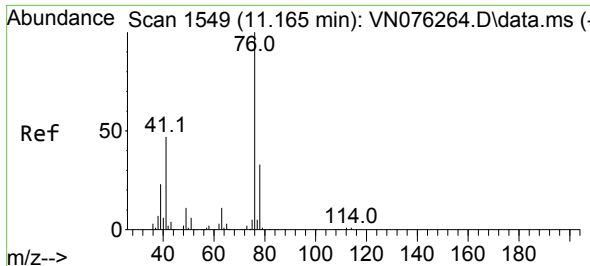


#56
 Ethyl methacrylate
 Concen: 50.339 ug/l
 RT: 10.876 min Scan# 1500
 Delta R.T. 0.000 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

Tgt Ion: 69 Resp: 311505

Ion	Ratio	Lower	Upper
69	100		
41	57.4	45.3	67.9
39	36.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 44.429 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

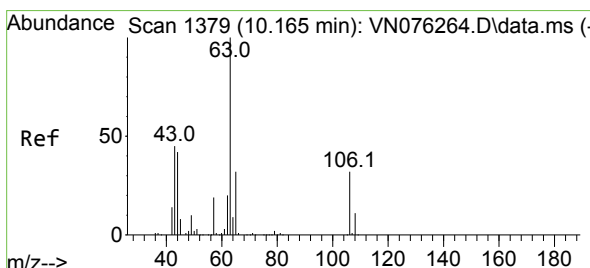
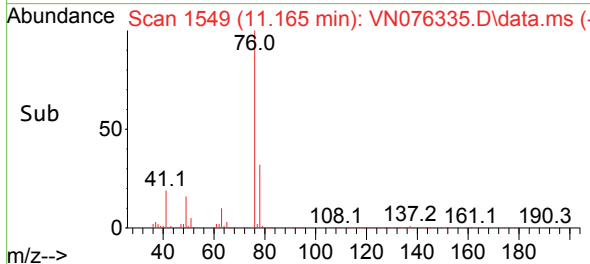
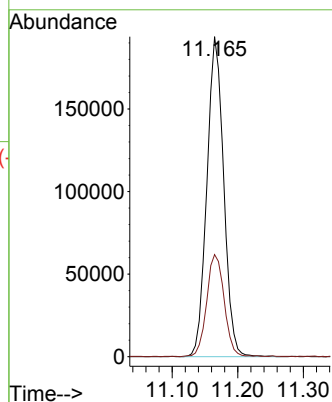
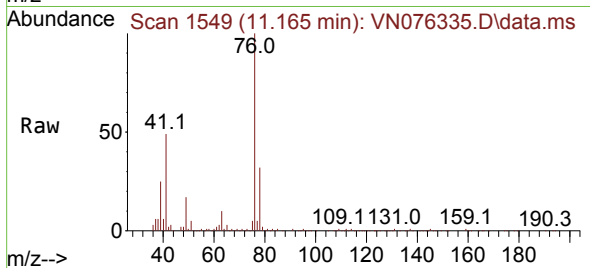
VSTDCCC050EC

Tgt Ion: 76 Resp: 346070

Ion Ratio Lower Upper

76 100

78 33.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 242.759 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076335.D

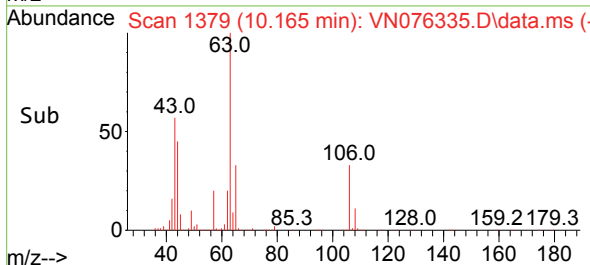
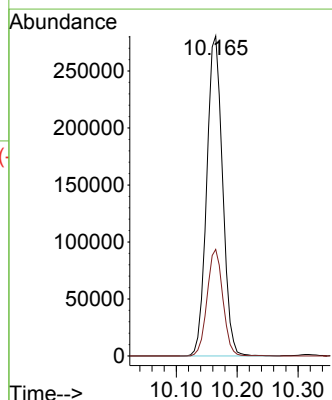
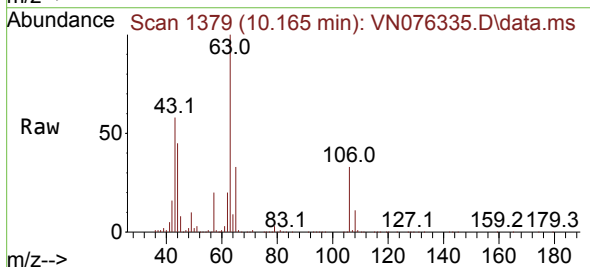
Acq: 19 Jan 2023 20:31

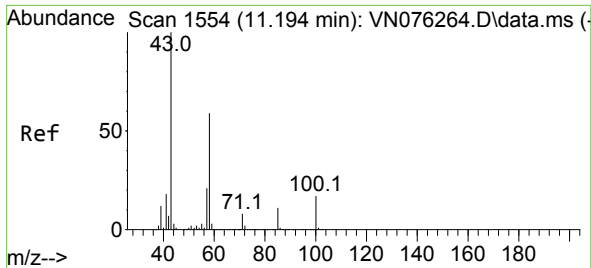
Tgt Ion: 63 Resp: 507141

Ion Ratio Lower Upper

63 100

106 33.2 26.2 39.2

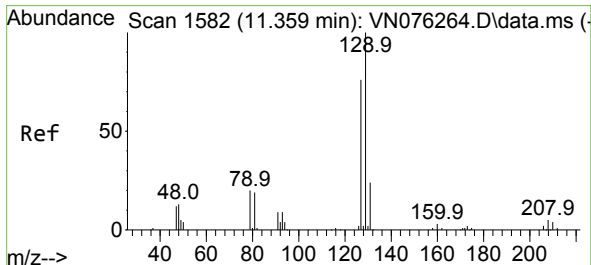
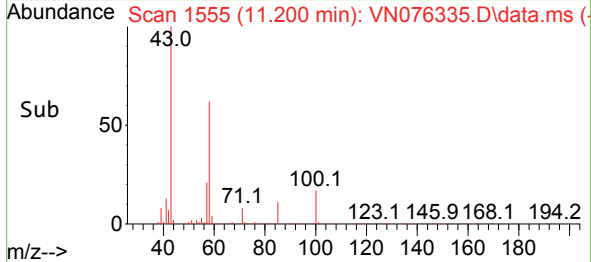
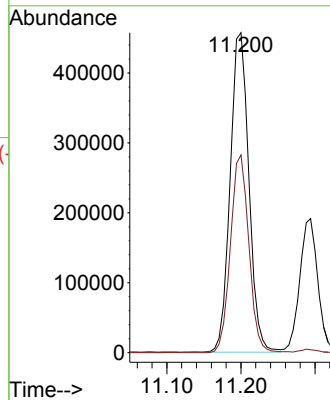
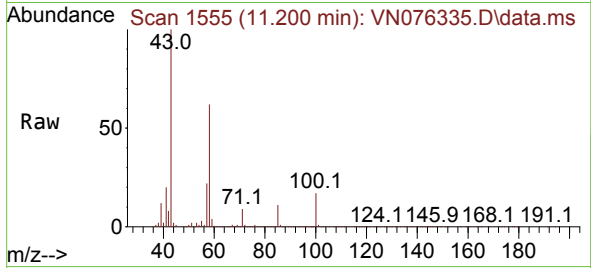




#59
2-Hexanone
Concen: 229.803 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

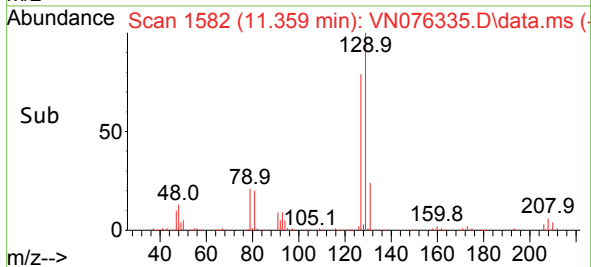
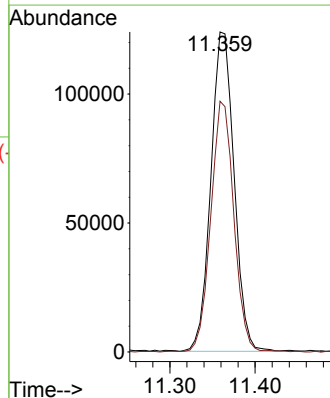
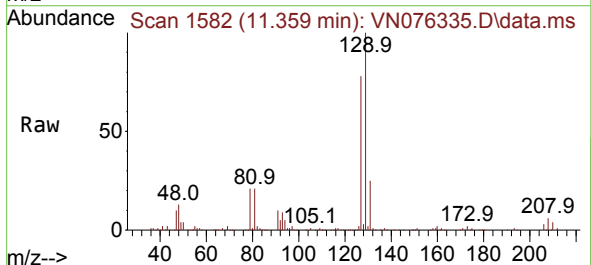
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

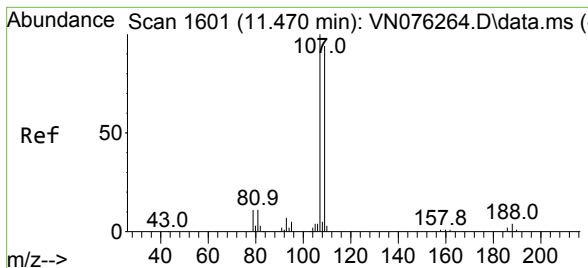
Tgt Ion: 43 Resp: 799945
Ion Ratio Lower Upper
43 100
58 61.1 30.1 90.3



#60
Dibromochloromethane
Concen: 46.439 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 129 Resp: 234318
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1

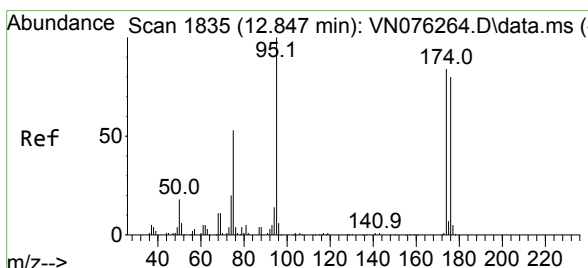
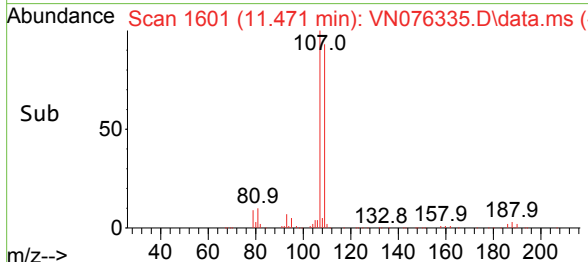
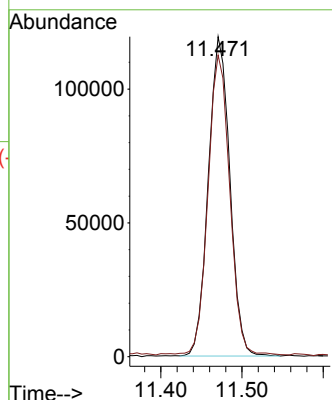
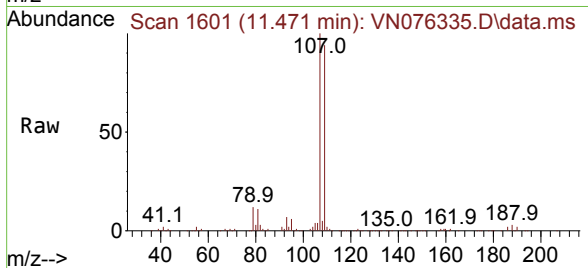




#61
1,2-Dibromoethane
Concen: 46.010 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

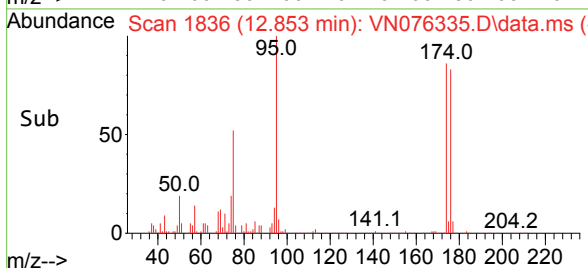
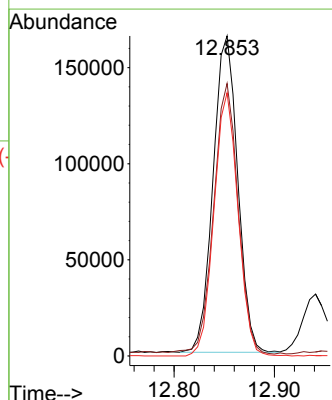
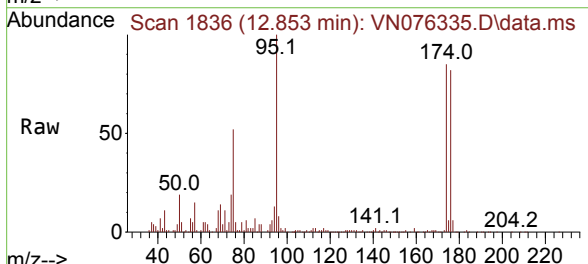
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

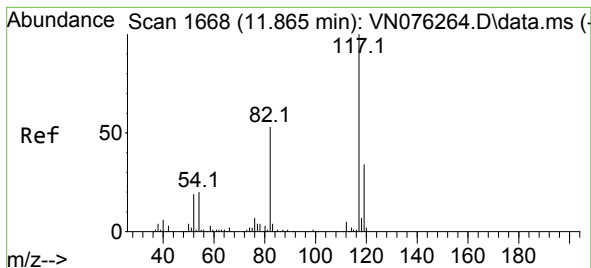
Tgt Ion:107 Resp: 220131
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 52.848 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 95 Resp: 281191
Ion Ratio Lower Upper
95 100
174 85.1 0.0 174.6
176 81.0 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

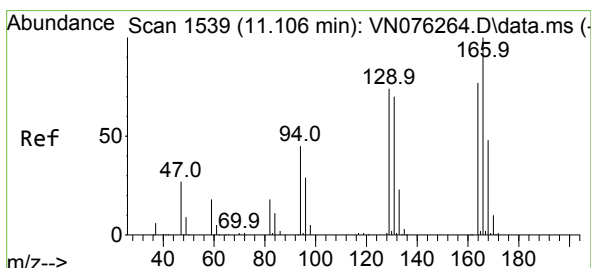
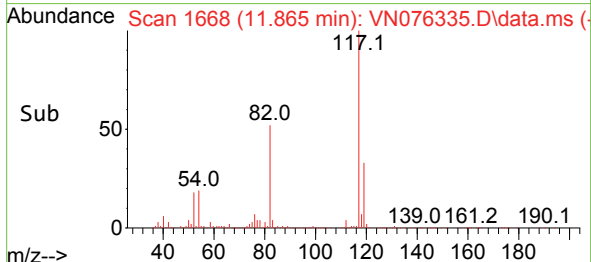
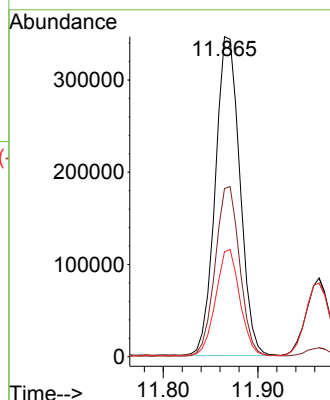
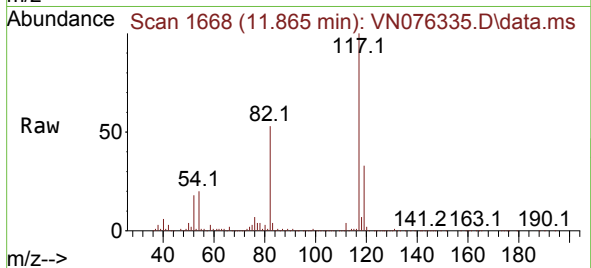
Tgt Ion:117 Resp: 623163

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.2

119 32.5 26.9 40.3



#64

Tetrachloroethene

Concen: 39.976 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Tgt Ion:164 Resp: 224658

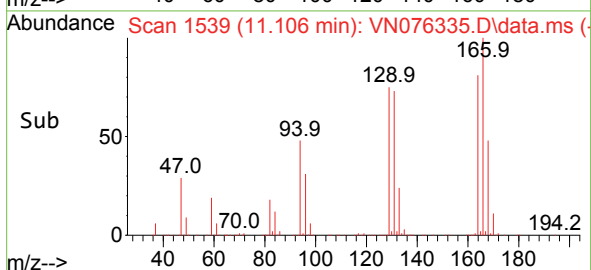
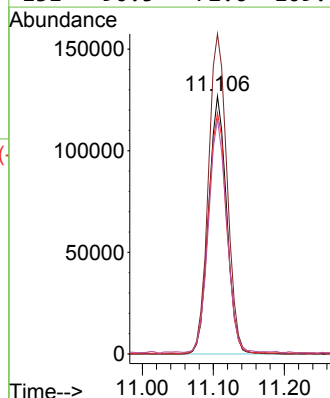
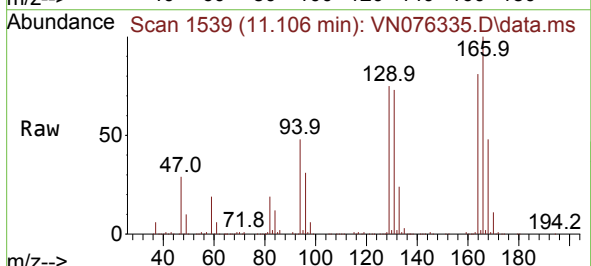
Ion Ratio Lower Upper

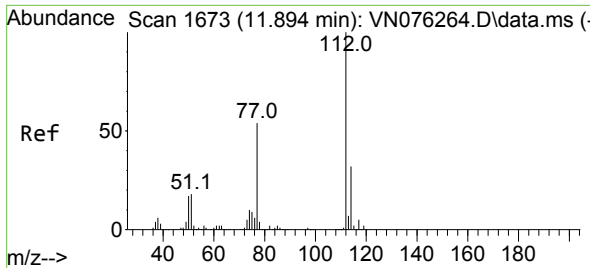
164 100

166 124.1 104.0 156.0

129 93.3 76.6 114.8

131 90.5 72.6 109.0

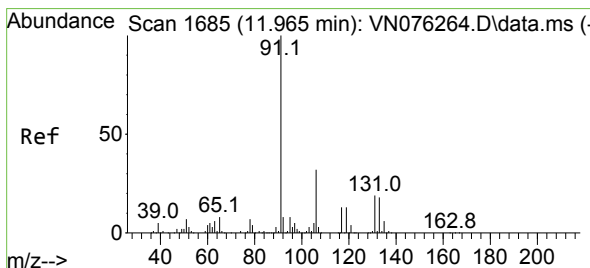
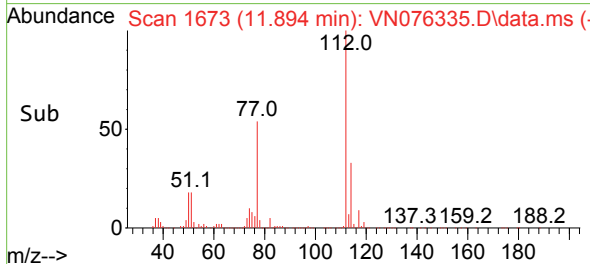
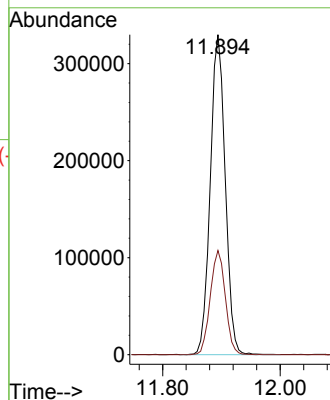
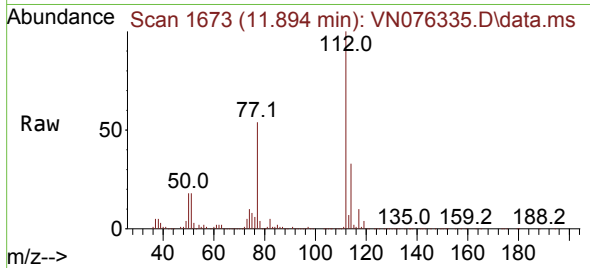




#65
Chlorobenzene
Concen: 44.179 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

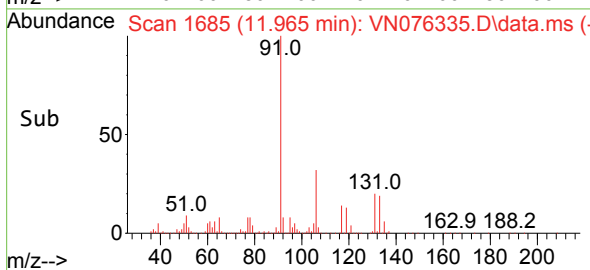
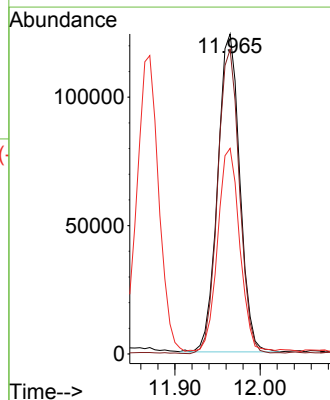
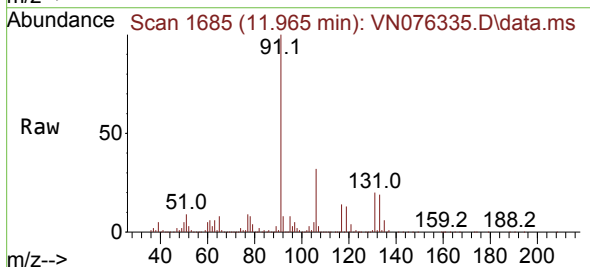
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

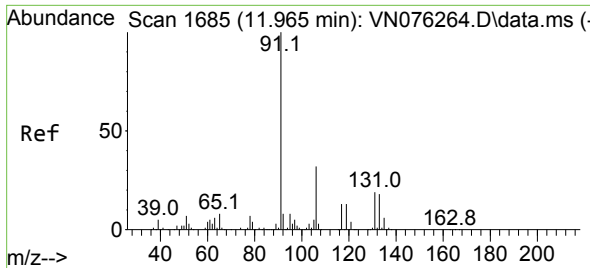
Tgt Ion:112 Resp: 581961
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 45.745 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion:131 Resp: 224201
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.2
119 62.5 32.3 96.8

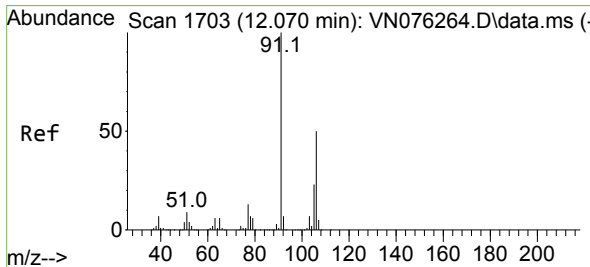
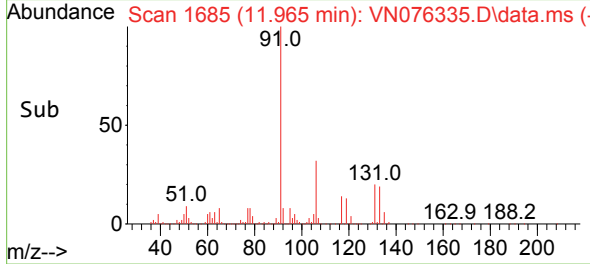
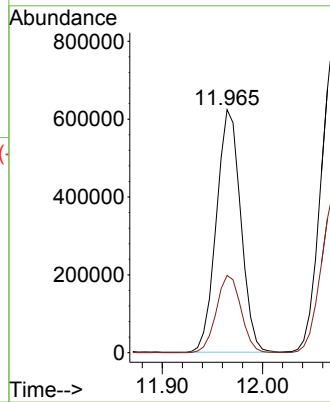
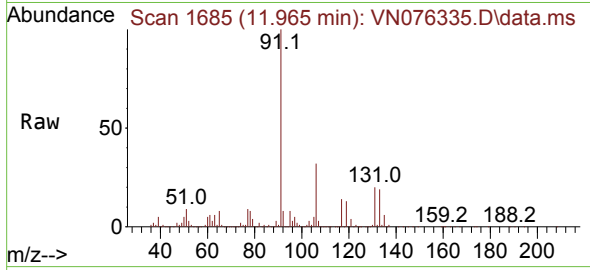




#67
Ethyl Benzene
Concen: 46.666 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

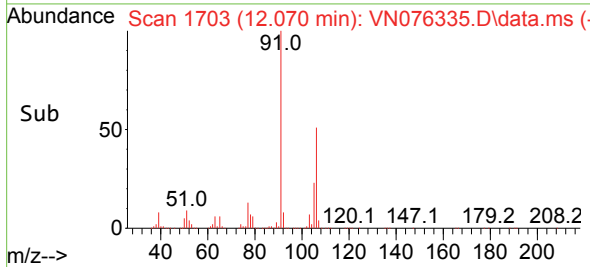
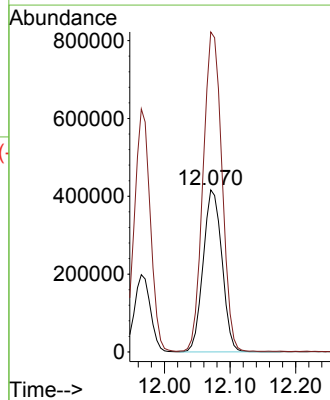
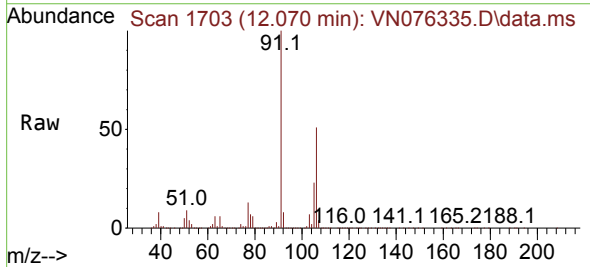
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

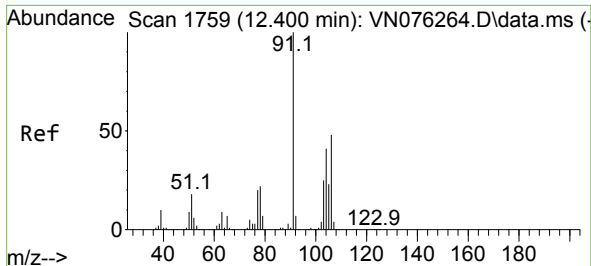
Tgt Ion: 91 Resp: 1052084
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 91.876 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion:106 Resp: 830582
Ion Ratio Lower Upper
106 100
91 197.4 157.5 236.3

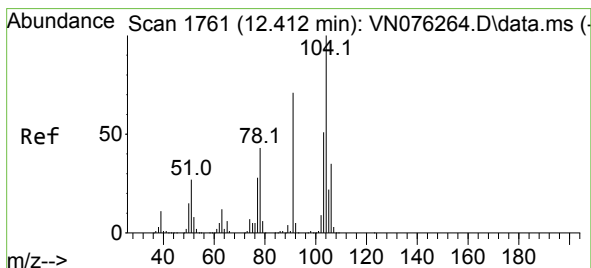
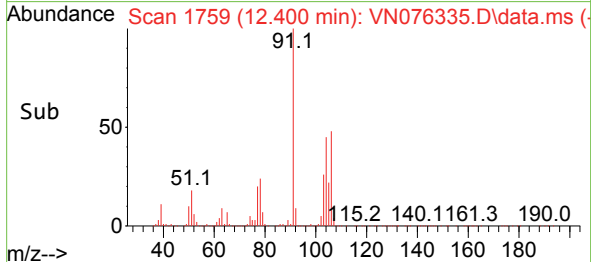
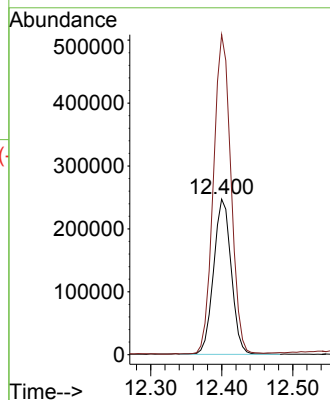
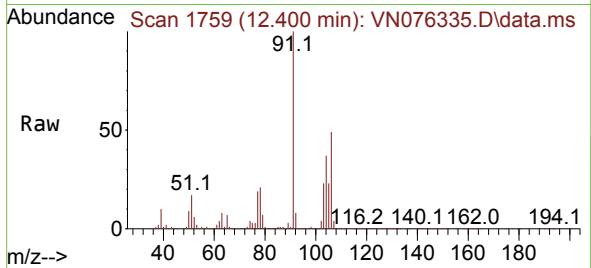




#69
o-Xylene
Concen: 47.742 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

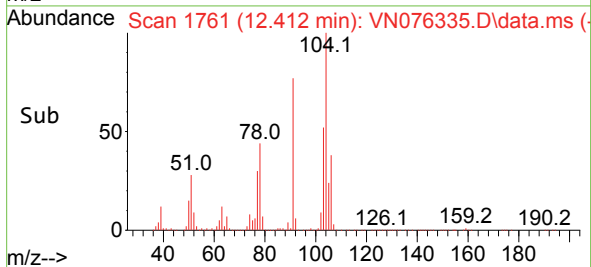
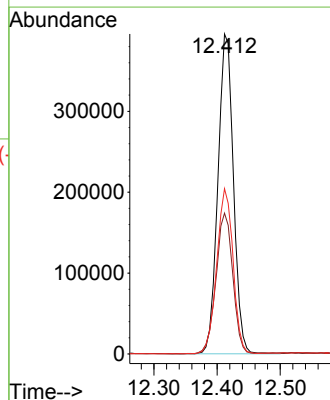
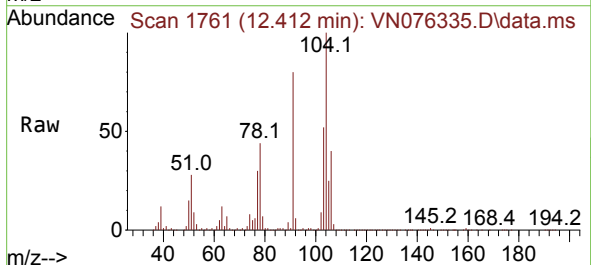
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

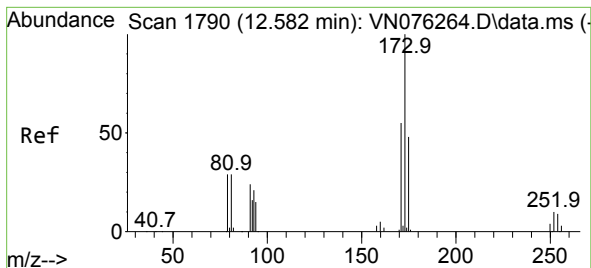
Tgt Ion:106 Resp: 423852
Ion Ratio Lower Upper
106 100
91 204.8 103.2 309.4



#70
Styrene
Concen: 47.693 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion:104 Resp: 676058
Ion Ratio Lower Upper
104 100
78 47.7 37.4 56.0
103 54.2 44.2 66.2





#71

Bromoform

Concen: 46.974 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

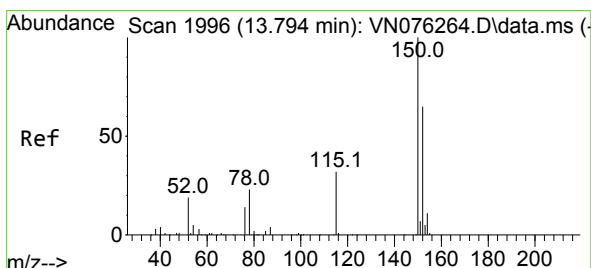
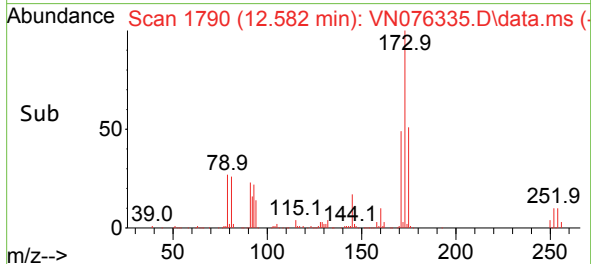
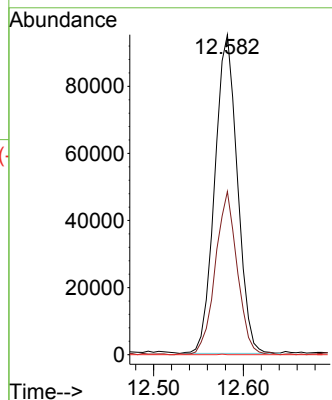
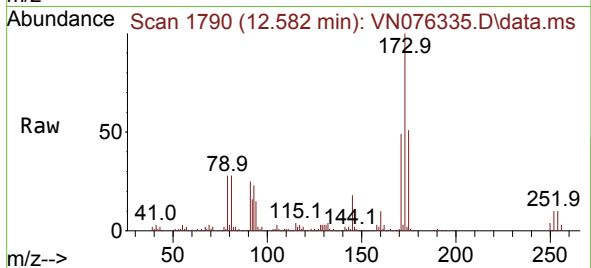
Tgt Ion:173 Resp: 166264

Ion Ratio Lower Upper

173 100

175 49.8 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

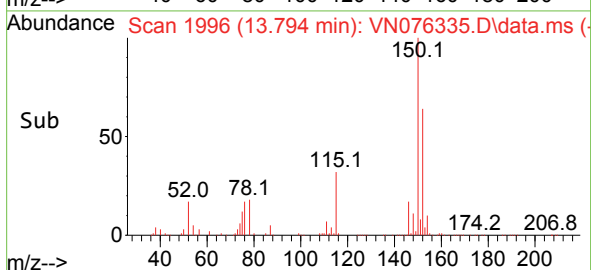
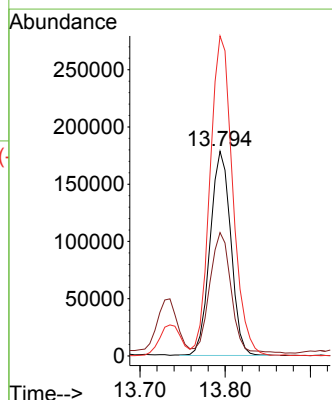
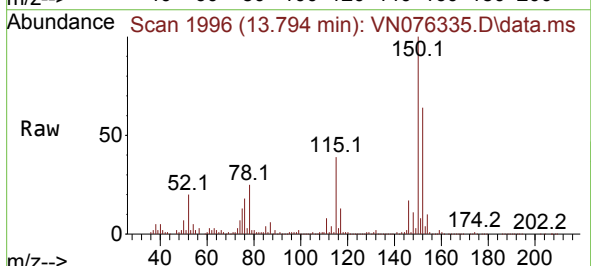
Tgt Ion:152 Resp: 301777

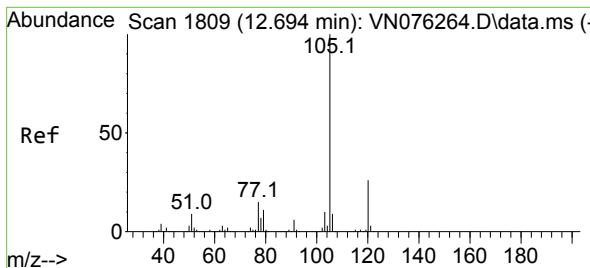
Ion Ratio Lower Upper

152 100

115 60.5 29.6 88.9

150 171.3 0.0 351.4





#73

Isopropylbenzene

Concen: 46.571 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

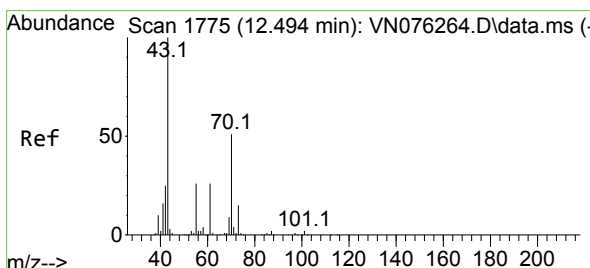
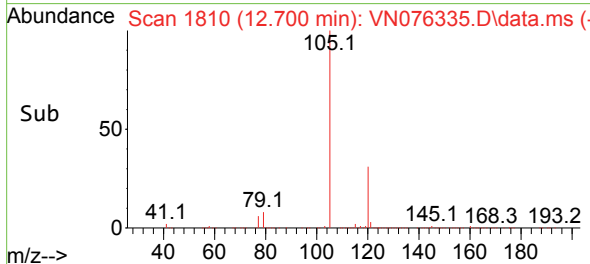
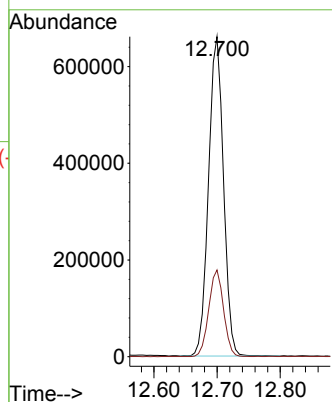
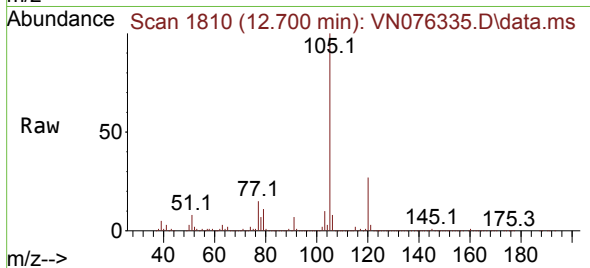
VSTDCCC050EC

Tgt Ion:105 Resp: 1087232

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 50.957 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Tgt Ion: 43 Resp: 342196

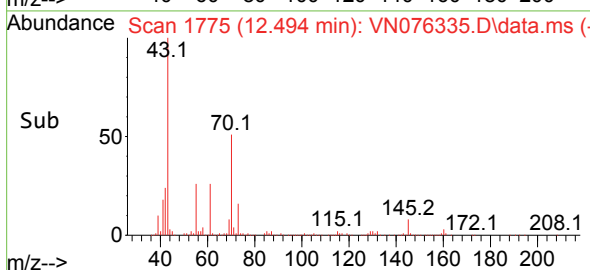
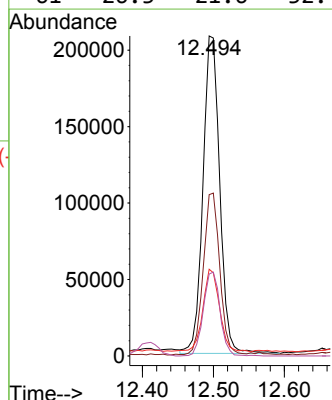
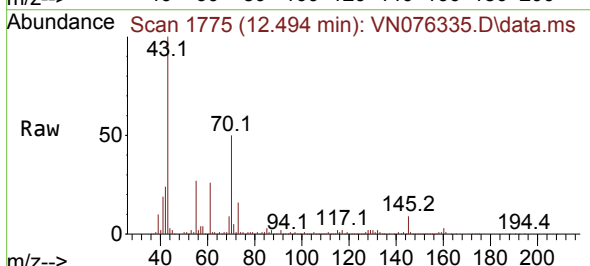
Ion Ratio Lower Upper

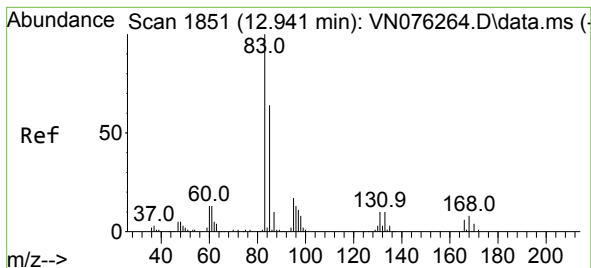
43 100

70 50.1 41.2 61.8

55 25.8 21.0 31.6

61 26.3 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 43.964 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

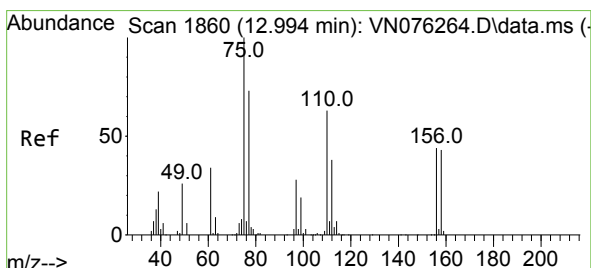
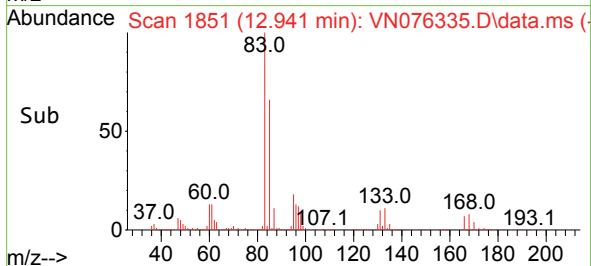
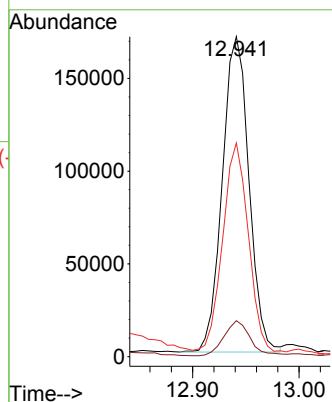
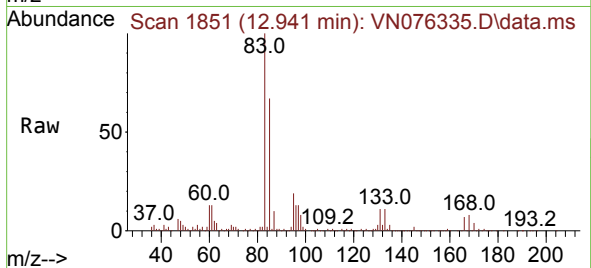
Tgt Ion: 83 Resp: 295052

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 63.8 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 66.281 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076335.D

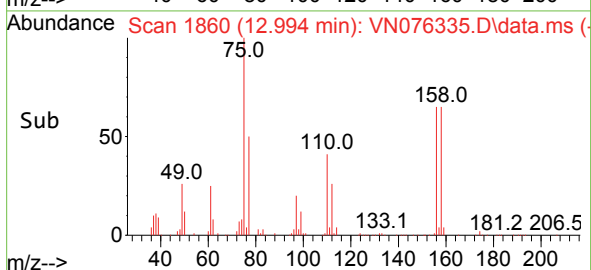
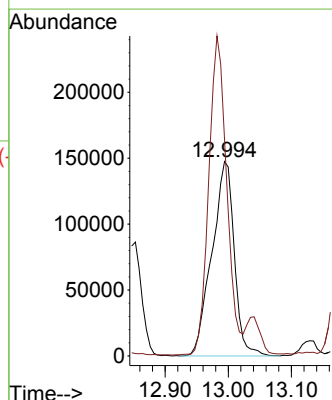
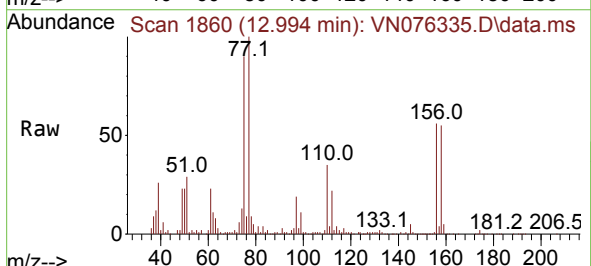
Acq: 19 Jan 2023 20:31

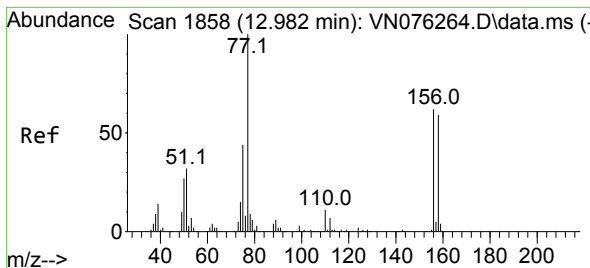
Tgt Ion: 75 Resp: 362691

Ion Ratio Lower Upper

75 100

77 132.4 75.2 225.6





#77

Bromobenzene

Concen: 46.553 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

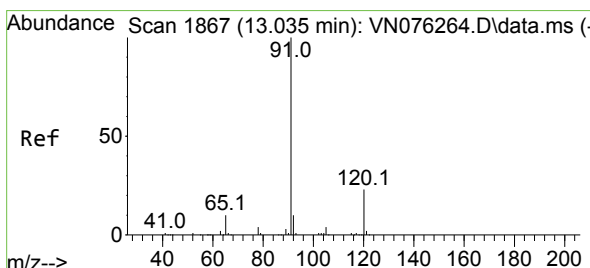
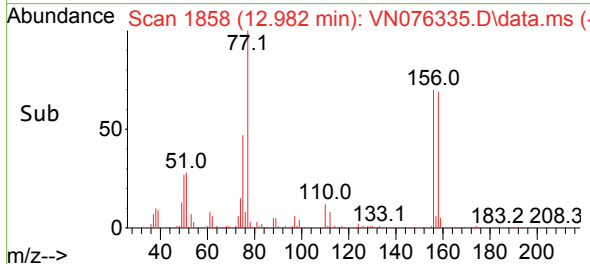
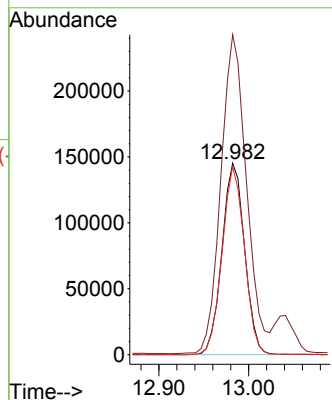
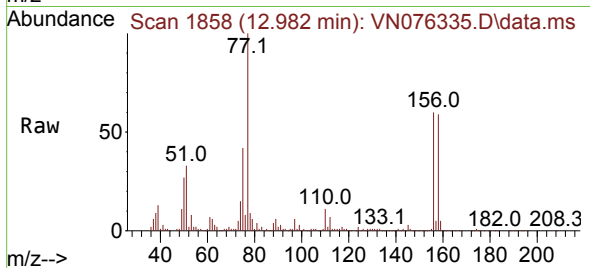
Tgt Ion:156 Resp: 254299

Ion Ratio Lower Upper

156 100

77 188.9 93.4 280.2

158 97.1 48.4 145.2



#78

n-propylbenzene

Concen: 46.395 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN076335.D

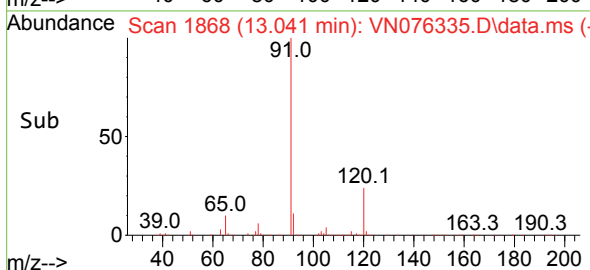
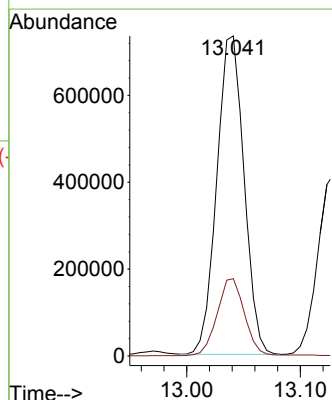
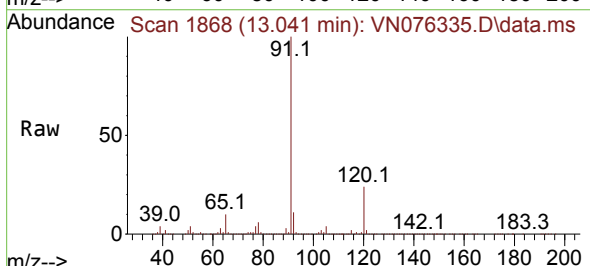
Acq: 19 Jan 2023 20:31

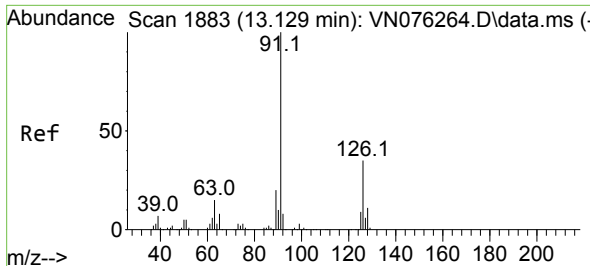
Tgt Ion: 91 Resp: 1222111

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.5

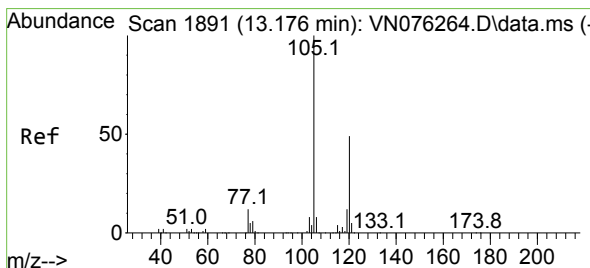
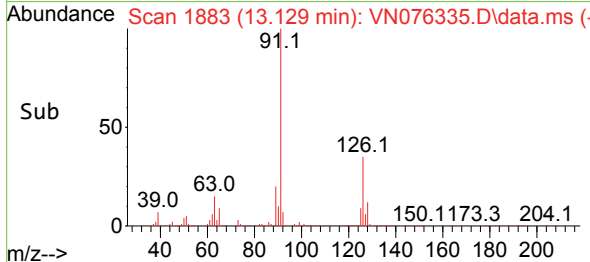
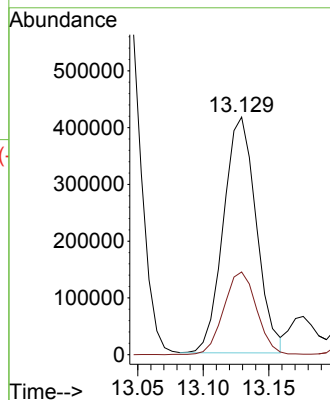
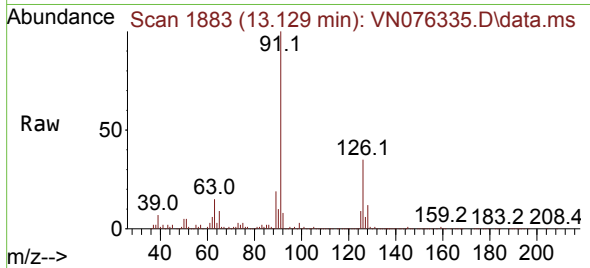




#79
2-Chlorotoluene
Concen: 44.841 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

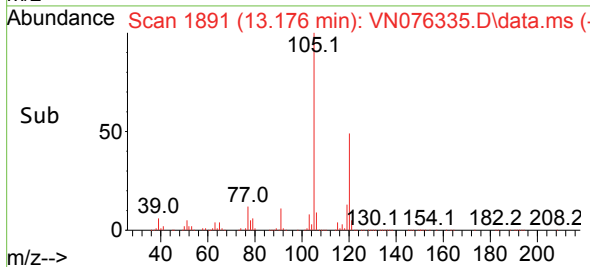
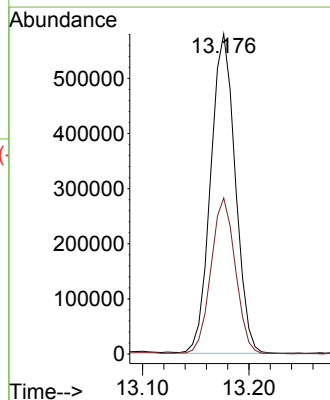
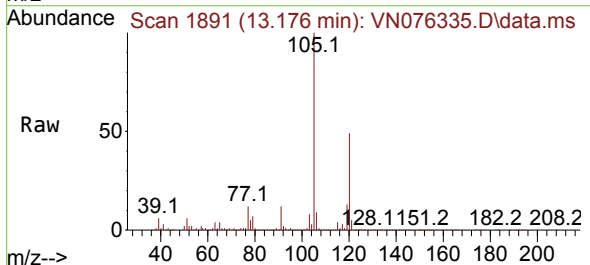
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

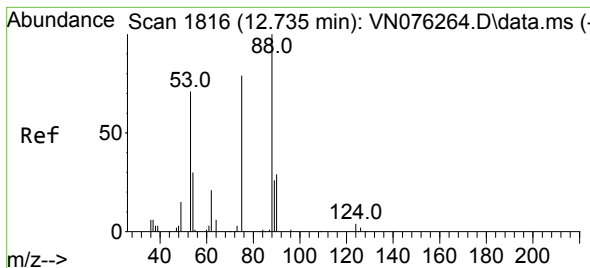
Tgt Ion: 91 Resp: 724813
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 47.497 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 105 Resp: 928940
Ion Ratio Lower Upper
105 100
120 48.3 25.0 75.0

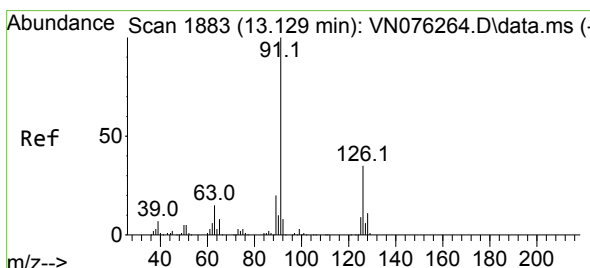
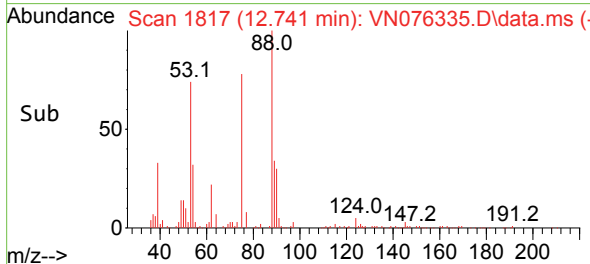
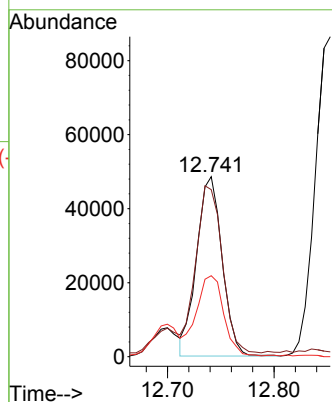
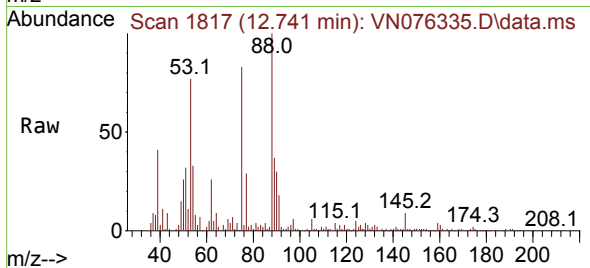




#81
trans-1,4-Dichloro-2-butene
Concen: 44.534 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

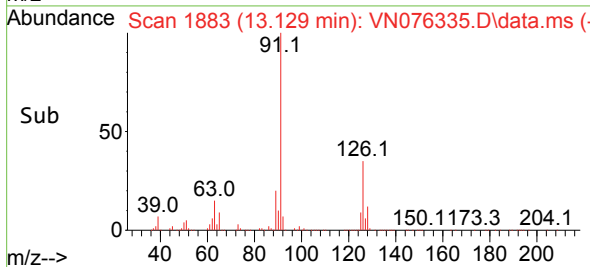
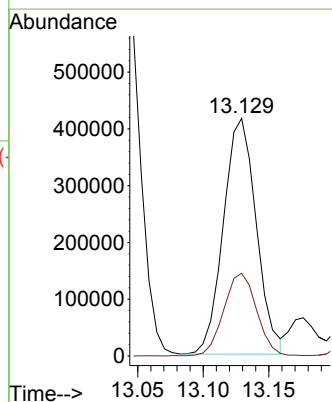
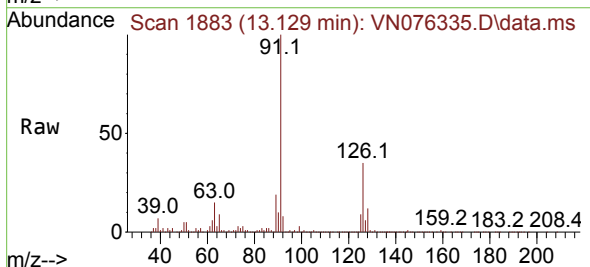
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

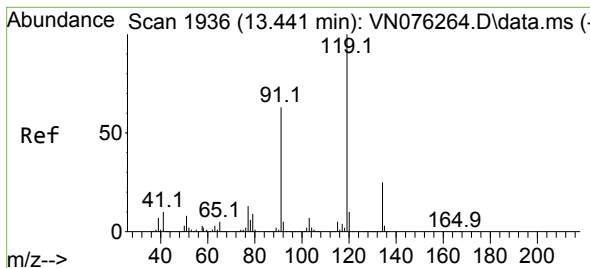
Tgt Ion: 75 Resp: 80774
Ion Ratio Lower Upper
75 100
53 96.4 75.8 113.8
89 48.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 44.841 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 91 Resp: 724813
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2





#83

tert-Butylbenzene

Concen: 47.636 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

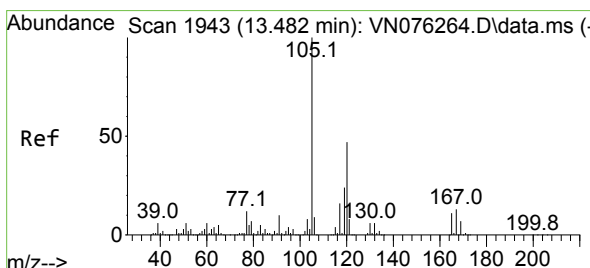
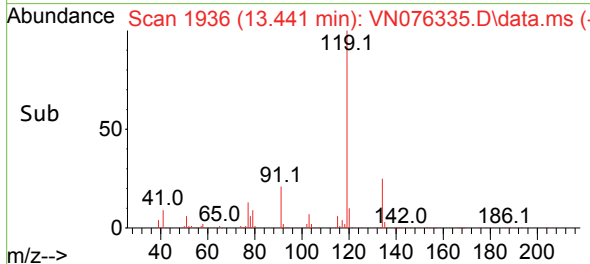
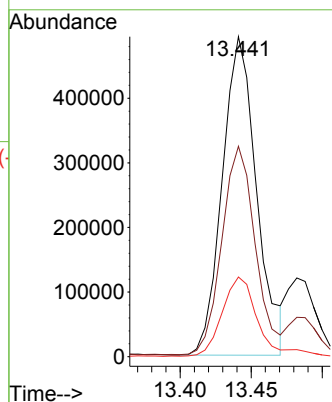
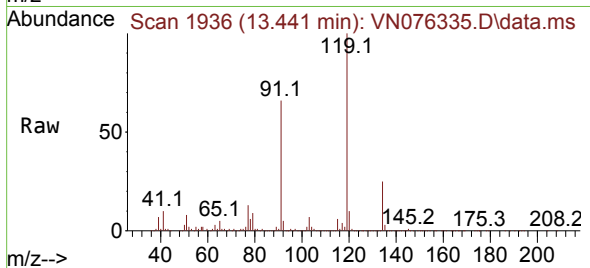
Tgt Ion:119 Resp: 828634

Ion Ratio Lower Upper

119 100

91 63.5 32.2 96.6

134 26.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 46.825 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076335.D

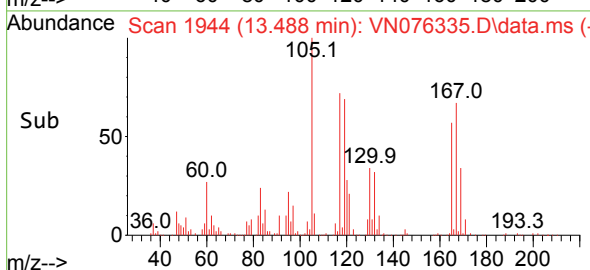
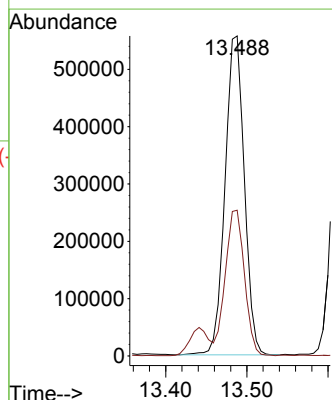
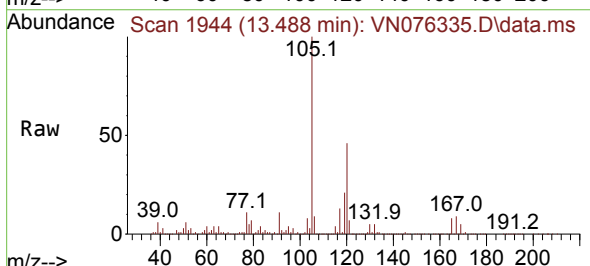
Acq: 19 Jan 2023 20:31

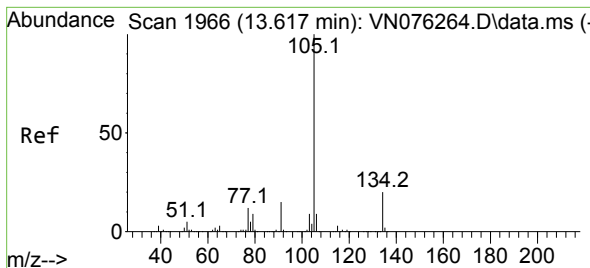
Tgt Ion:105 Resp: 918311

Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.5





#85

sec-Butylbenzene

Concen: 47.686 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

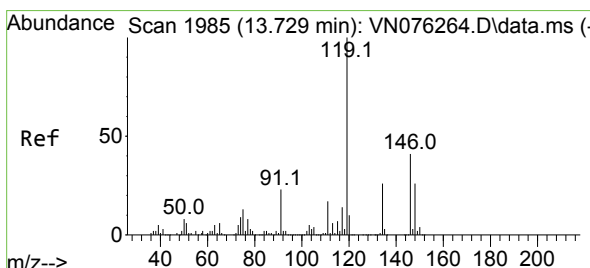
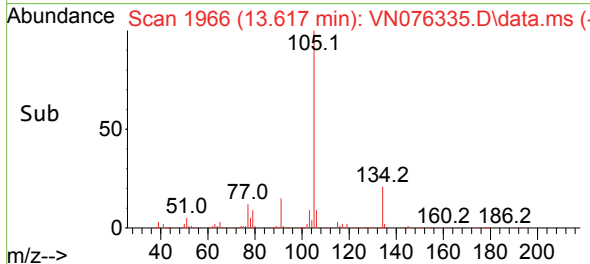
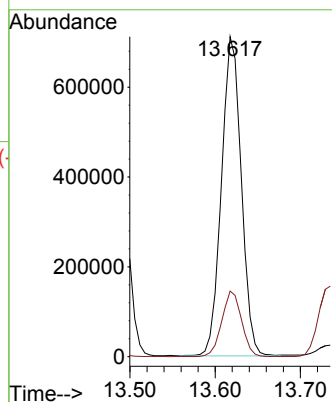
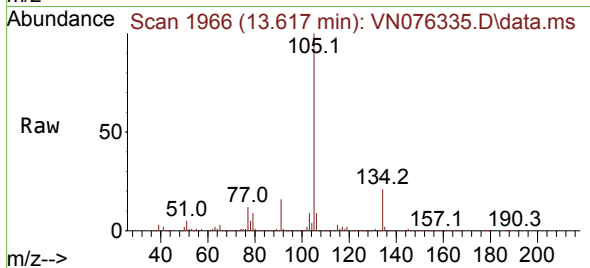
VSTDCCC050EC

Tgt Ion:105 Resp: 1151004

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 49.091 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

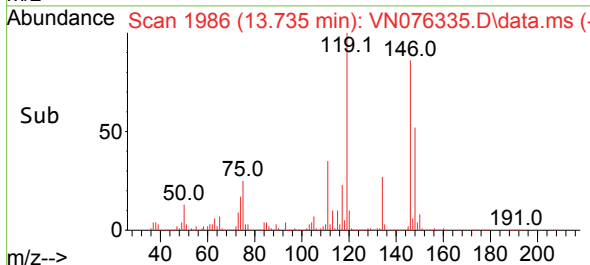
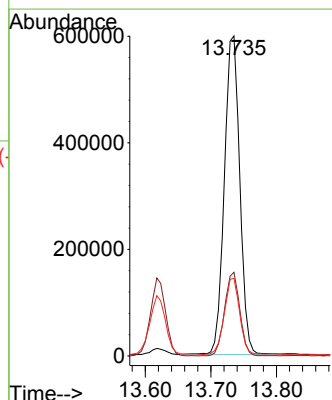
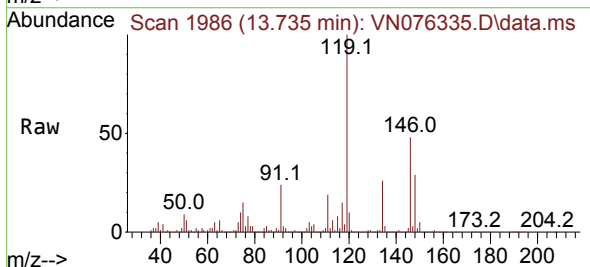
Tgt Ion:119 Resp: 974362

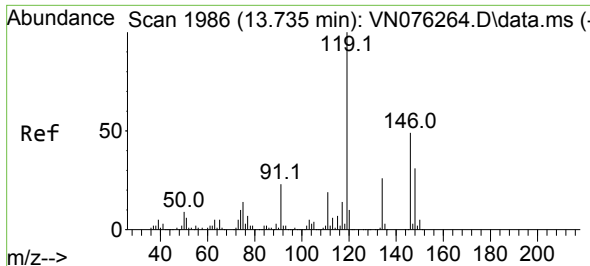
Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.6

91 23.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 43.445 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

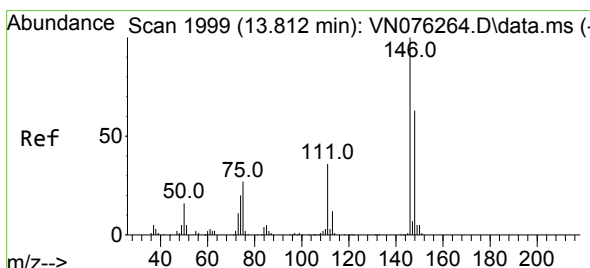
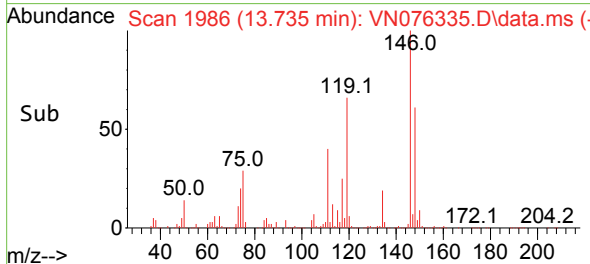
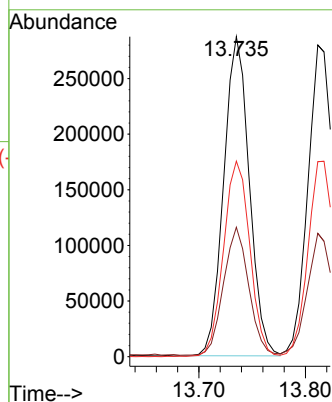
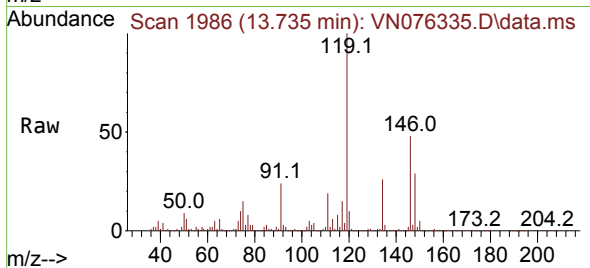
Tgt Ion:146 Resp: 478050

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 63.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 44.905 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

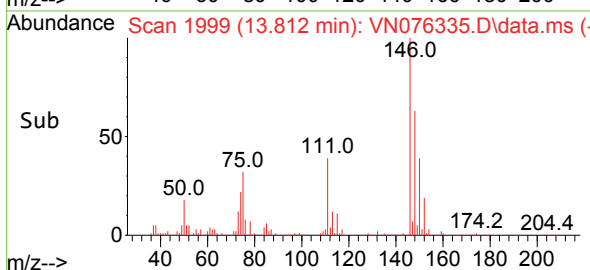
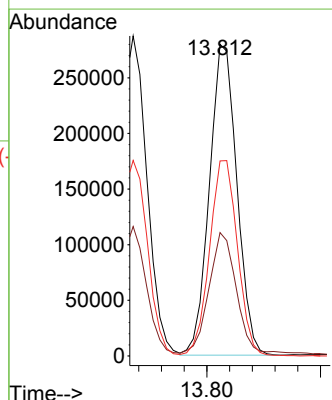
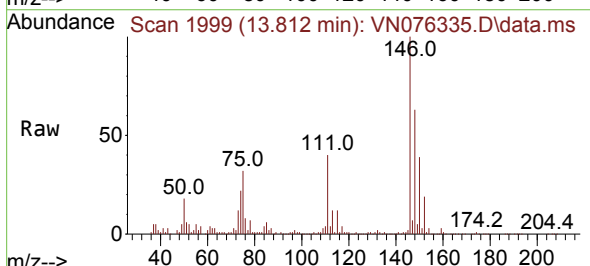
Tgt Ion:146 Resp: 469919

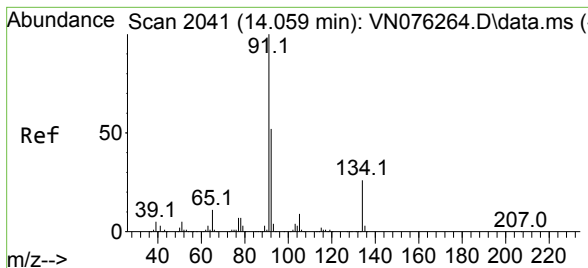
Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.5

148 64.0 31.9 95.9

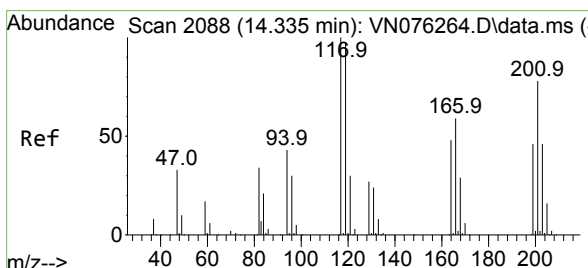
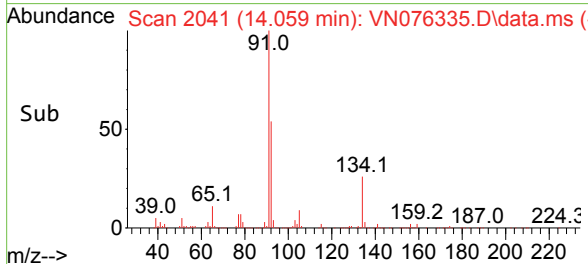
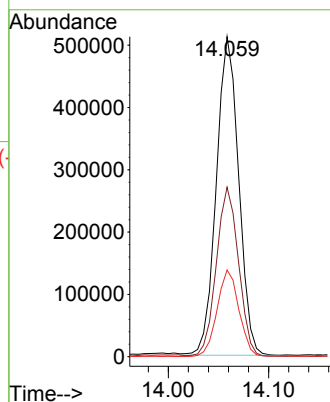
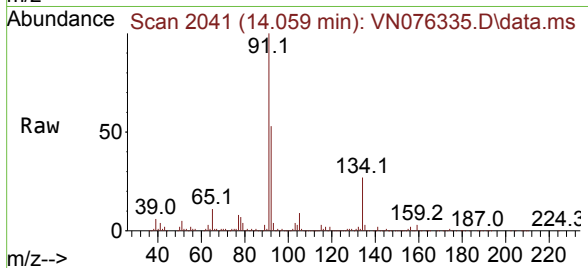




#89
n-Butylbenzene
Concen: 50.269 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

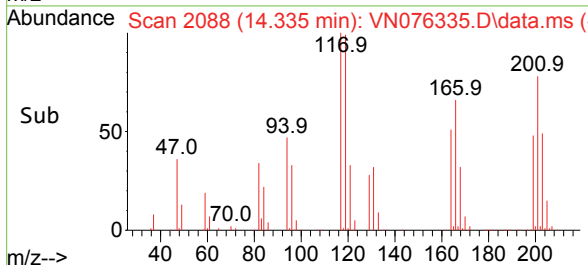
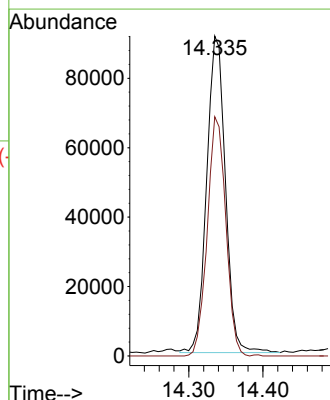
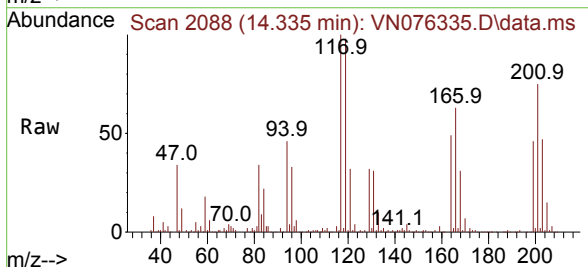
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

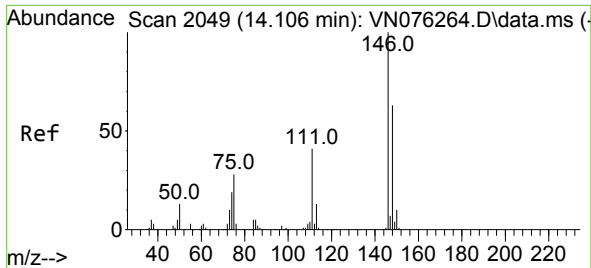
Tgt Ion: 91 Resp: 792054
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.8 13.2 39.5



#90
Hexachloroethane
Concen: 46.648 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076335.D
Acq: 19 Jan 2023 20:31

Tgt Ion: 117 Resp: 159800
Ion Ratio Lower Upper
117 100
201 74.9 37.3 111.9

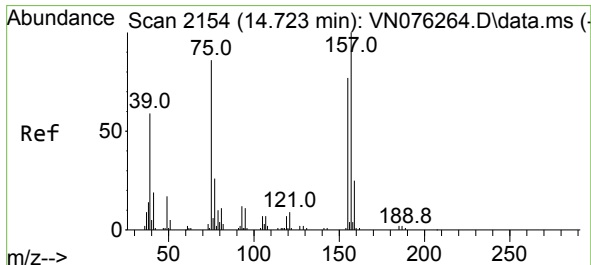
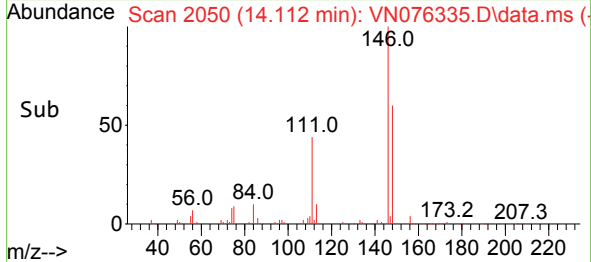
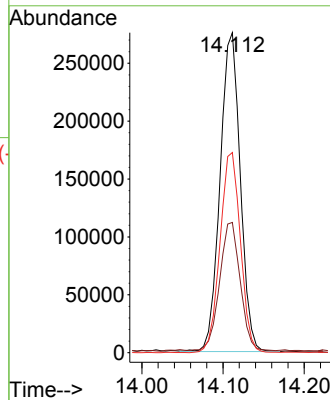
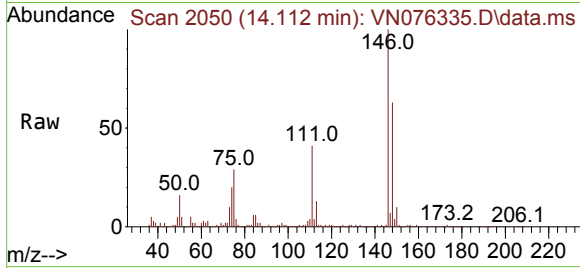




#91
 1,2-Dichlorobenzene
 Concen: 43.398 ug/l
 RT: 14.112 min Scan# 2049
 Delta R.T. 0.006 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

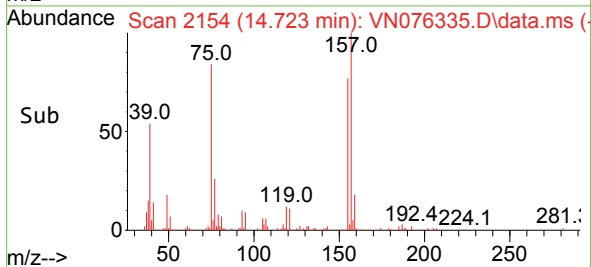
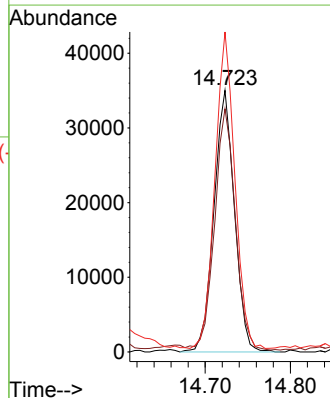
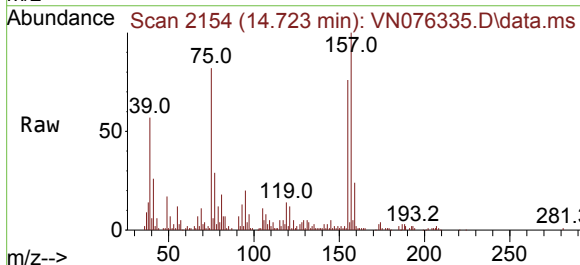
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

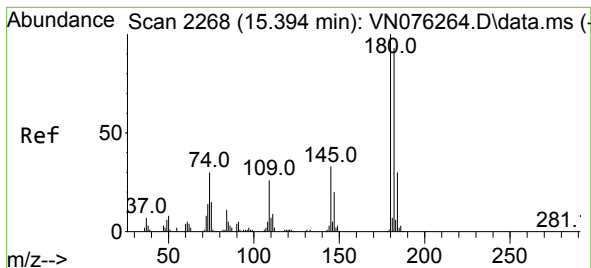
Tgt Ion:146 Resp: 475614
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.8
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.327 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VN076335.D
 Acq: 19 Jan 2023 20:31

Tgt Ion: 75 Resp: 58711
 Ion Ratio Lower Upper
 75 100
 155 92.8 45.0 135.0
 157 116.4 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 48.848 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

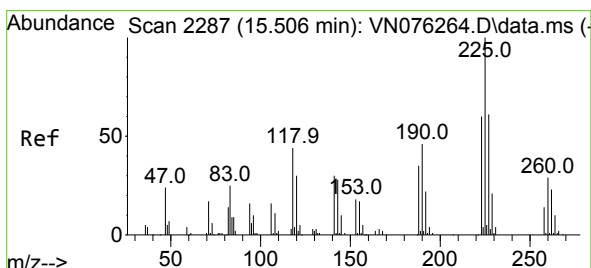
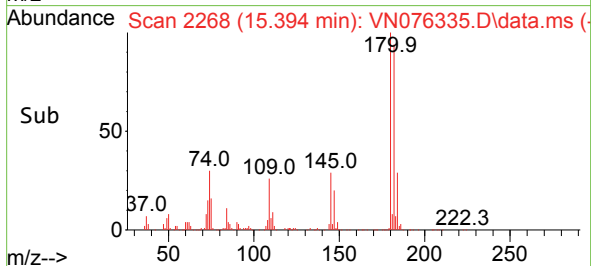
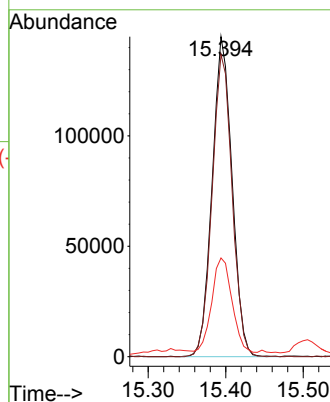
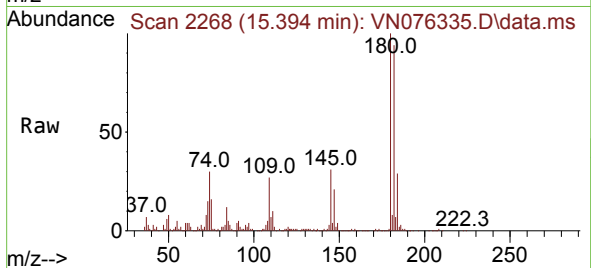
Tgt Ion:180 Resp: 258517

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 29.8 15.2 45.5



#94

Hexachlorobutadiene

Concen: 43.379 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

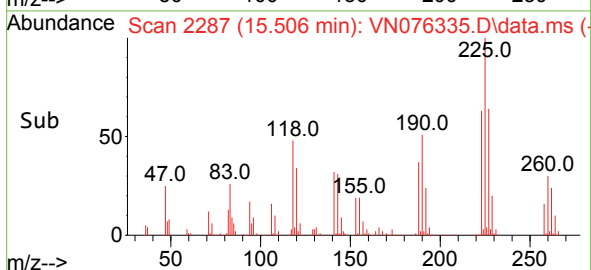
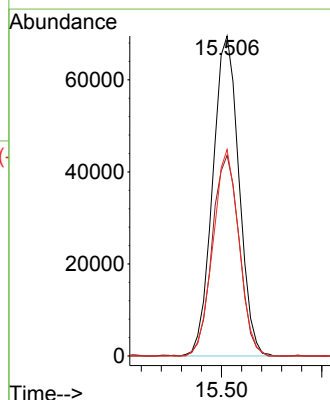
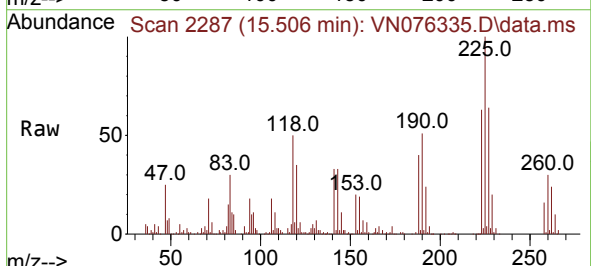
Tgt Ion:225 Resp: 126158

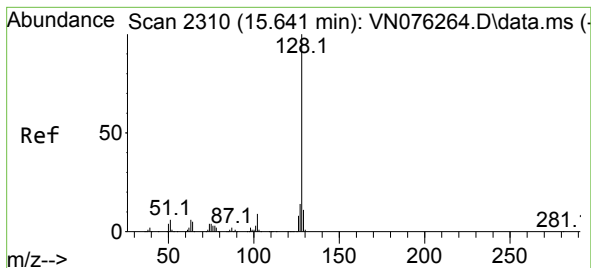
Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 63.6 30.9 92.8





#95

Naphthalene

Concen: 50.407 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

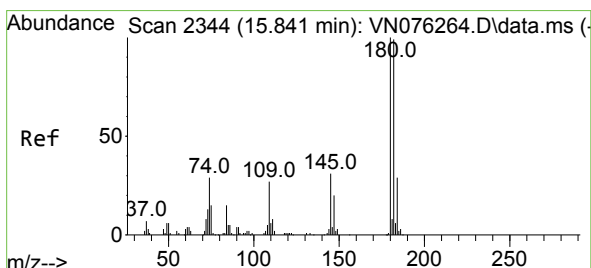
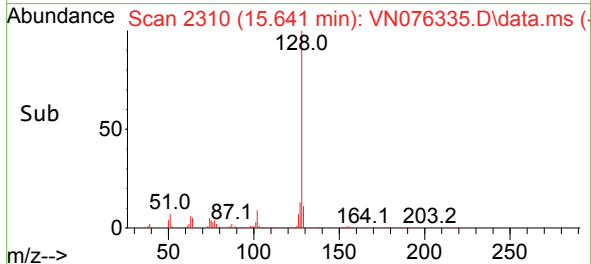
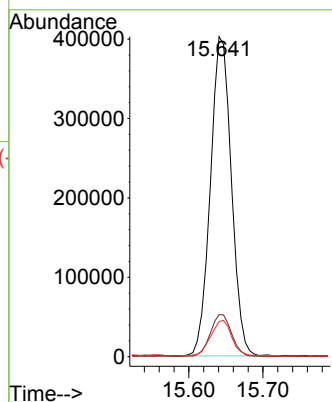
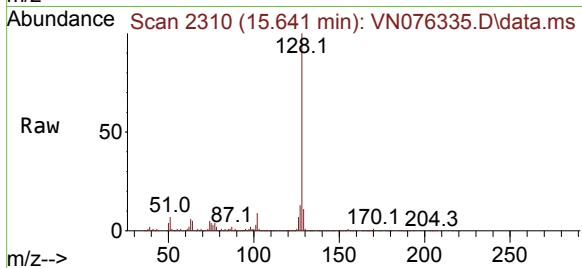
Tgt Ion:128 Resp: 790604

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.107 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076335.D

Acq: 19 Jan 2023 20:31

Tgt Ion:180 Resp: 247774

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 36.2 15.9 47.6

