

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076308.D
 Acq On : 18 Jan 2023 20:43
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 19 00:56:03 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	423522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	676863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	596057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	291229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230643	48.637	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.280%
35) Dibromofluoromethane	8.177	113	211532	49.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	10.571	98	792845	50.704	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.853	95	267898	52.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	206914	47.675	ug/l	97
3) Chloromethane	2.377	50	203071	45.191	ug/l	96
4) Vinyl Chloride	2.530	62	256821	46.610	ug/l	98
5) Bromomethane	2.948	94	212285	47.047	ug/l	98
6) Chloroethane	3.124	64	186893	45.235	ug/l	98
7) Trichlorofluoromethane	3.506	101	345084	45.523	ug/l	97
8) Diethyl Ether	3.971	74	124034	48.783	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	189623	44.188	ug/l	99
10) Methyl Iodide	4.600	142	308769	47.105	ug/l	99
11) Tert butyl alcohol	5.536	59	150719	237.620	ug/l	100
12) 1,1-Dichloroethene	4.353	96	187696	46.270	ug/l	97
13) Acrolein	4.195	56	268759	354.307	ug/l	100
14) Allyl chloride	5.036	41	210717	44.574	ug/l	99
15) Acrylonitrile	5.730	53	421537	233.541	ug/l	99
16) Acetone	4.442	43	338981	222.980	ug/l	100
17) Carbon Disulfide	4.730	76	420496	41.631	ug/l	97
18) Methyl Acetate	5.042	43	227236	44.107	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	654546	49.563	ug/l	99
20) Methylene Chloride	5.289	84	210096	46.666	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	198296	45.122	ug/l	99
22) Diisopropyl ether	6.683	45	531337	47.661	ug/l	99
23) Vinyl Acetate	6.612	43	1723860	239.259	ug/l	100
24) 1,1-Dichloroethane	6.583	63	341861	46.004	ug/l	98
25) 2-Butanone	7.489	43	525928	226.521	ug/l	98
26) 2,2-Dichloropropane	7.500	77	253149	40.419	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	239248	46.677	ug/l	97
28) Bromochloromethane	7.824	49	136383	45.280	ug/l	100
29) Tetrahydrofuran	7.847	42	346642	241.907	ug/l	99
30) Chloroform	7.977	83	383633	46.656	ug/l	98
31) Cyclohexane	8.265	56	308451	42.343	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	346366	46.138	ug/l	97
36) 1,1-Dichloropropene	8.377	75	275654	45.816	ug/l	99
37) Ethyl Acetate	7.571	43	226702	46.979	ug/l	100
38) Carbon Tetrachloride	8.371	117	297760	44.380	ug/l	98
39) Methylcyclohexane	9.606	83	346453	47.154	ug/l	97
40) Benzene	8.612	78	838508	46.609	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	119499	47.293	ug/l	94
42) 1,2-Dichloroethane	8.677	62	282319	45.866	ug/l	100
43) Isopropyl Acetate	8.694	43	376166	47.916	ug/l	99
44) Trichloroethene	9.359	130	230074	45.217	ug/l	98
45) 1,2-Dichloropropane	9.624	63	199265	46.263	ug/l	98
46) Dibromomethane	9.712	93	149869	46.085	ug/l	99
47) Bromodichloromethane	9.888	83	288000	45.661	ug/l	97
48) Methyl methacrylate	9.682	41	175125	47.120	ug/l	98
49) 1,4-Dioxane	9.694	88	79235	1010.362	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1134776	246.230	ug/l	99
52) Toluene	10.635	92	553167	45.979	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	290779	48.361	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	327119	47.289	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	218192	47.448	ug/l	98
56) Ethyl methacrylate	10.877	69	309531	52.137	ug/l	98
57) 1,3-Dichloropropane	11.165	76	351003	46.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	507224	253.075	ug/l	99
59) 2-Hexanone	11.200	43	818224	245.003	ug/l	99
60) Dibromochloromethane	11.359	129	237720	49.107	ug/l	99
61) 1,2-Dibromoethane	11.471	107	223407	48.671	ug/l	100
64) Tetrachloroethene	11.106	164	236173	43.937	ug/l	97
65) Chlorobenzene	11.894	112	593619	47.113	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	220117	46.954	ug/l	99
67) Ethyl Benzene	11.965	91	1079516	50.060	ug/l	99
68) m/p-Xylenes	12.071	106	853693	98.727	ug/l	99
69) o-Xylene	12.400	106	422814	49.791	ug/l	98
70) Styrene	12.412	104	693189	51.125	ug/l	100
71) Bromoform	12.582	173	166948	49.312	ug/l #	99
73) Isopropylbenzene	12.700	105	1105728	49.079	ug/l	100
74) N-amyl acetate	12.494	43	335046	51.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	299167	46.192	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	366845	69.515	ug/l	86
77) Bromobenzene	12.982	156	261423	49.627	ug/l	99
78) n-propylbenzene	13.035	91	1247338	49.067	ug/l	100
79) 2-Chlorotoluene	13.129	91	739010	47.375	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	935312	49.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	78832	45.038	ug/l	97
82) 4-Chlorotoluene	13.129	91	739010	47.375	ug/l	99
83) tert-Butylbenzene	13.441	119	856723	51.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	939318	49.631	ug/l	100
85) sec-Butylbenzene	13.618	105	1171070	50.274	ug/l	100
86) p-Isopropyltoluene	13.729	119	988354	51.599	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	490149	46.158	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	488513	48.364	ug/l	99
89) n-Butylbenzene	14.059	91	787540	51.793	ug/l	99
90) Hexachloroethane	14.335	117	155346	46.990	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	484587	45.818	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52586	46.709	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	240145	47.069	ug/l	99
94) Hexachlorobutadiene	15.506	225	125568	44.739	ug/l	99
95) Naphthalene	15.641	128	715233	47.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	229334	47.146	ug/l	98

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VSTDCCC050EC

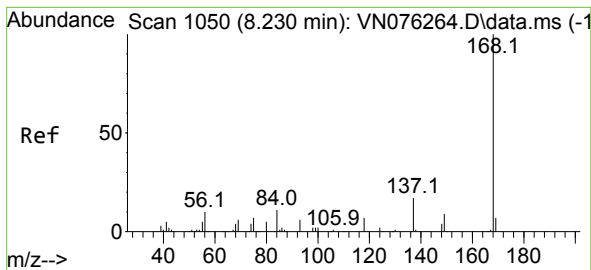
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076308.D

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MSVOA_N

ClientSampleId :

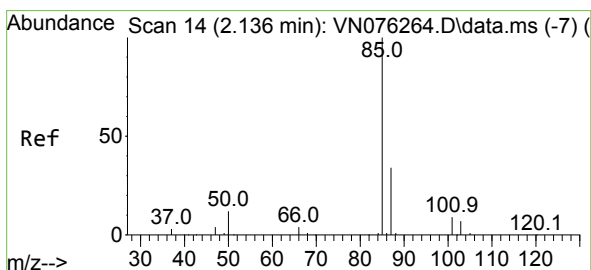
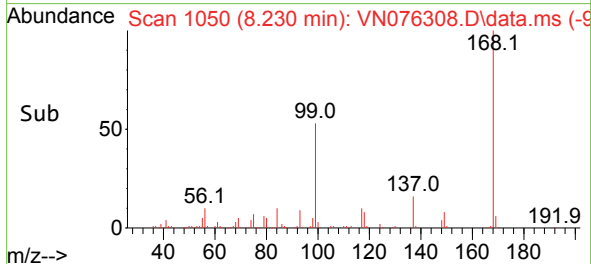
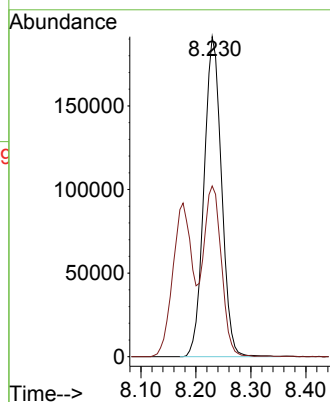
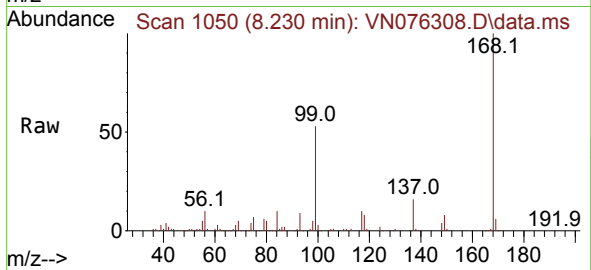
VSTDCCC050EC

Tgt Ion:168 Resp: 423522

Ion Ratio Lower Upper

168 100

99 53.2 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 47.675 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076308.D

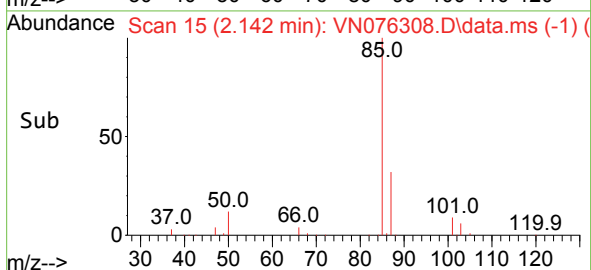
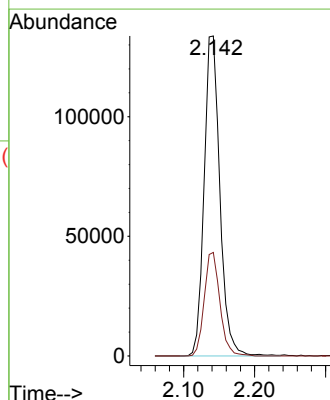
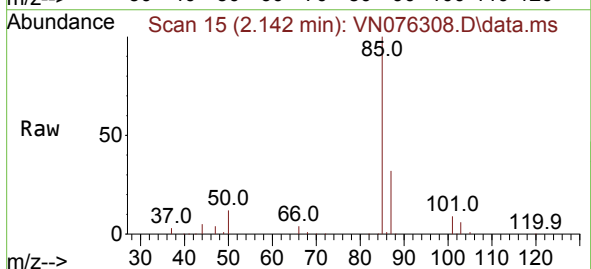
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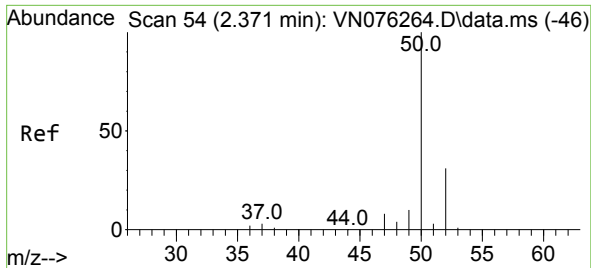
Tgt Ion: 85 Resp: 206914

Ion Ratio Lower Upper

85 100

87 32.4 17.1 51.2

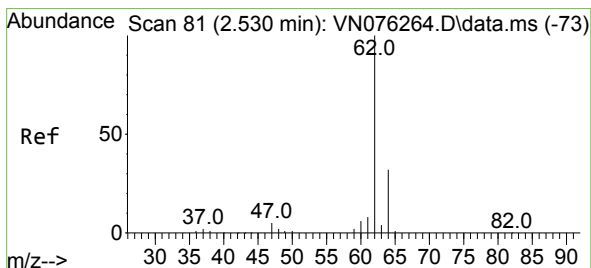
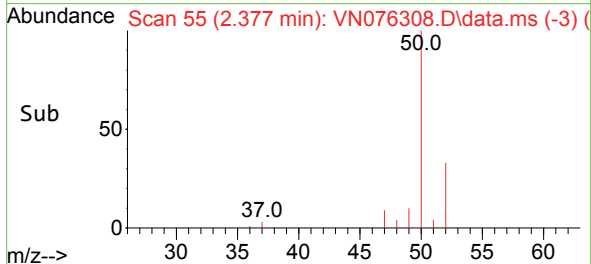
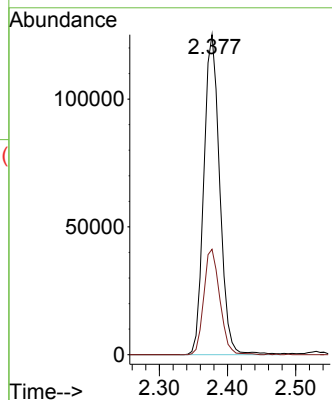
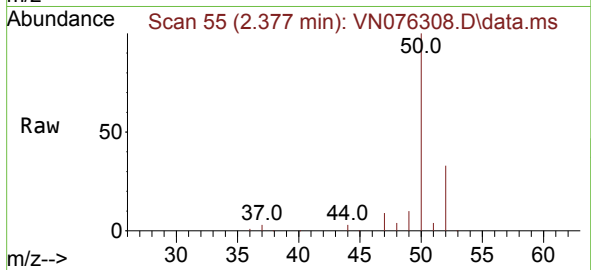




#3
Chloromethane
Concen: 45.191 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

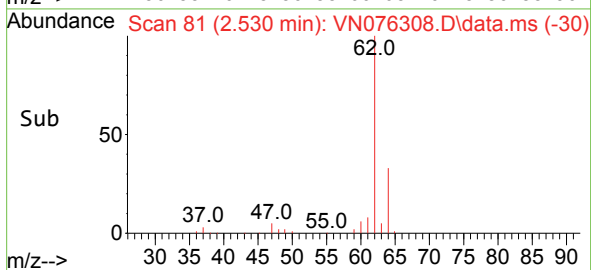
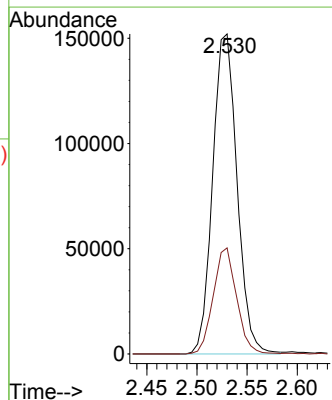
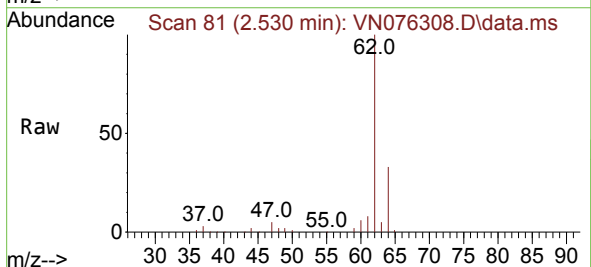
Instrument :
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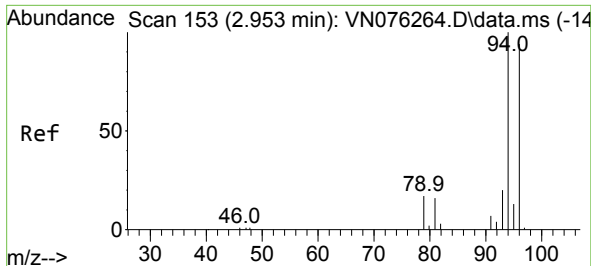
Tgt Ion: 50 Resp: 203071
Ion Ratio Lower Upper
50 100
52 32.9 24.8 37.2



#4
Vinyl Chloride
Concen: 46.610 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 62 Resp: 256821
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.6

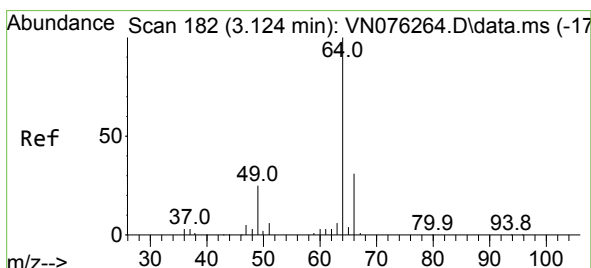
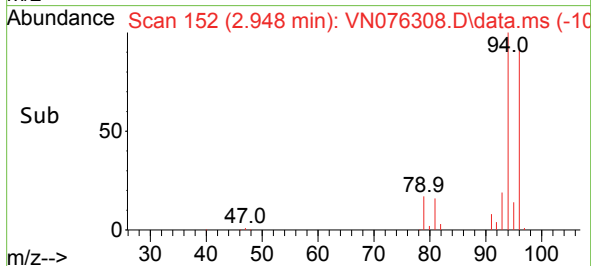
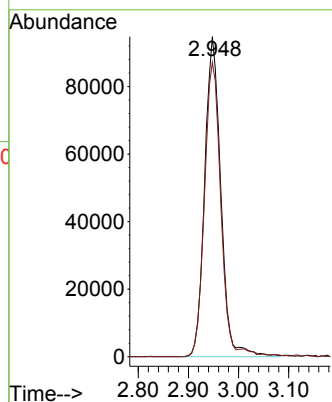
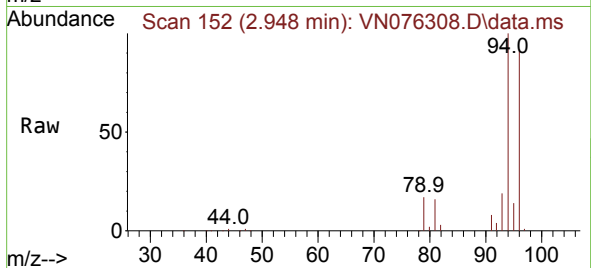




#5
Bromomethane
Concen: 47.047 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

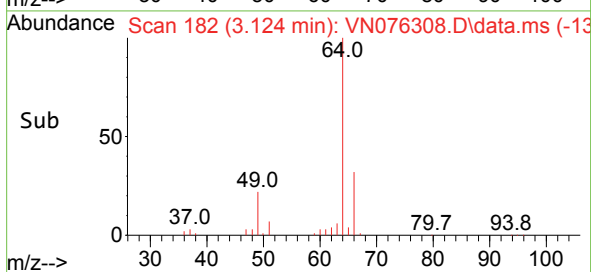
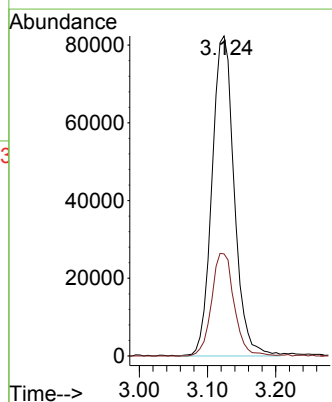
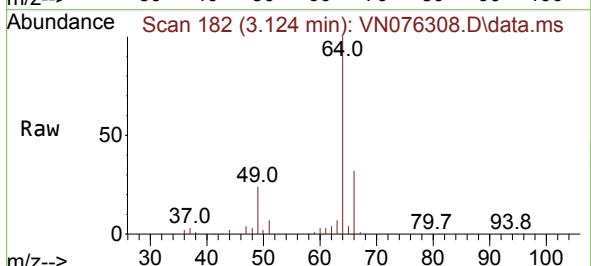
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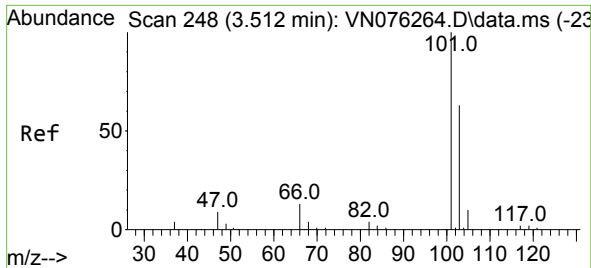
Tgt Ion: 94 Resp: 212285
Ion Ratio Lower Upper
94 100
96 92.0 75.1 112.7



#6
Chloroethane
Concen: 45.235 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 64 Resp: 186893
Ion Ratio Lower Upper
64 100
66 31.9 24.8 37.2

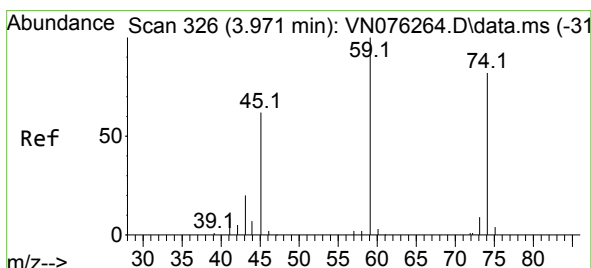
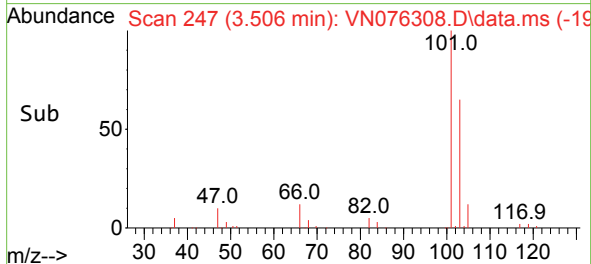
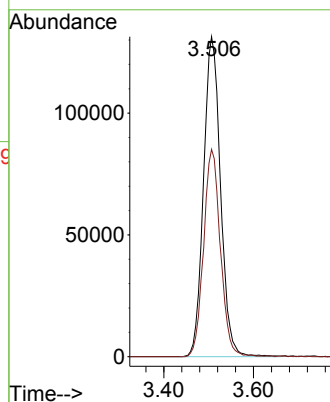
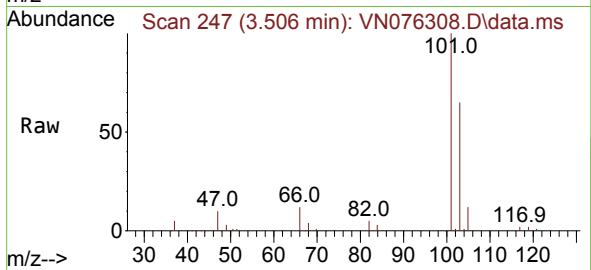




#7
 Trichlorofluoromethane
 Concen: 45.523 ug/l
 RT: 3.506 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

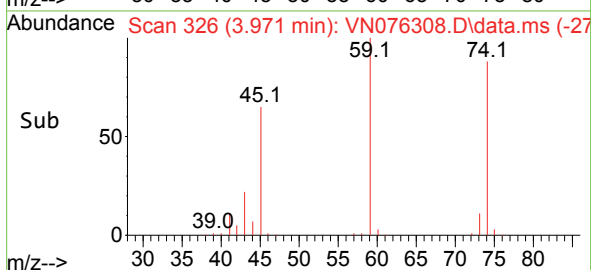
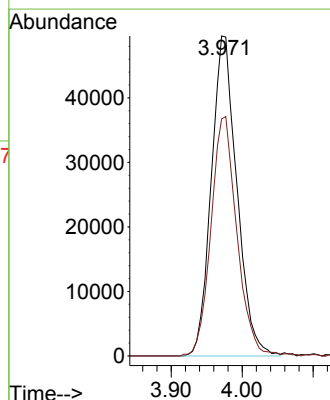
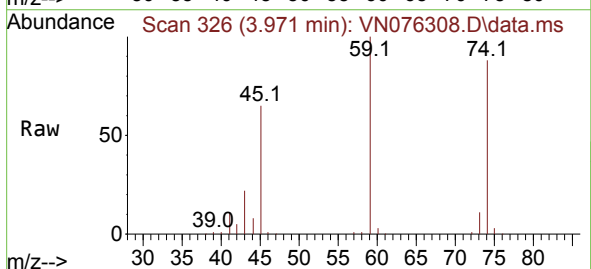
Instrument :
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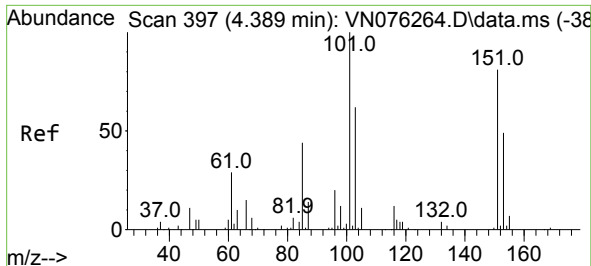
Tgt Ion:101 Resp: 345084
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 48.783 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

Tgt Ion: 74 Resp: 124034
 Ion Ratio Lower Upper
 74 100
 45 75.7 37.8 113.3

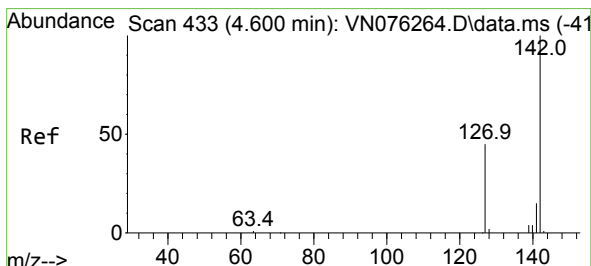
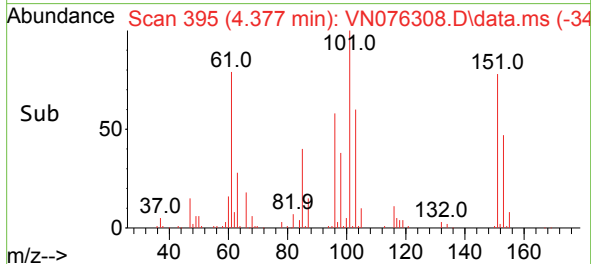
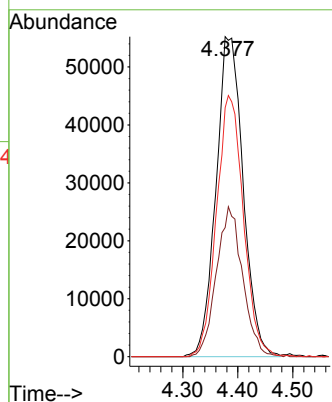
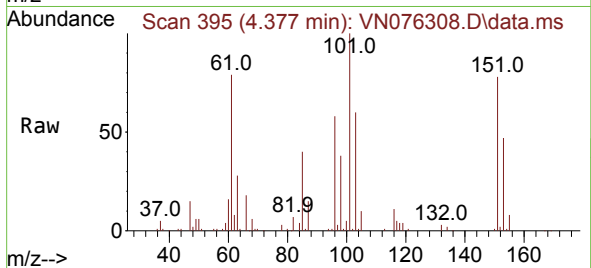




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.188 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.012 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

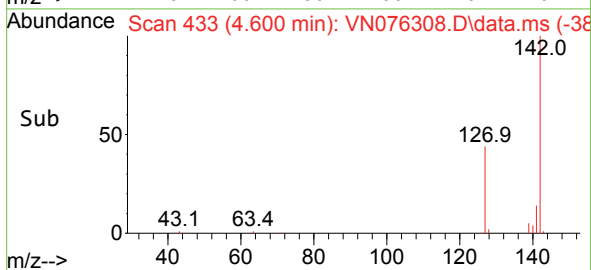
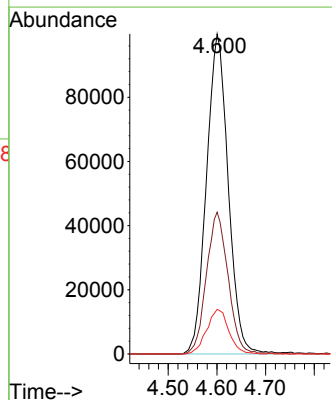
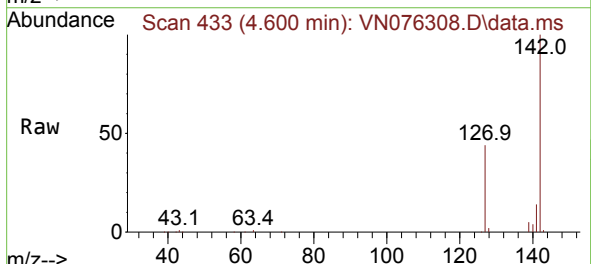
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

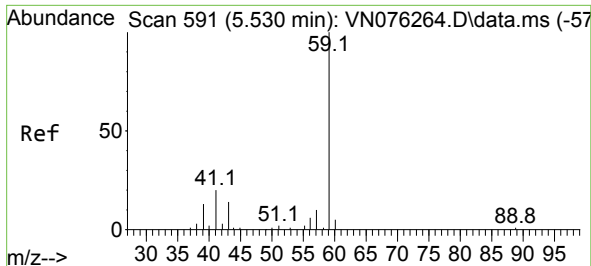
Tgt Ion:101 Resp: 189623
Ion Ratio Lower Upper
101 100
85 45.2 35.5 53.3
151 81.0 65.5 98.3



#10
Methyl Iodide
Concen: 47.105 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion:142 Resp: 308769
Ion Ratio Lower Upper
142 100
127 44.0 35.0 52.4
141 14.1 11.5 17.3

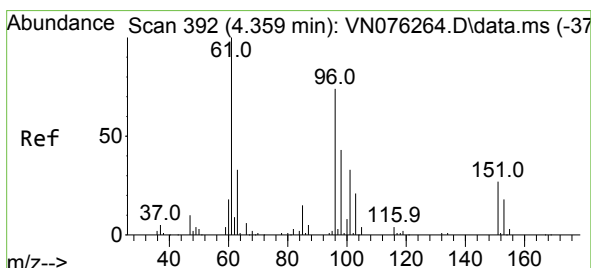
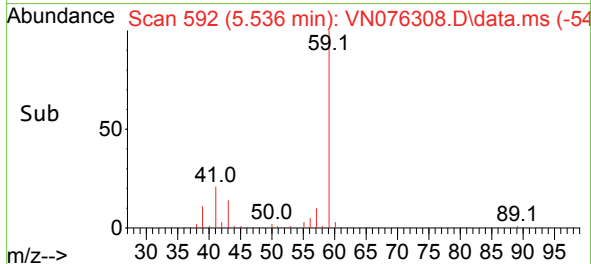
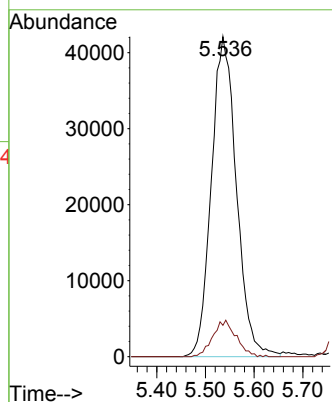
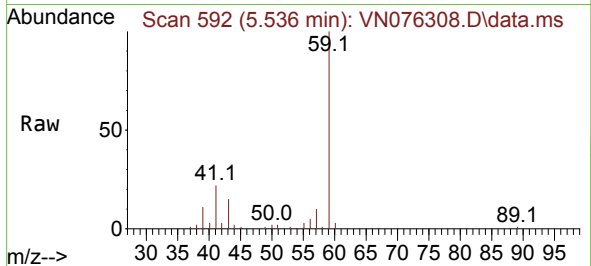




#11
Tert butyl alcohol
Concen: 237.620 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

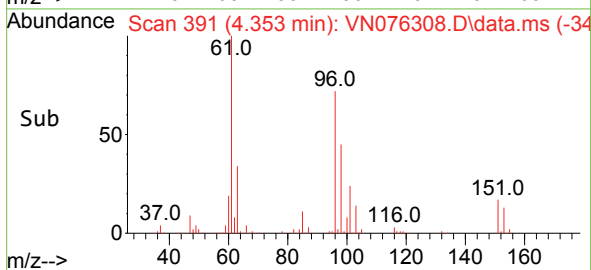
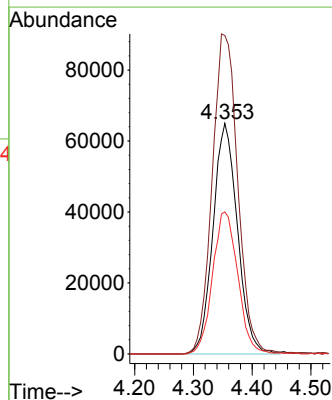
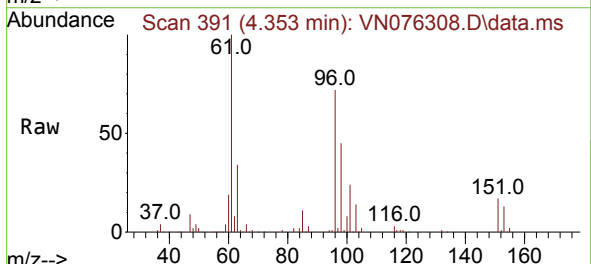
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

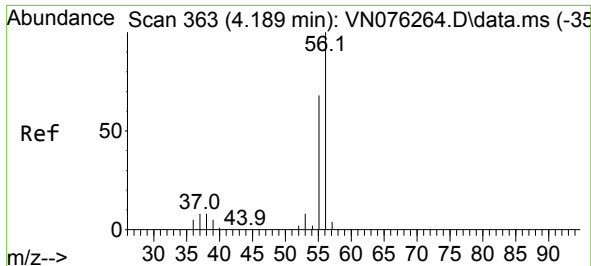
Tgt Ion: 59 Resp: 150719
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.270 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 96 Resp: 187696
Ion Ratio Lower Upper
96 100
61 138.1 108.2 162.4
98 61.6 47.0 70.6





#13

Acrolein

Concen: 354.307 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

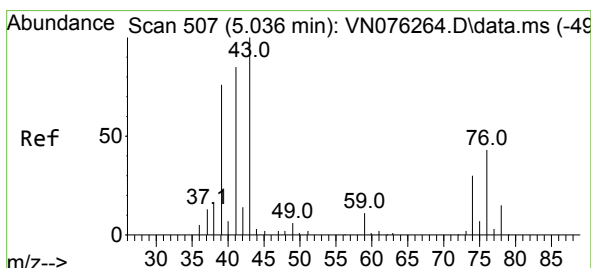
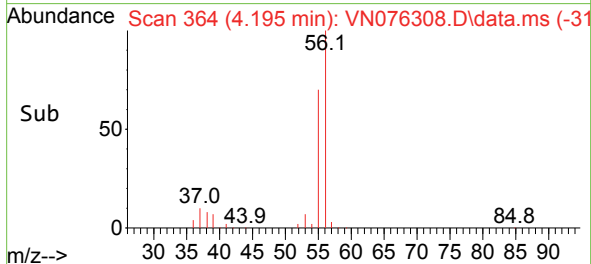
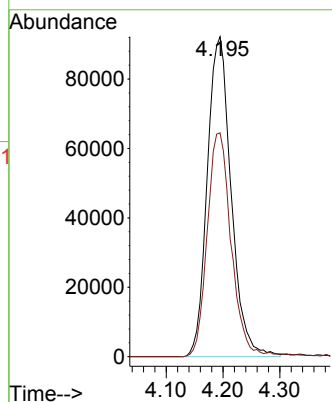
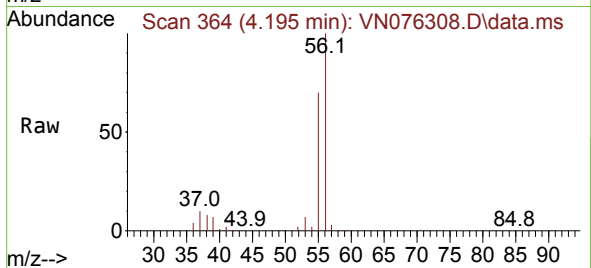
VSTDCCC050EC

Tgt Ion: 56 Resp: 268759

Ion Ratio Lower Upper

56 100

55 69.8 55.8 83.6



#14

Allyl chloride

Concen: 44.574 ug/l

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

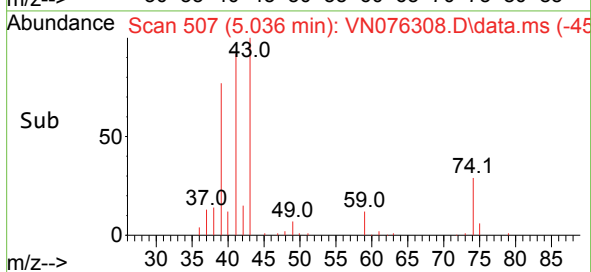
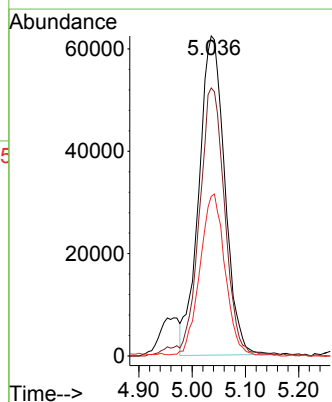
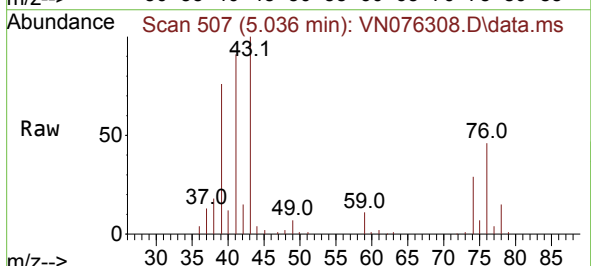
Tgt Ion: 41 Resp: 210717

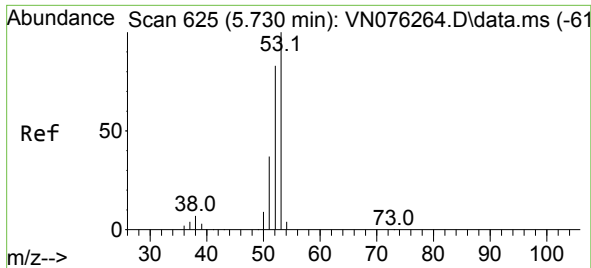
Ion Ratio Lower Upper

41 100

39 83.8 67.4 101.0

76 48.5 39.8 59.8

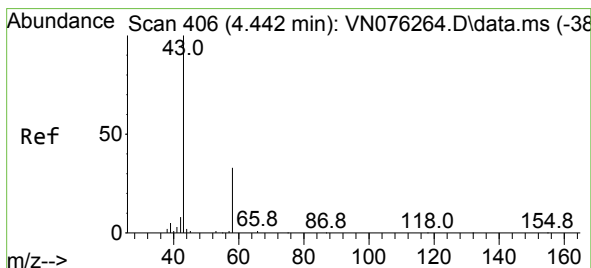
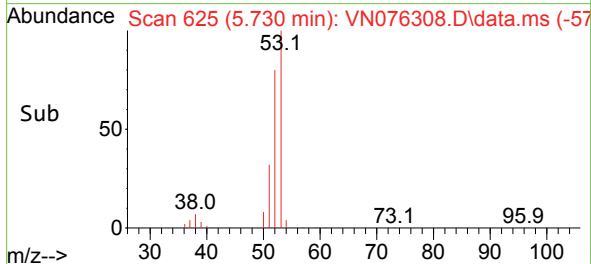
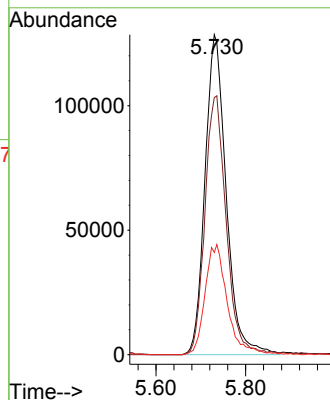
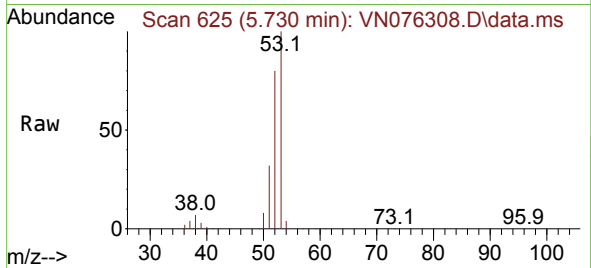




#15
Acrylonitrile
Concen: 233.541 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

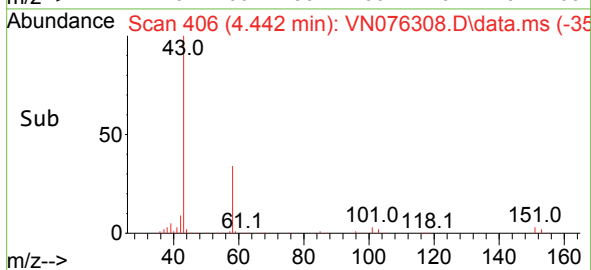
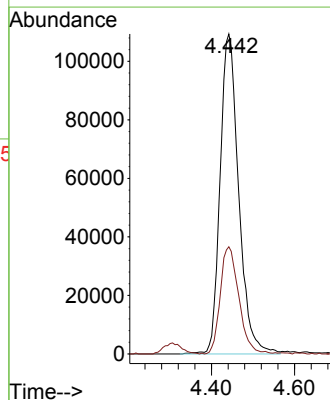
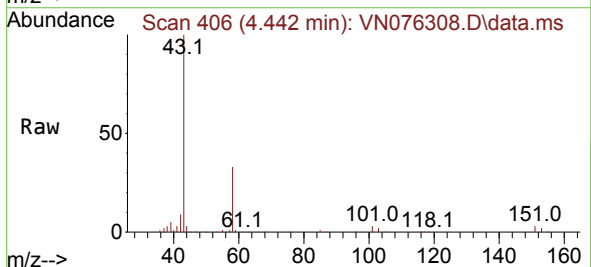
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

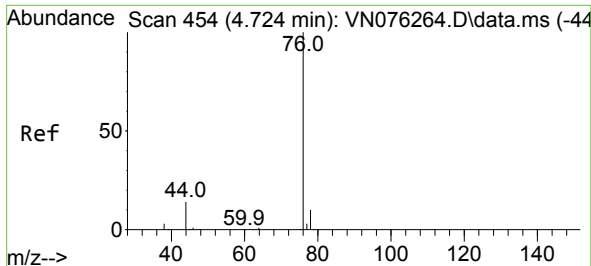
Tgt Ion: 53 Resp: 421537
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 36.2 29.2 43.8



#16
Acetone
Concen: 222.980 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 43 Resp: 338981
Ion Ratio Lower Upper
43 100
58 33.1 26.7 40.1

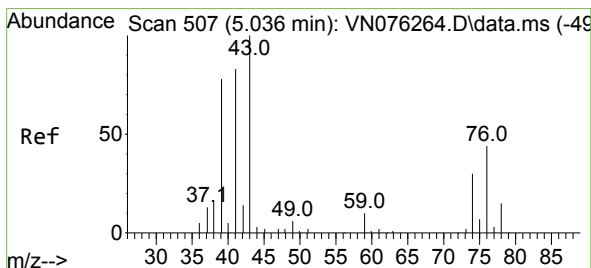
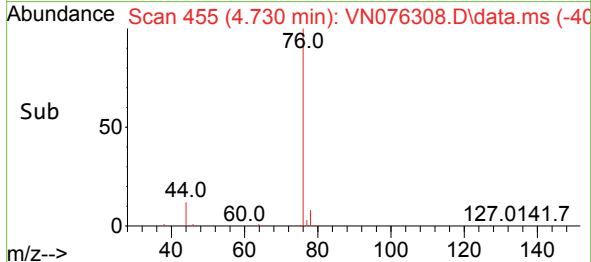
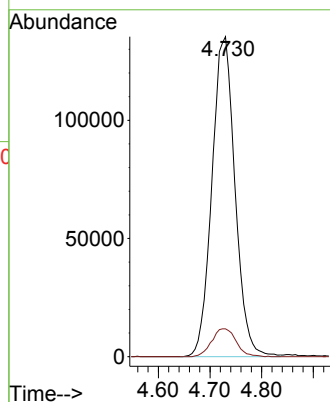
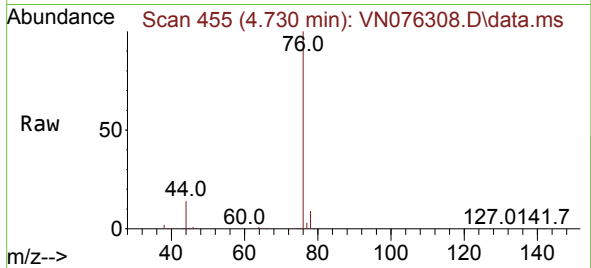




#17
Carbon Disulfide
Concen: 41.631 ug/l
RT: 4.730 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

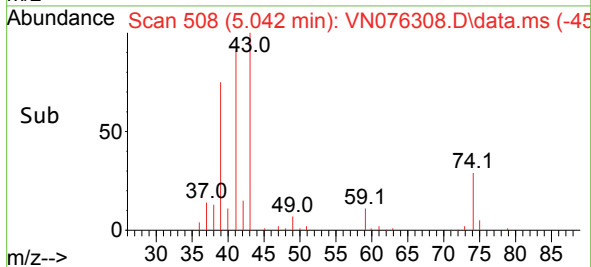
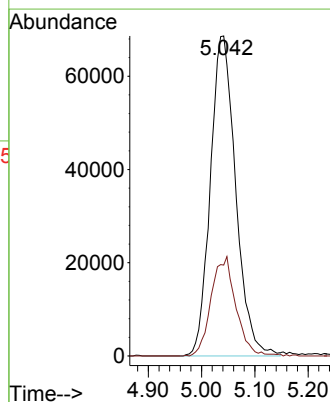
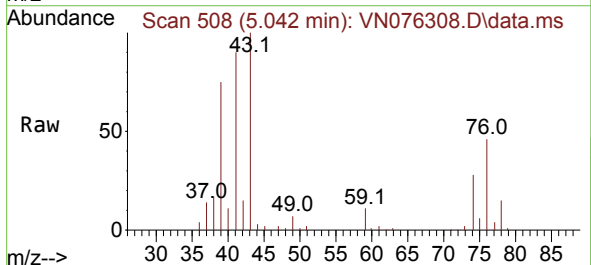
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

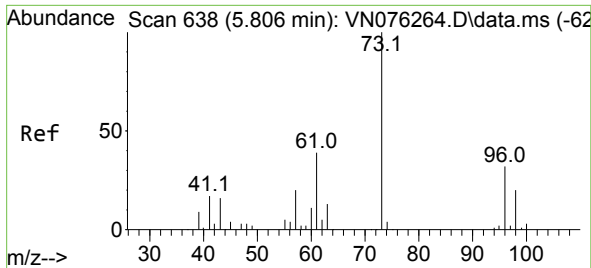
Tgt Ion: 76 Resp: 420496
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0



#18
Methyl Acetate
Concen: 44.107 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 43 Resp: 227236
Ion Ratio Lower Upper
43 100
74 30.3 23.3 34.9

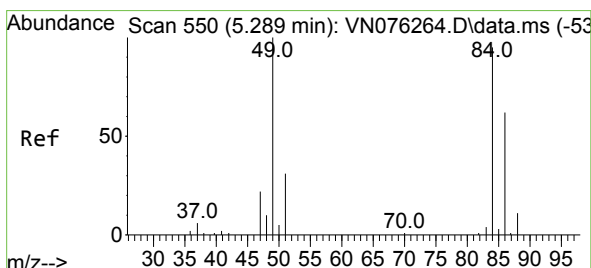
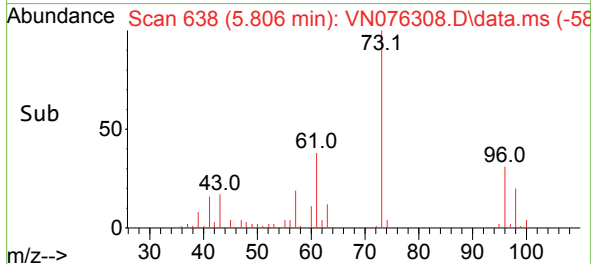
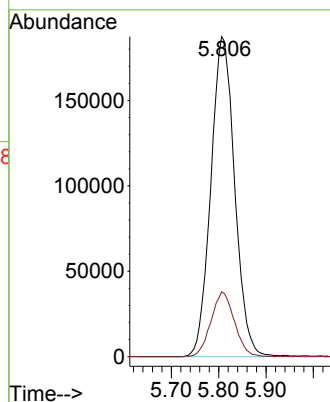
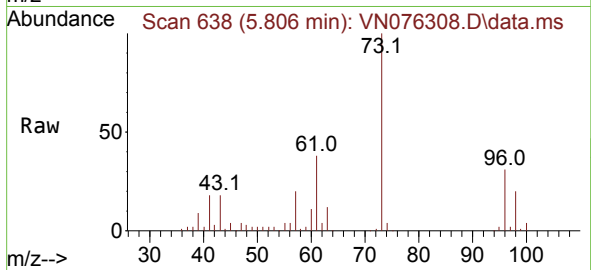




#19
Methyl tert-butyl Ether
Concen: 49.563 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

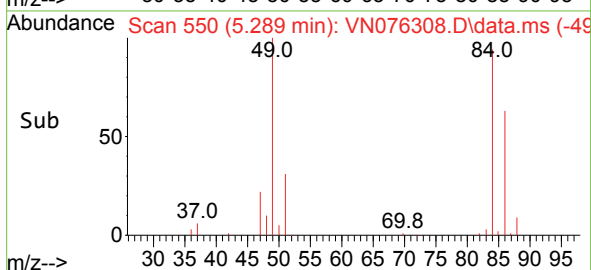
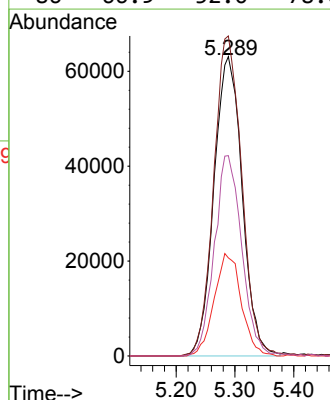
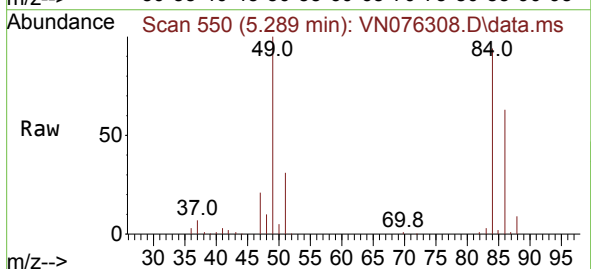
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

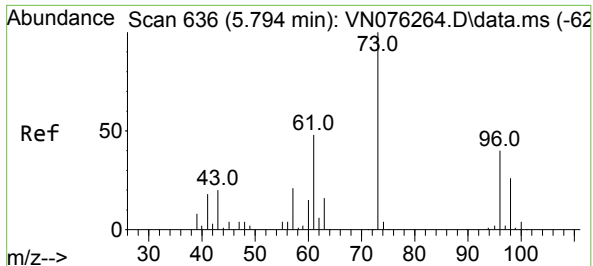
Tgt Ion: 73 Resp: 654546
Ion Ratio Lower Upper
73 100
57 20.2 15.9 23.9



#20
Methylene Chloride
Concen: 46.666 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 84 Resp: 210096
Ion Ratio Lower Upper
84 100
49 106.9 84.5 126.7
51 32.8 26.0 39.0
86 66.9 52.0 78.0

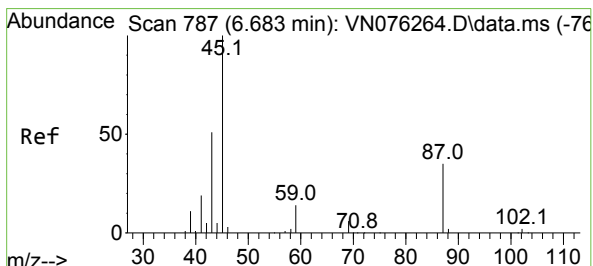
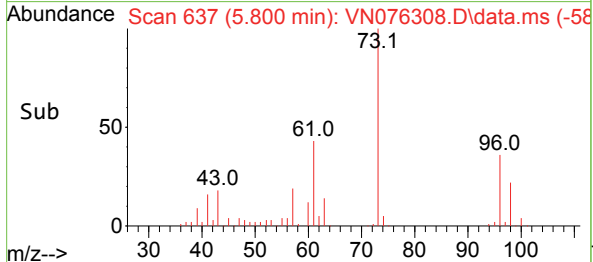
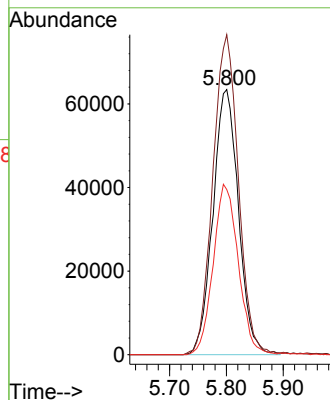
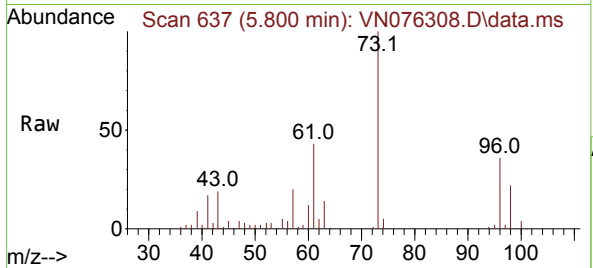




#21
trans-1,2-Dichloroethene
Concen: 45.122 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

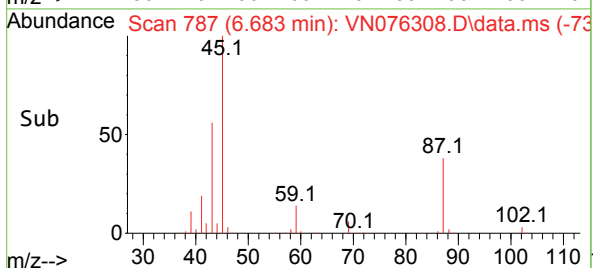
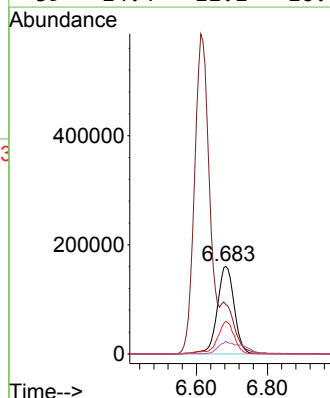
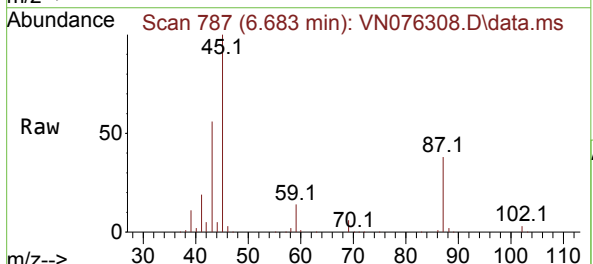
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

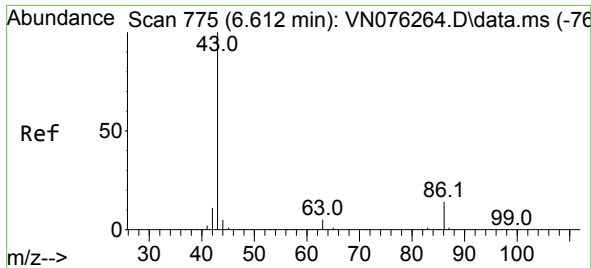
Tgt Ion: 96 Resp: 198296
Ion Ratio Lower Upper
96 100
61 120.7 97.0 145.4
98 62.2 51.9 77.9



#22
Diisopropyl ether
Concen: 47.661 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 45 Resp: 531337
Ion Ratio Lower Upper
45 100
43 55.7 44.4 66.6
87 37.5 28.4 42.6
59 14.4 11.1 16.7

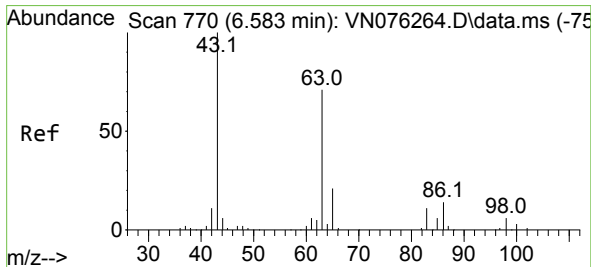
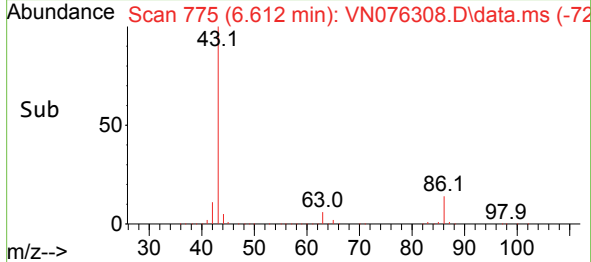
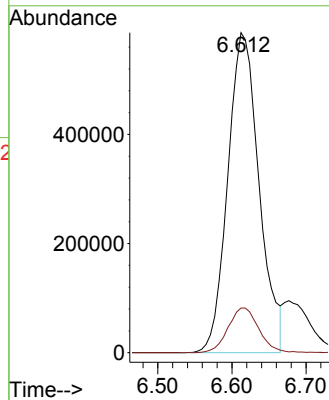
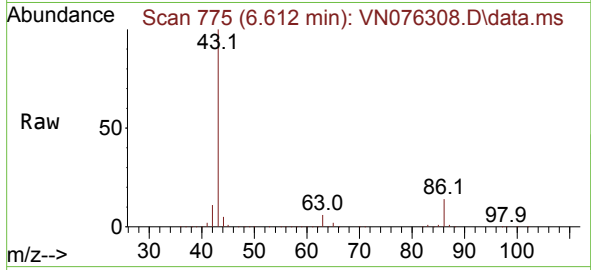




#23
 Vinyl Acetate
 Concen: 239.259 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

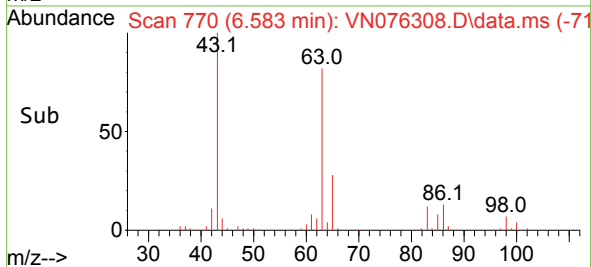
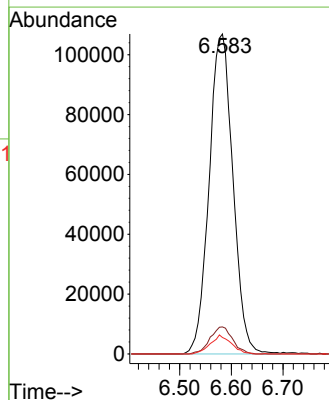
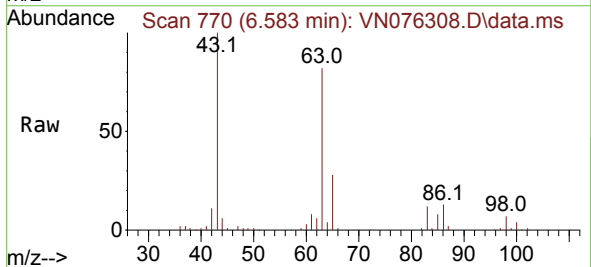
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

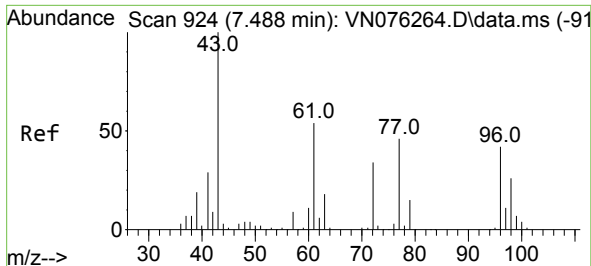
Tgt Ion: 43 Resp: 1723860
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 46.004 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

Tgt Ion: 63 Resp: 341861
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 5.1 2.2 6.6





#25

2-Butanone

Concen: 226.521 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.001 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

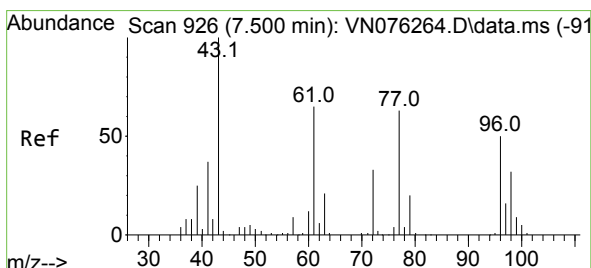
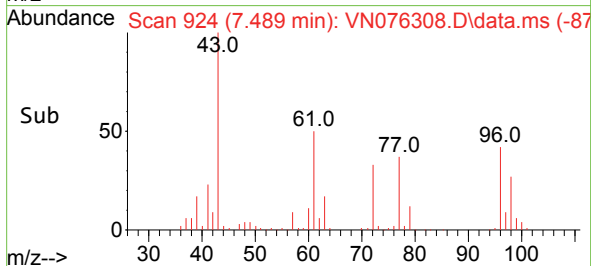
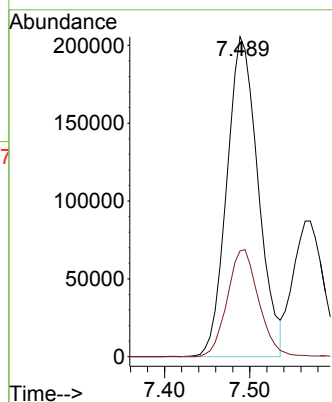
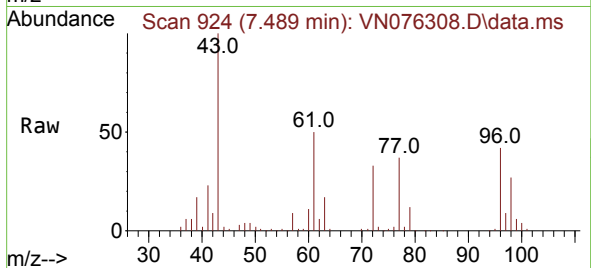
VSTDCCC050EC

Tgt Ion: 43 Resp: 525928

Ion Ratio Lower Upper

43 100

72 33.0 27.4 41.2



#26

2,2-Dichloropropane

Concen: 40.419 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076308.D

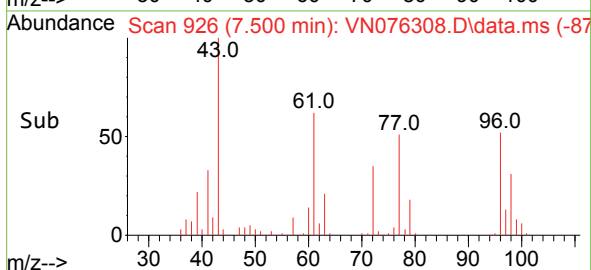
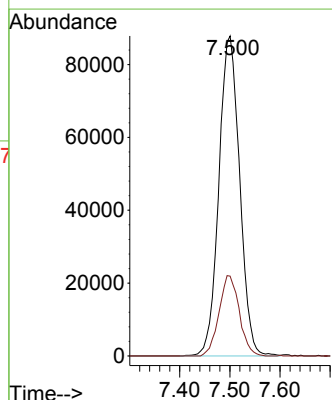
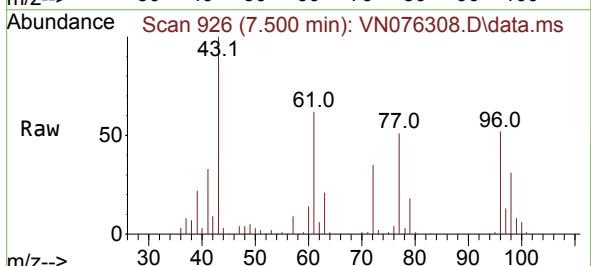
Acq: 18 Jan 2023 20:43

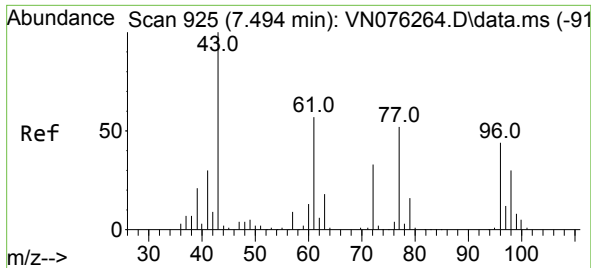
Tgt Ion: 77 Resp: 253149

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.4

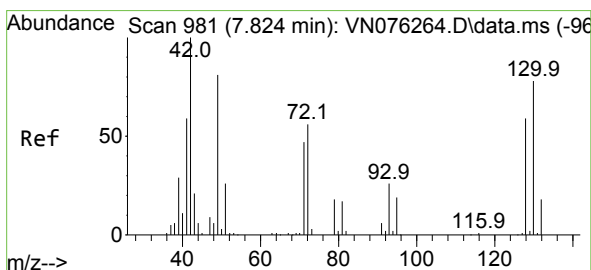
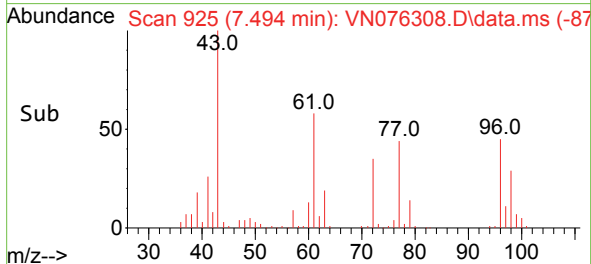
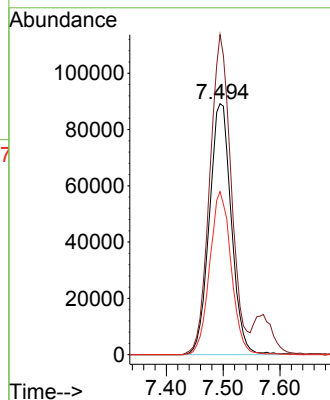
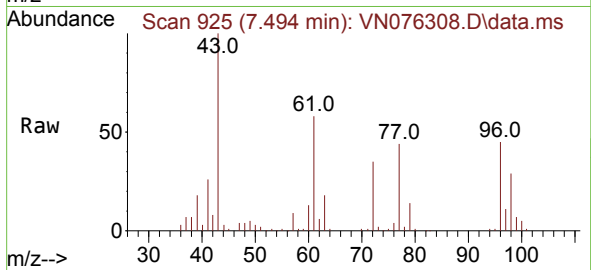




#27
 cis-1,2-Dichloroethene
 Concen: 46.677 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

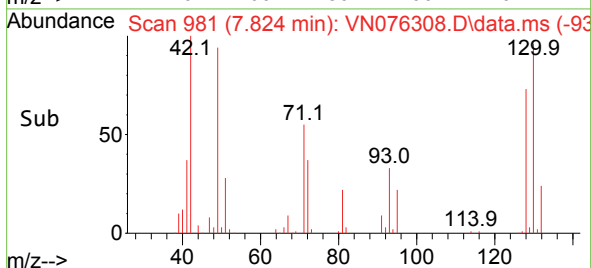
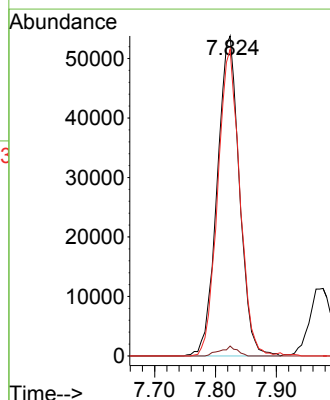
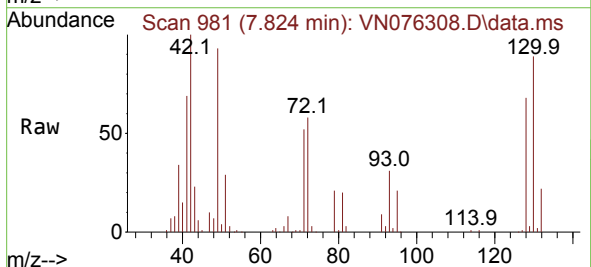
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

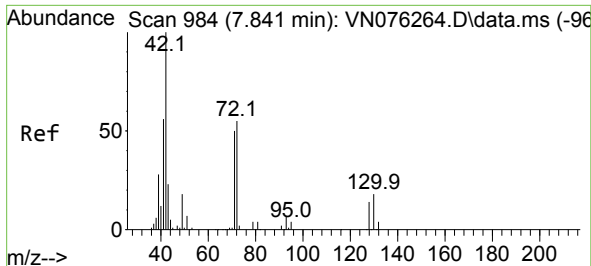
Tgt Ion: 96 Resp: 239248
 Ion Ratio Lower Upper
 96 100
 61 124.8 0.0 259.6
 98 63.4 0.0 129.4



#28
 Bromochloromethane
 Concen: 45.280 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

Tgt Ion: 49 Resp: 136383
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 94.8 76.0 114.0





#29

Tetrahydrofuran

Concen: 241.907 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

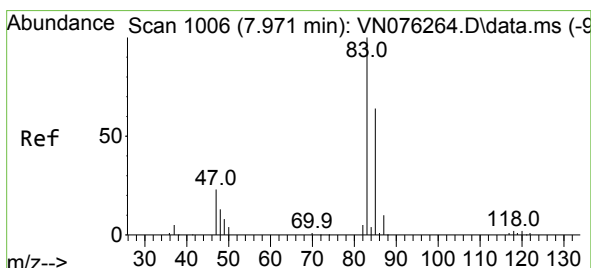
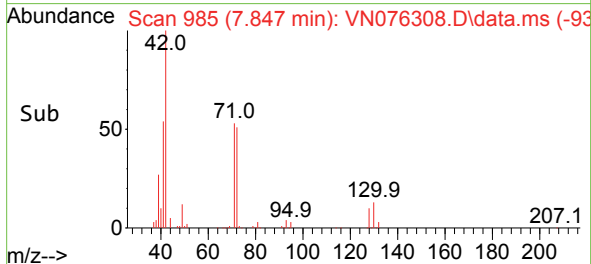
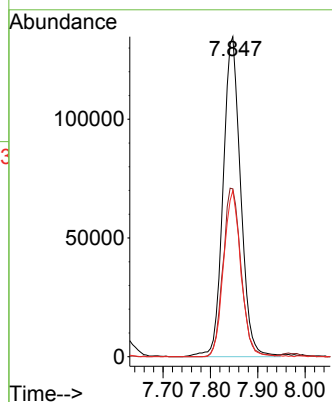
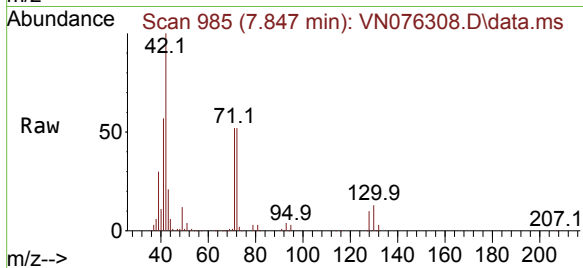
Tgt Ion: 42 Resp: 346642

Ion Ratio Lower Upper

42 100

72 54.0 44.0 66.0

71 51.5 41.1 61.7



#30

Chloroform

Concen: 46.656 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN076308.D

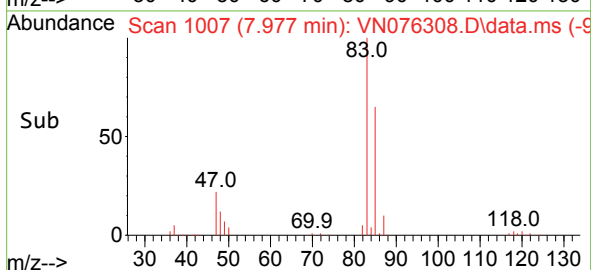
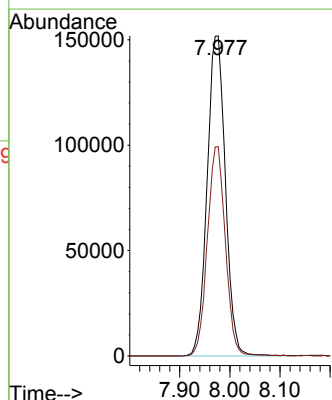
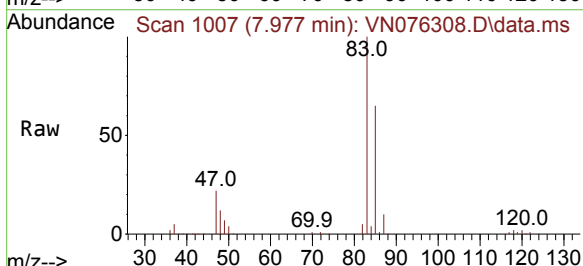
Acq: 18 Jan 2023 20:43

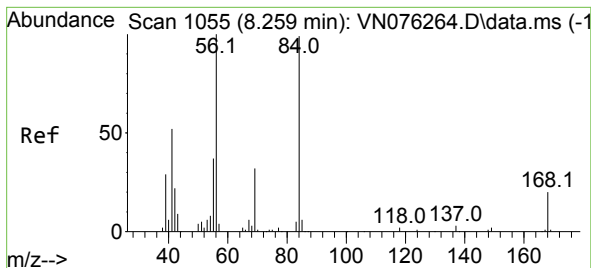
Tgt Ion: 83 Resp: 383633

Ion Ratio Lower Upper

83 100

85 65.4 51.0 76.6





#31

Cyclohexane

Concen: 42.343 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

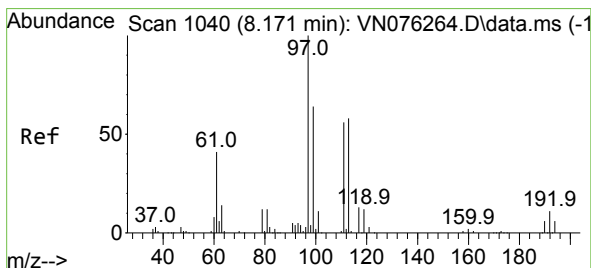
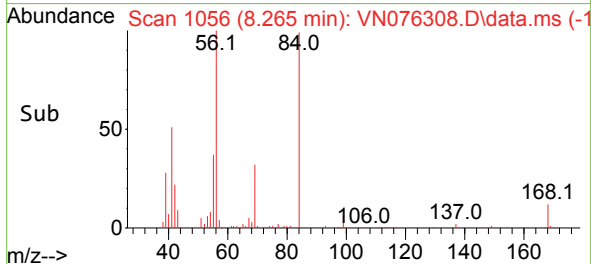
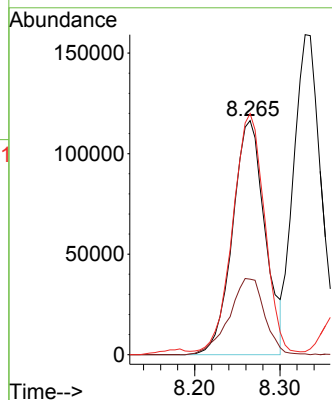
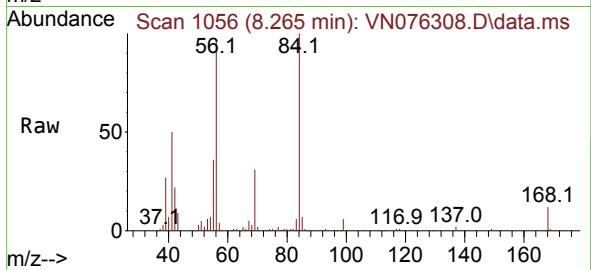
Tgt Ion: 56 Resp: 308451

Ion Ratio Lower Upper

56 100

69 32.3 25.8 38.8

84 100.5 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 46.138 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

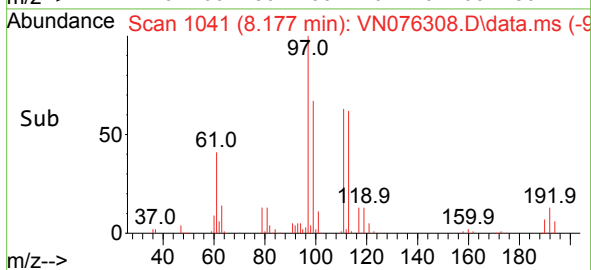
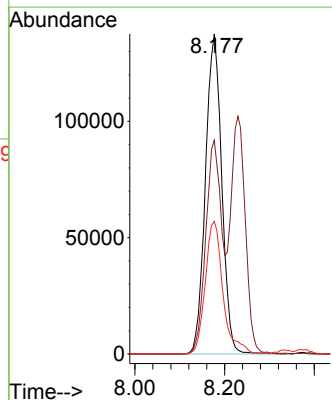
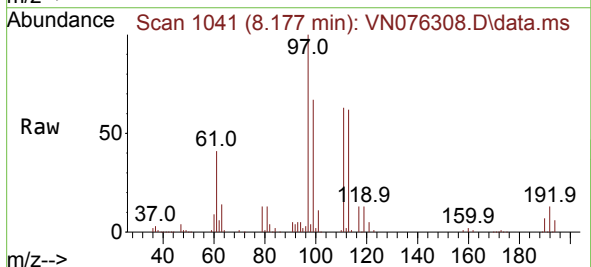
Tgt Ion: 97 Resp: 346366

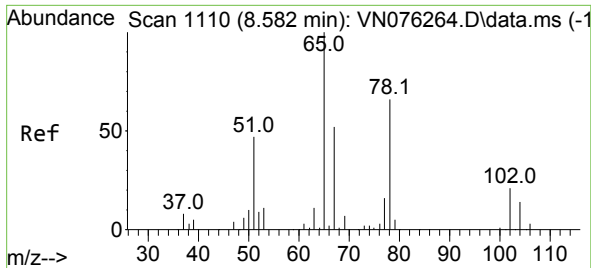
Ion Ratio Lower Upper

97 100

99 64.1 55.0 82.4

61 45.3 36.2 54.4

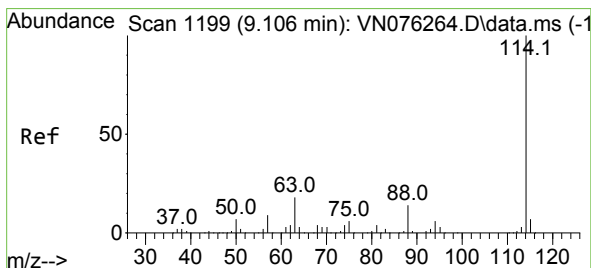
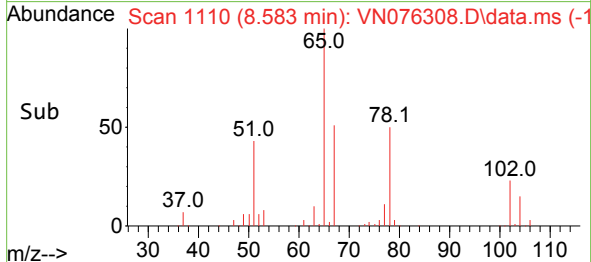
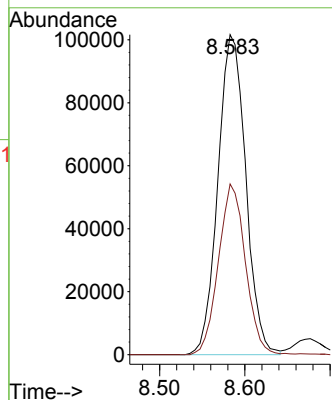
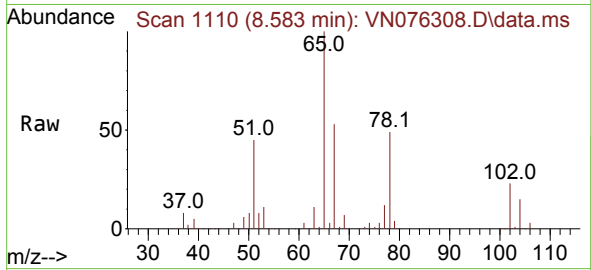




#33
 1,2-Dichloroethane-d4
 Concen: 48.637 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.001 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

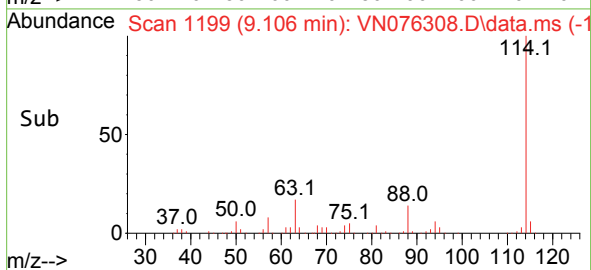
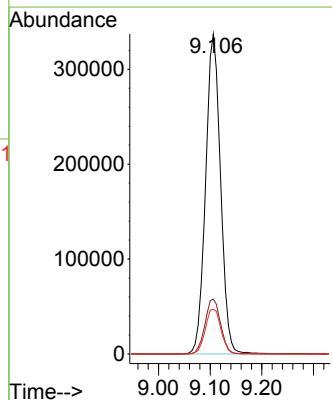
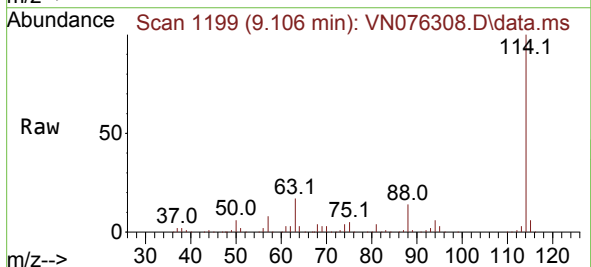
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

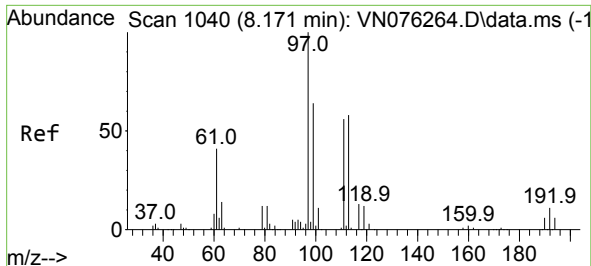
Tgt Ion: 65 Resp: 230643
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

Tgt Ion: 114 Resp: 676863
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 14.0 0.0 28.0

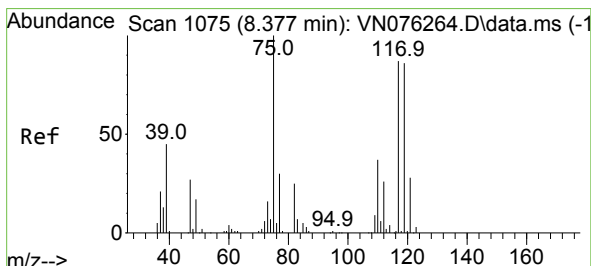
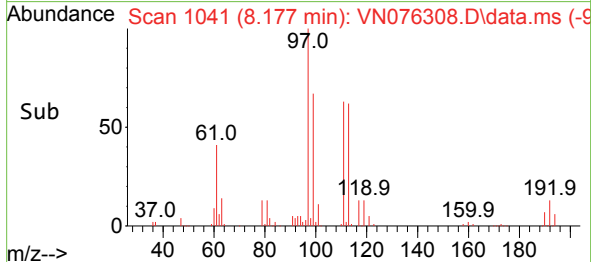
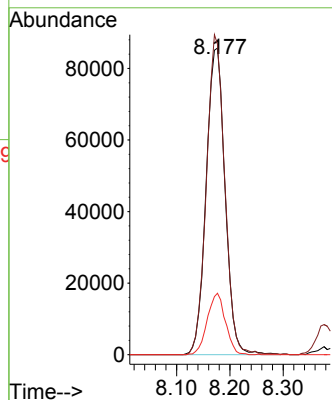
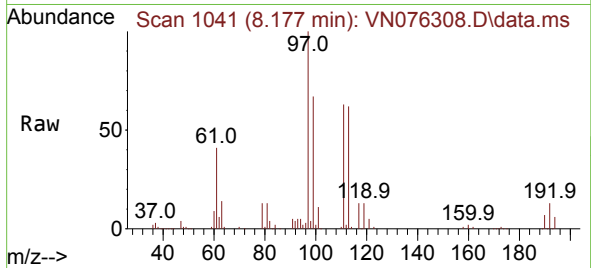




#35
Dibromofluoromethane
Concen: 49.960 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

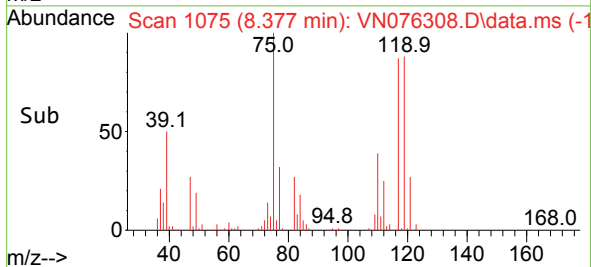
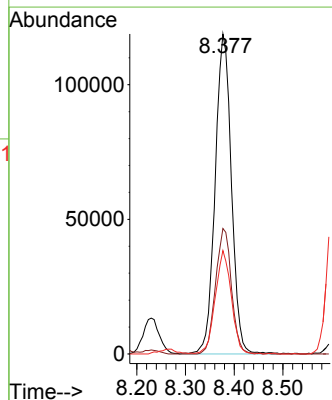
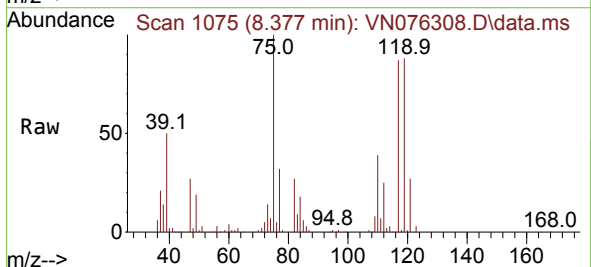
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

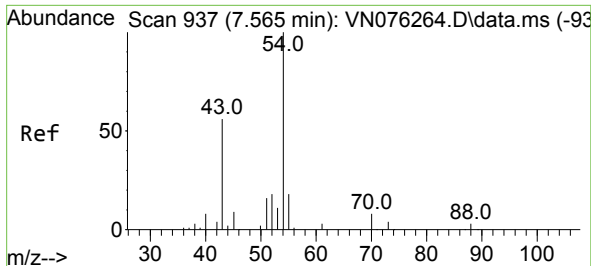
Tgt Ion:113 Resp: 211532
Ion Ratio Lower Upper
113 100
111 101.2 82.7 124.1
192 19.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 45.816 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 75 Resp: 275654
Ion Ratio Lower Upper
75 100
110 38.3 18.8 56.3
77 31.7 25.0 37.4

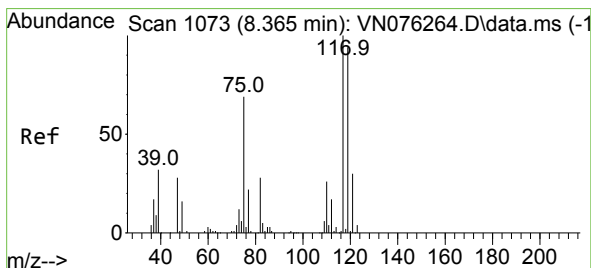
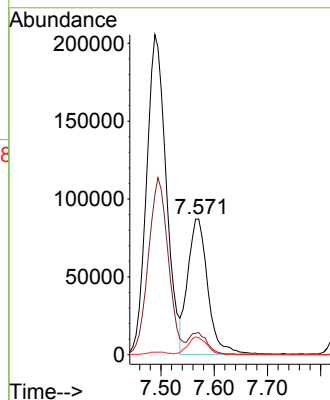
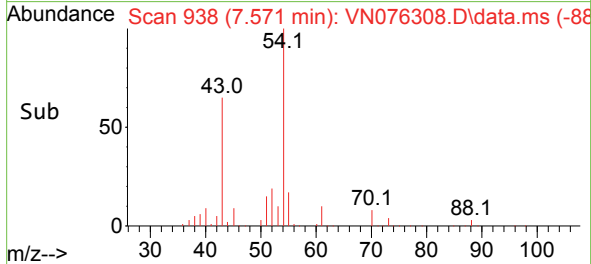
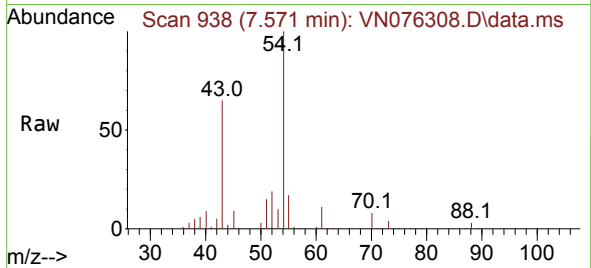




#37
Ethyl Acetate
Concen: 46.979 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

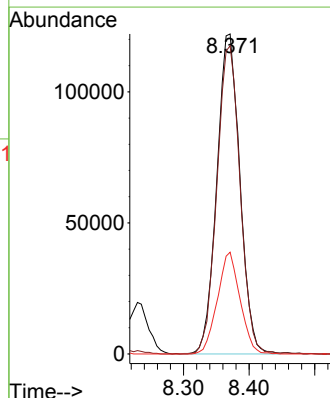
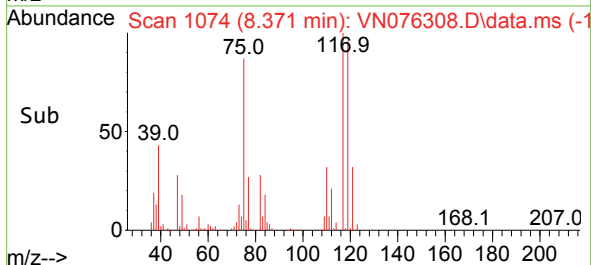
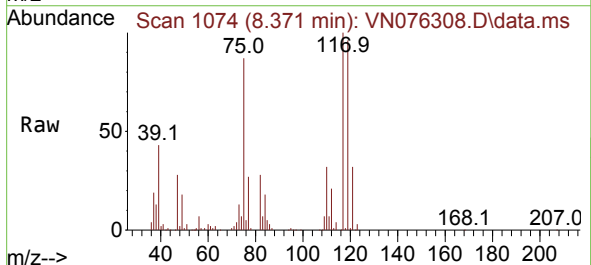
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

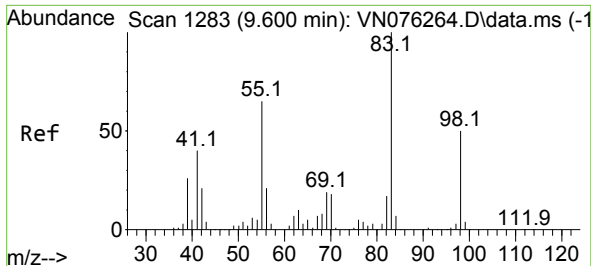
Tgt Ion: 43 Resp: 226702
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 12.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 44.380 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 117 Resp: 297760
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.0
121 31.8 24.2 36.2





#39

Methylcyclohexane

Concen: 47.154 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

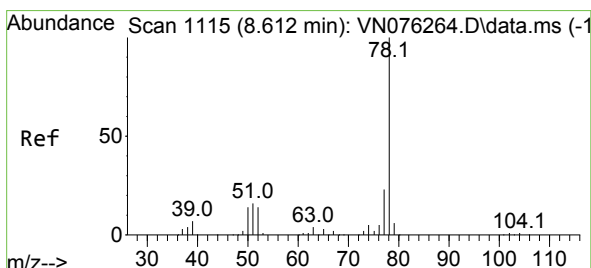
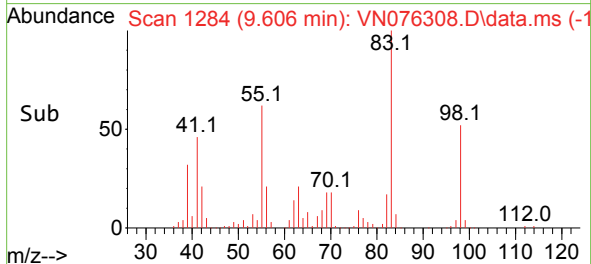
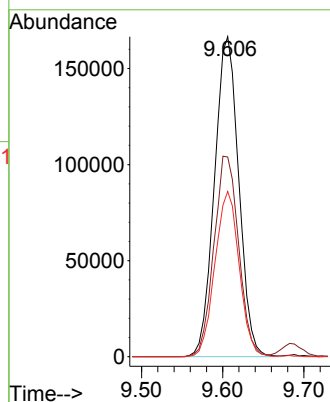
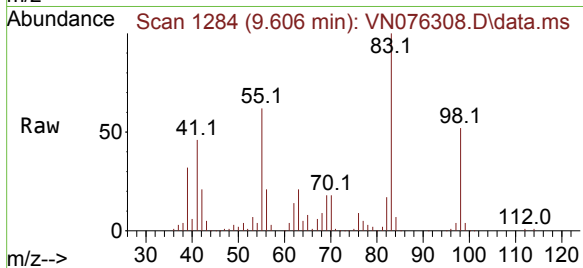
Tgt Ion: 83 Resp: 346453

Ion Ratio Lower Upper

83 100

55 62.4 51.7 77.5

98 51.7 40.0 60.0



#40

Benzene

Concen: 46.609 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076308.D

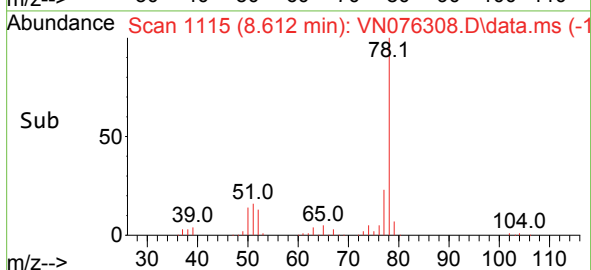
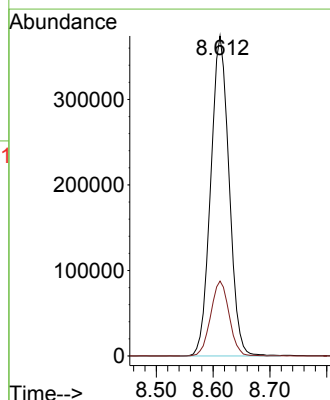
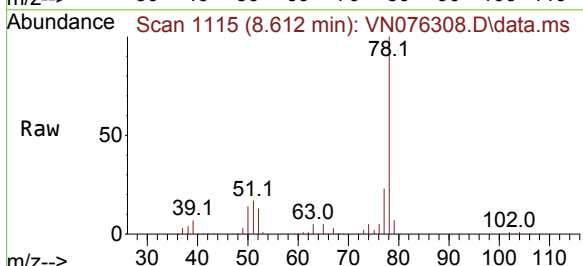
Acq: 18 Jan 2023 20:43

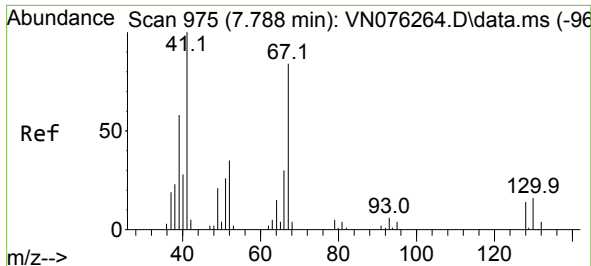
Tgt Ion: 78 Resp: 838508

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0



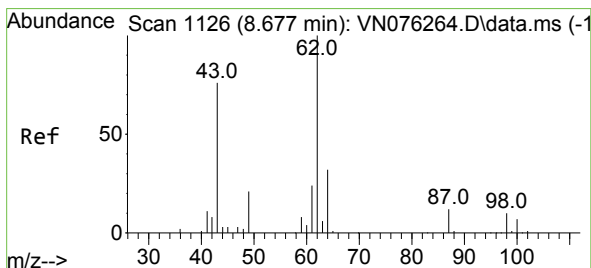
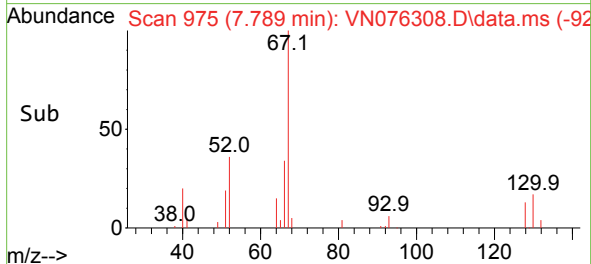
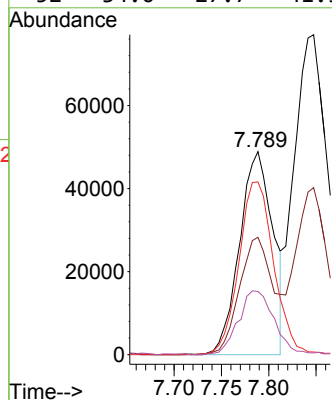
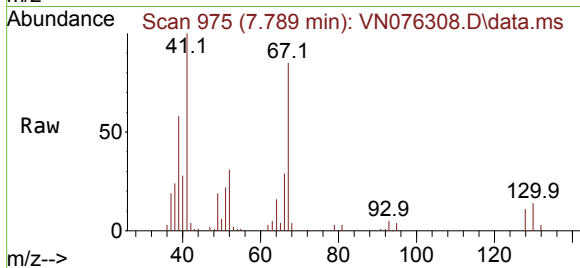


#41
Methacrylonitrile
Concen: 47.293 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 119499

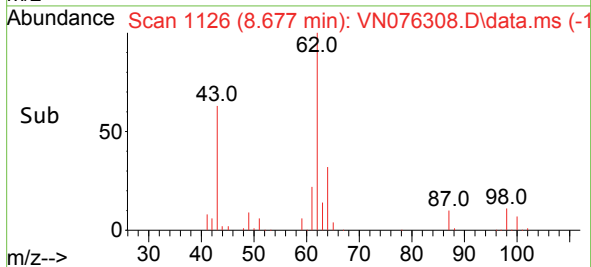
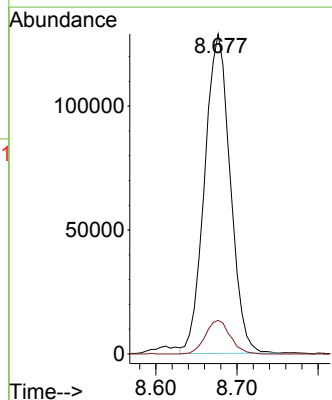
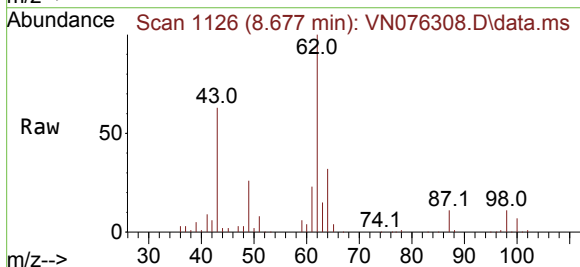
Ion	Ratio	Lower	Upper
41	100		
39	61.9	42.4	63.6
67	89.5	68.8	103.2
52	34.0	27.7	41.5

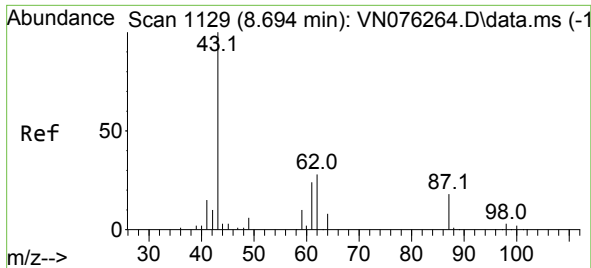


#42
1,2-Dichloroethane
Concen: 45.866 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 62 Resp: 282319

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

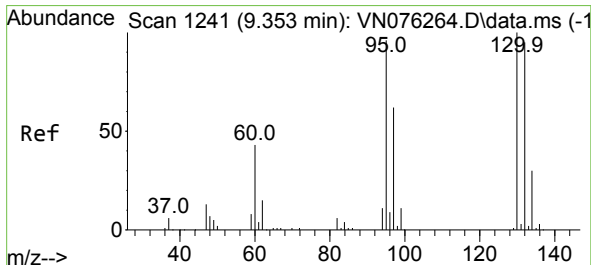
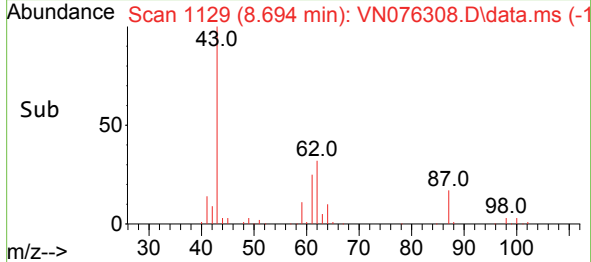
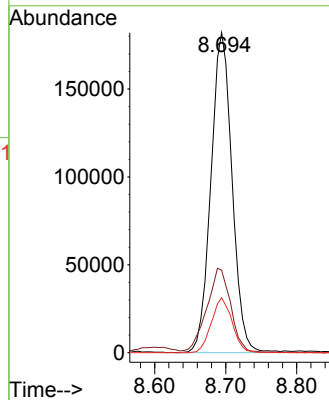
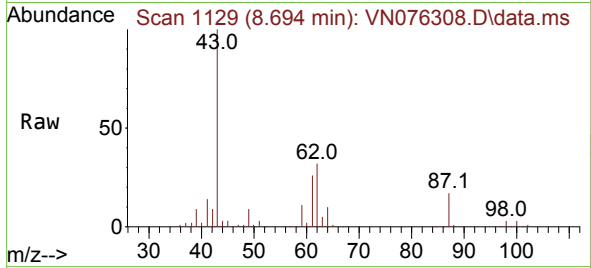




#43
Isopropyl Acetate
Concen: 47.916 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

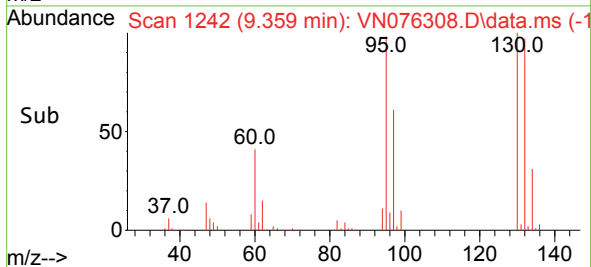
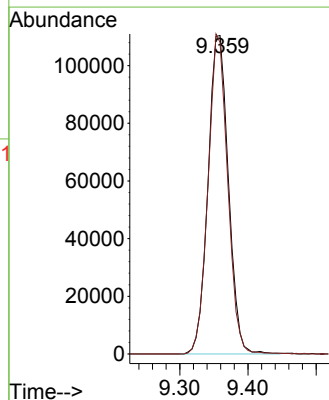
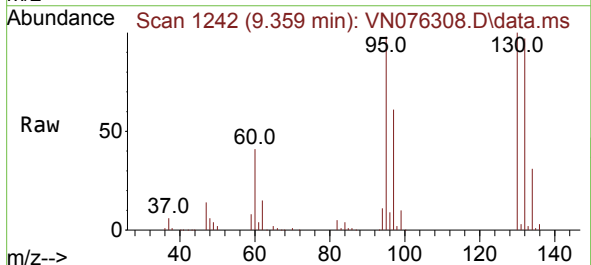
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

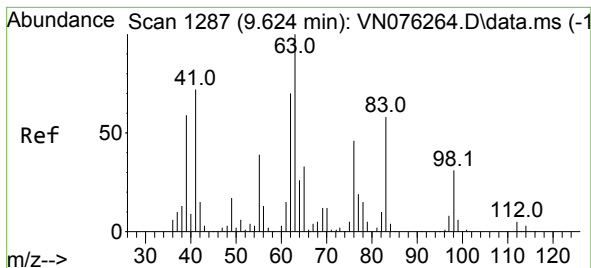
Tgt Ion: 43 Resp: 376166
Ion Ratio Lower Upper
43 100
61 30.2 23.5 35.3
87 16.8 13.8 20.6



#44
Trichloroethene
Concen: 45.217 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 130 Resp: 230074
Ion Ratio Lower Upper
130 100
95 97.8 0.0 192.0





#45

1,2-Dichloropropane

Concen: 46.263 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

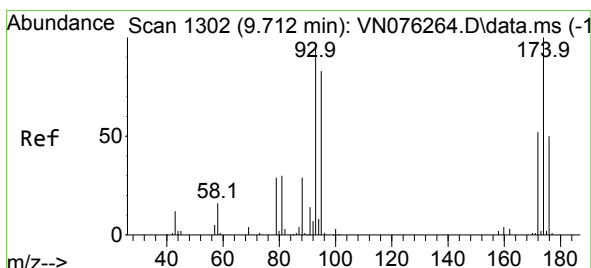
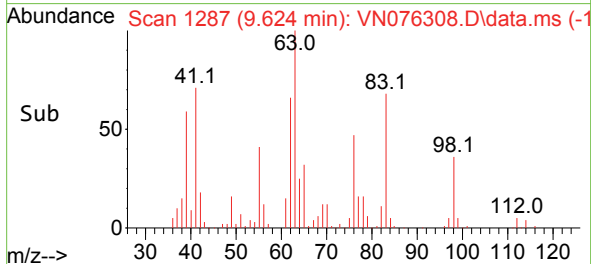
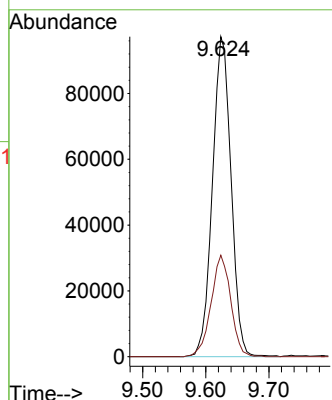
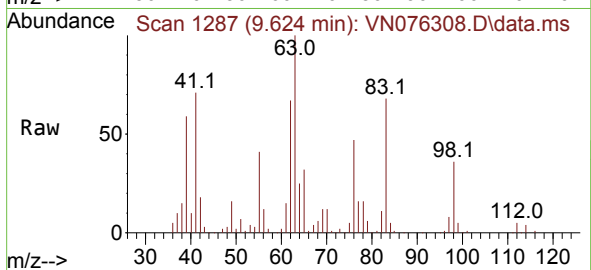
VSTDCCC050EC

Tgt Ion: 63 Resp: 199265

Ion Ratio Lower Upper

63 100

65 31.7 26.4 39.6



#46

Dibromomethane

Concen: 46.085 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

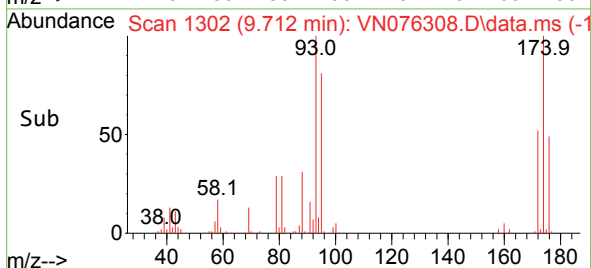
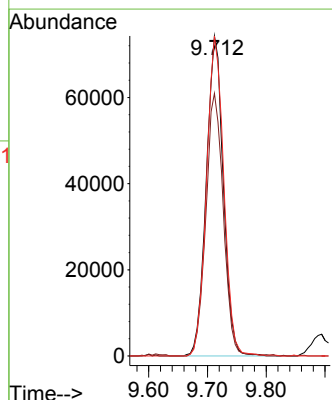
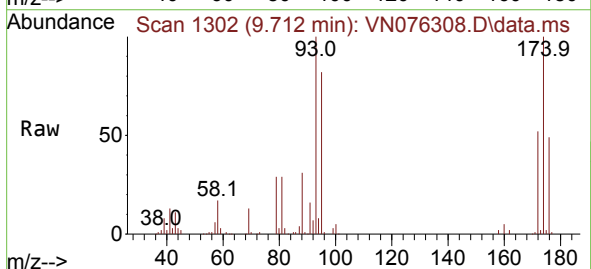
Tgt Ion: 93 Resp: 149869

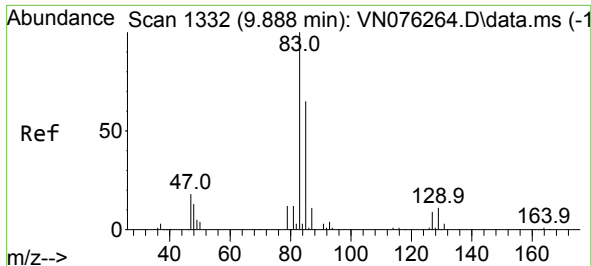
Ion Ratio Lower Upper

93 100

95 83.8 66.0 99.0

174 101.3 81.3 121.9

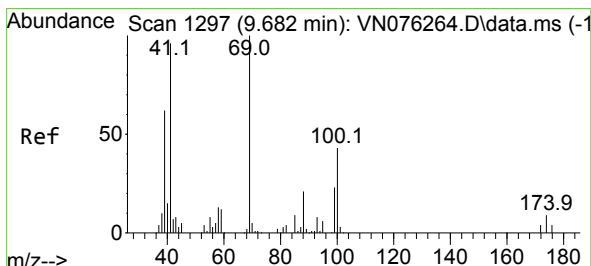
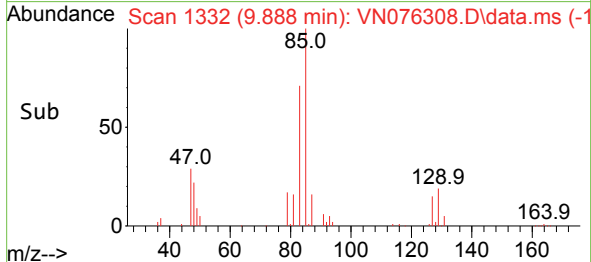
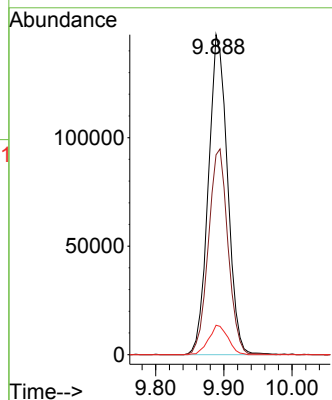
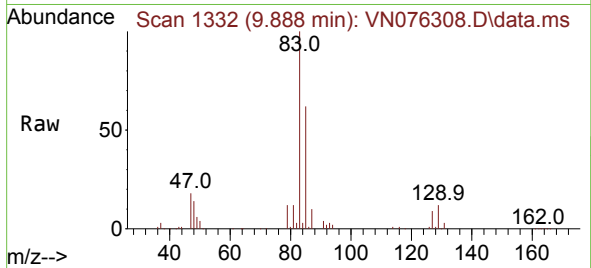




#47
Bromodichloromethane
Concen: 45.661 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

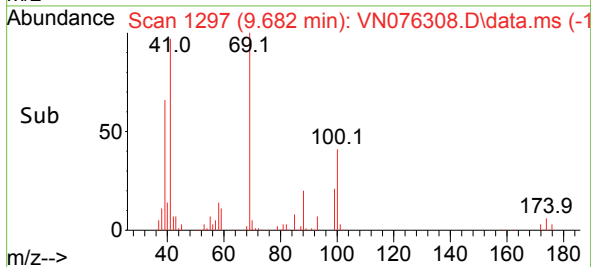
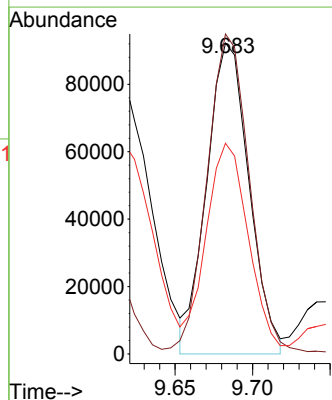
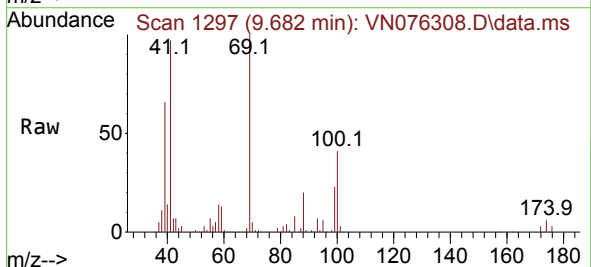
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

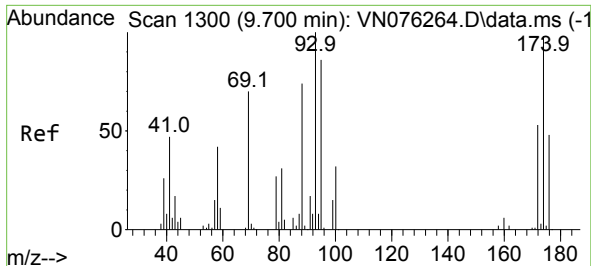
Tgt Ion: 83 Resp: 288000
Ion Ratio Lower Upper
83 100
85 62.5 52.1 78.1
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 47.120 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 41 Resp: 175125
Ion Ratio Lower Upper
41 100
69 104.2 80.8 121.2
39 68.5 54.4 81.6





#49

1,4-Dioxane

Concen: 1010.362 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

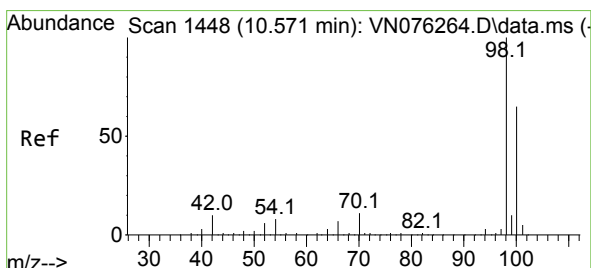
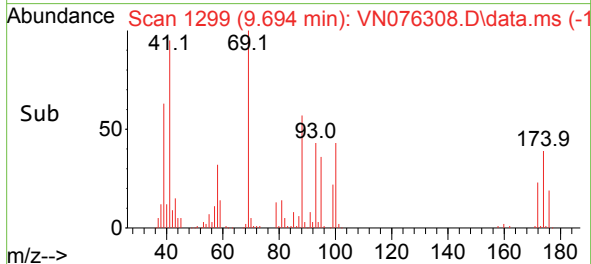
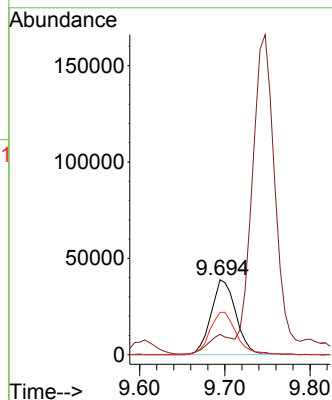
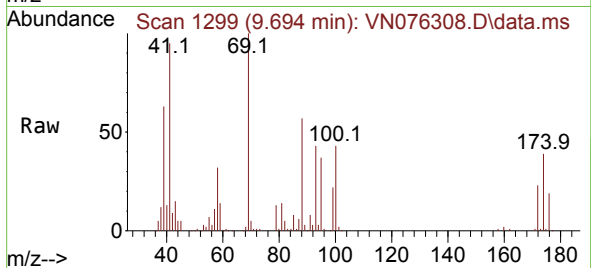
Tgt Ion: 88 Resp: 79235

Ion Ratio Lower Upper

88 100

43 25.8 18.1 27.1

58 60.0 46.5 69.7



#50

Toluene-d8

Concen: 50.704 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076308.D

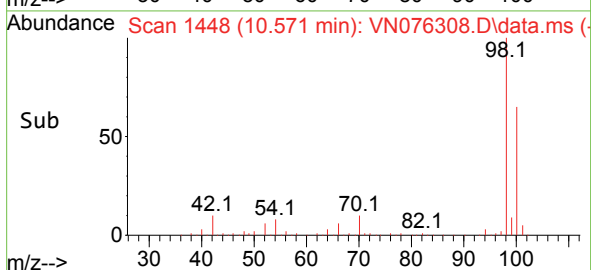
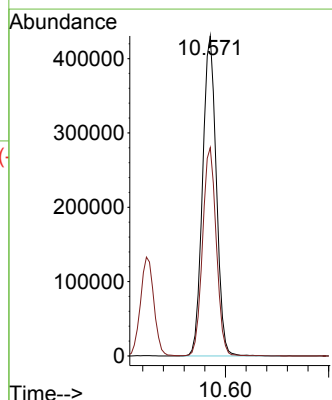
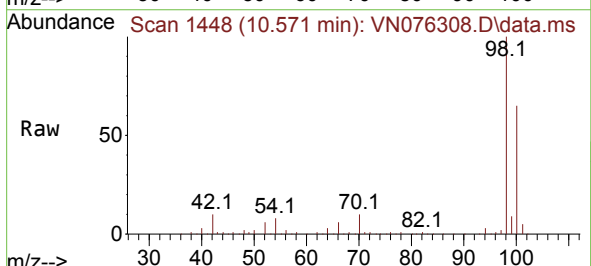
Acq: 18 Jan 2023 20:43

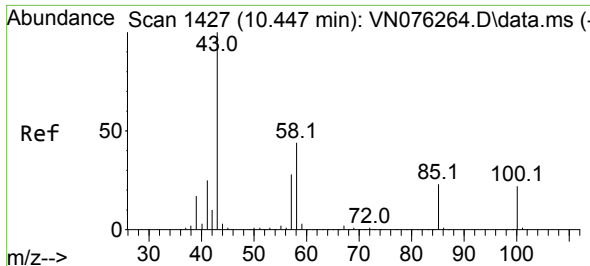
Tgt Ion: 98 Resp: 792845

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4

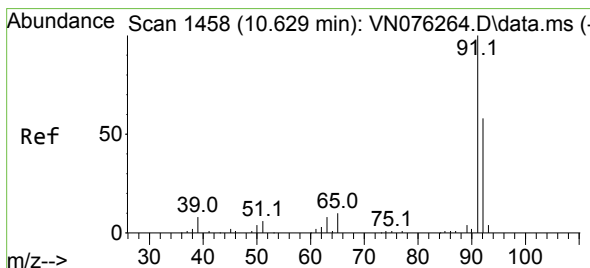
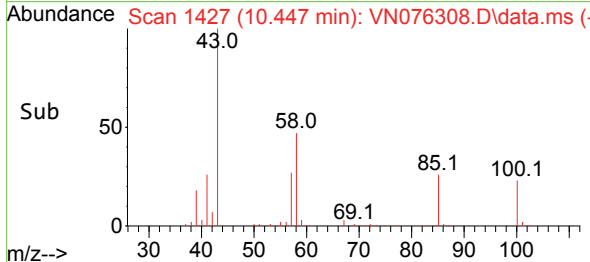
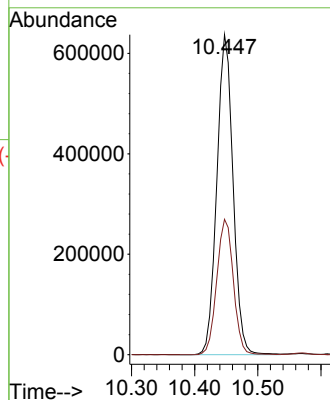
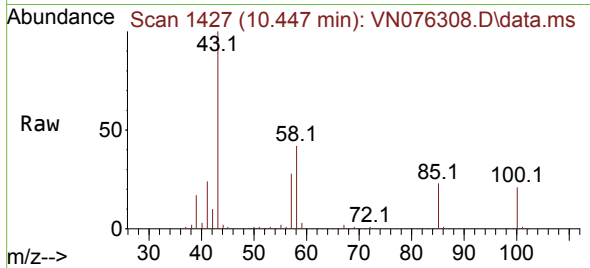




#51
4-Methyl-2-Pentanone
Concen: 246.230 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

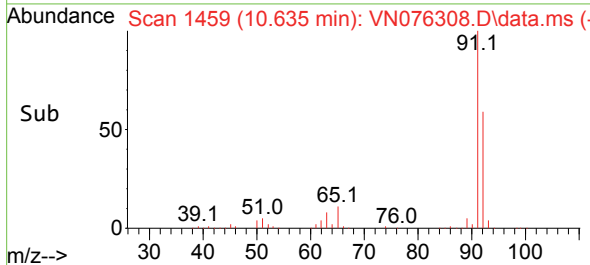
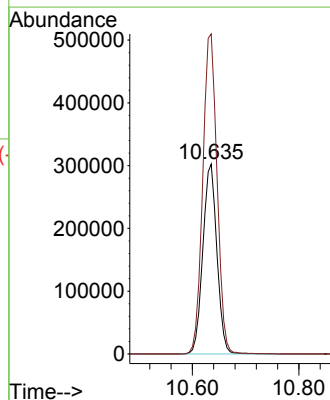
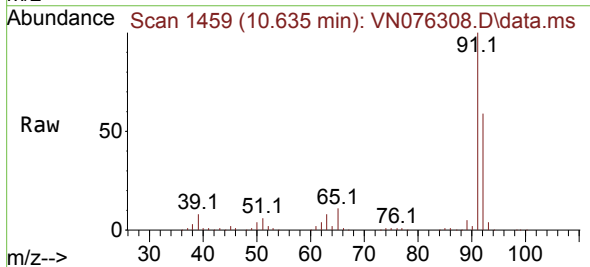
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

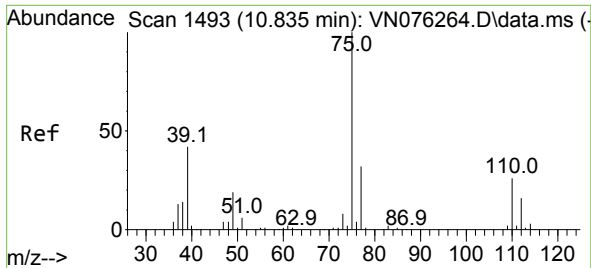
Tgt Ion: 43 Resp: 1134776
Ion Ratio Lower Upper
43 100
58 43.4 35.1 52.7



#52
Toluene
Concen: 45.979 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 92 Resp: 553167
Ion Ratio Lower Upper
92 100
91 172.0 136.6 205.0

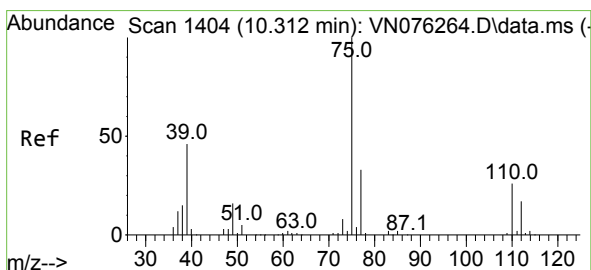
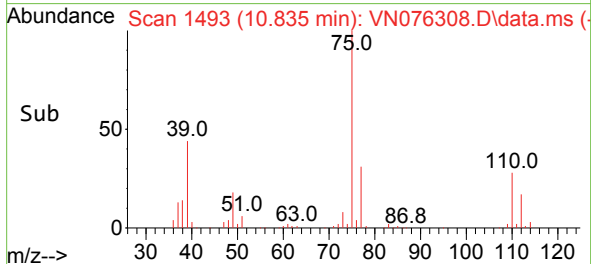
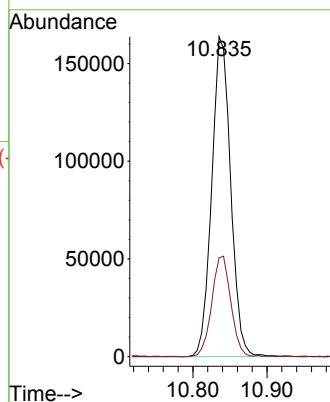
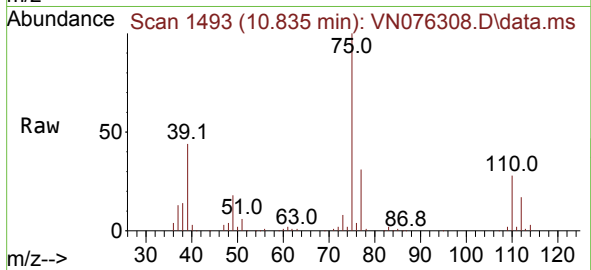




#53
 t-1,3-Dichloropropene
 Concen: 48.361 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

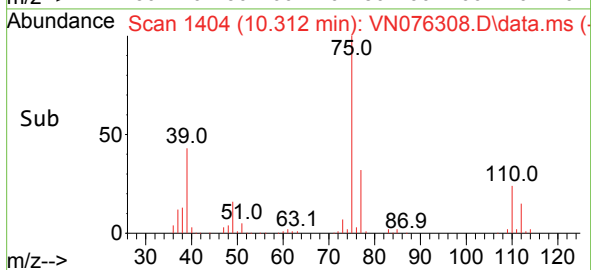
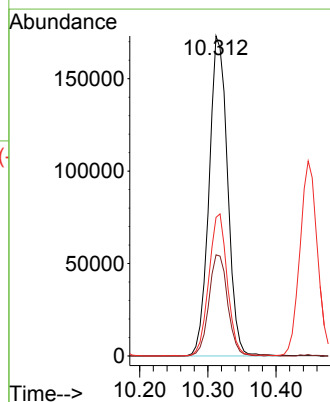
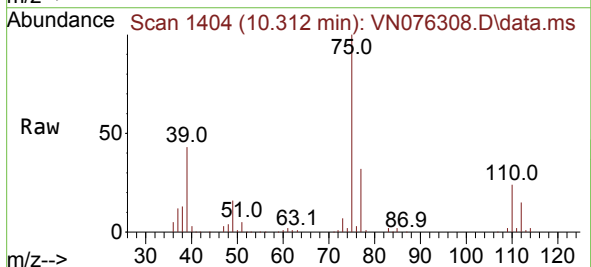
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

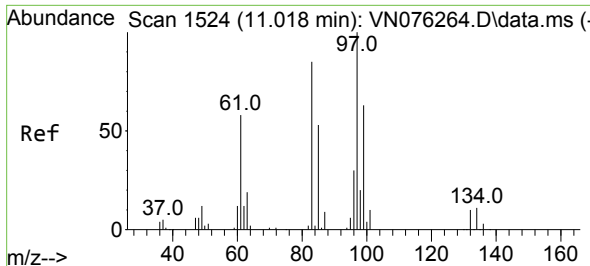
Tgt Ion: 75 Resp: 290779
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 47.289 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

Tgt Ion: 75 Resp: 327119
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.5 39.7
 39 43.3 37.1 55.7



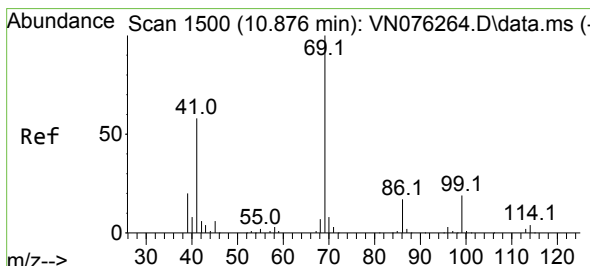
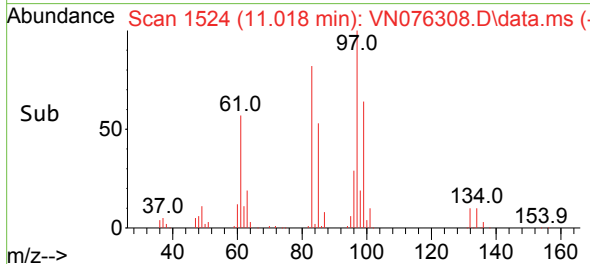
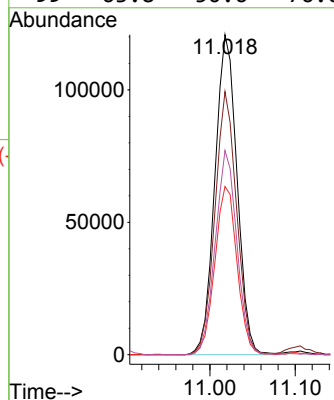
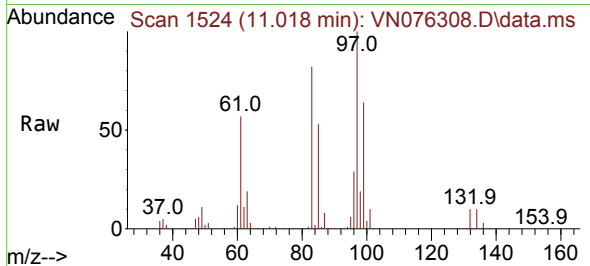


#55
1,1,2-Trichloroethane
Concen: 47.448 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 218192

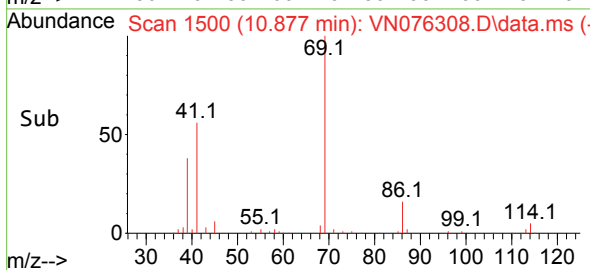
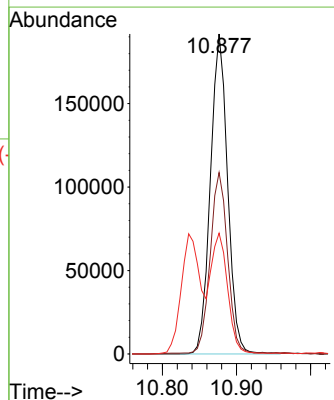
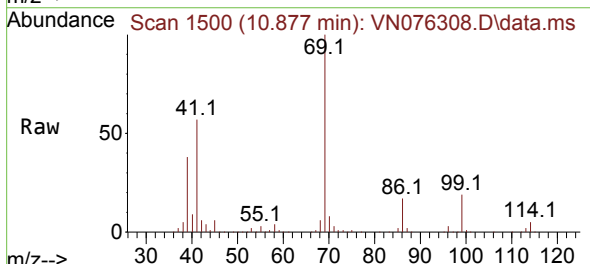
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.8	101.6
85	52.6	42.3	63.5
99	63.8	50.6	76.0

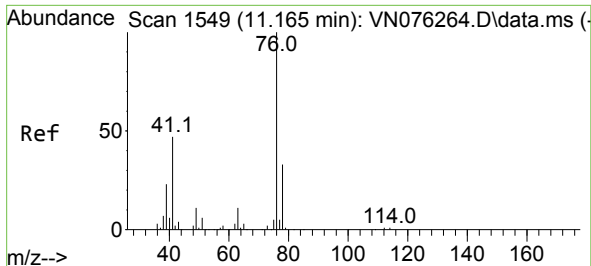


#56
Ethyl methacrylate
Concen: 52.137 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 69 Resp: 309531

Ion	Ratio	Lower	Upper
69	100		
41	58.2	45.3	67.9
39	35.8	29.3	43.9





#57

1,3-Dichloropropane

Concen: 46.969 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

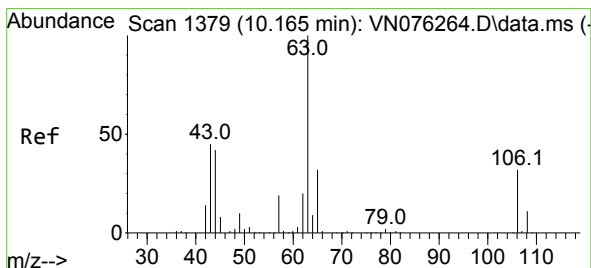
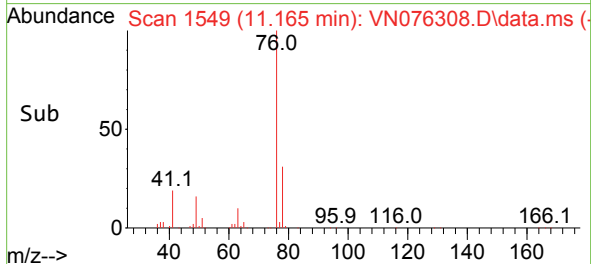
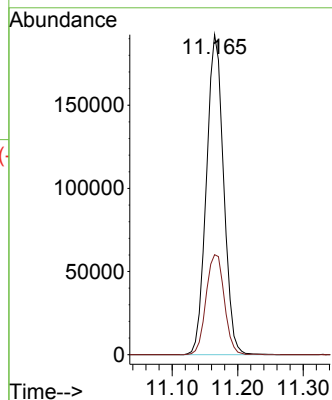
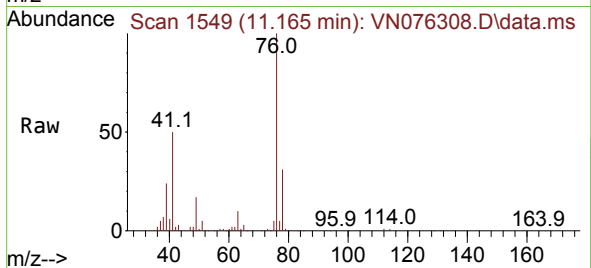
VSTDCCC050EC

Tgt Ion: 76 Resp: 351003

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 253.075 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076308.D

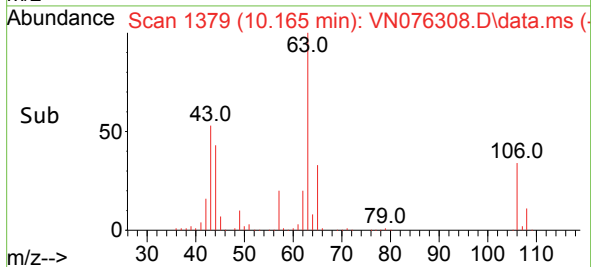
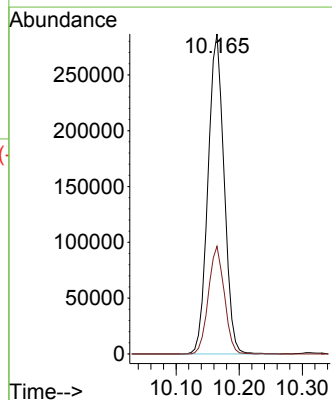
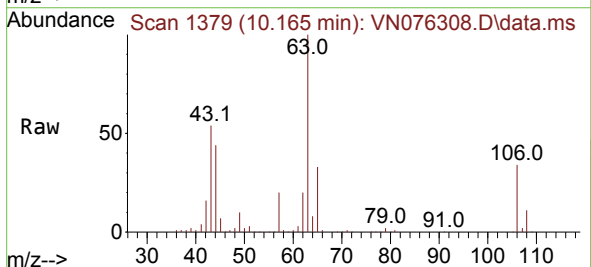
Acq: 18 Jan 2023 20:43

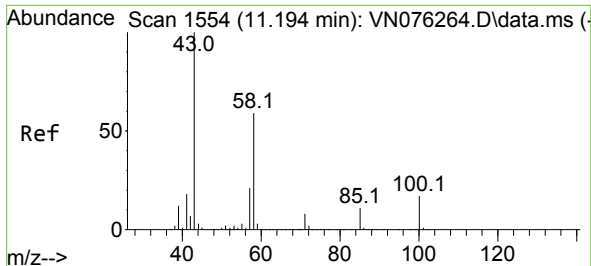
Tgt Ion: 63 Resp: 507224

Ion Ratio Lower Upper

63 100

106 33.2 26.2 39.2

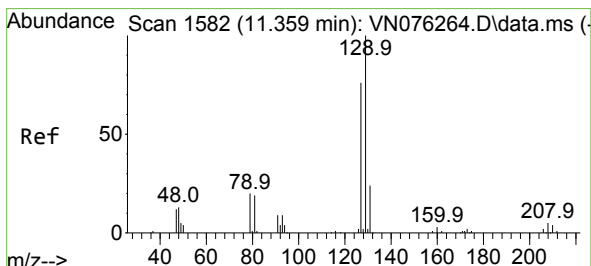
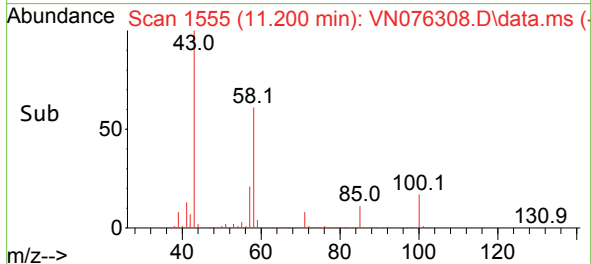
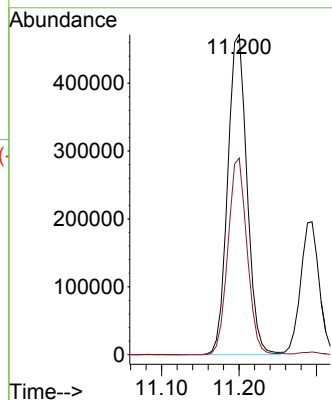
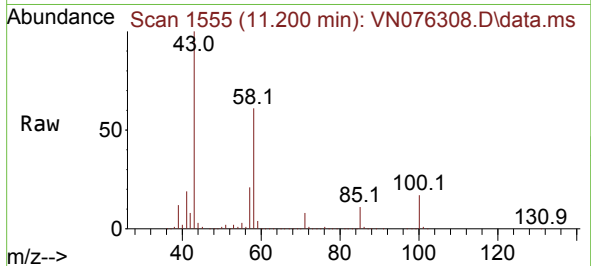




#59
2-Hexanone
Concen: 245.003 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

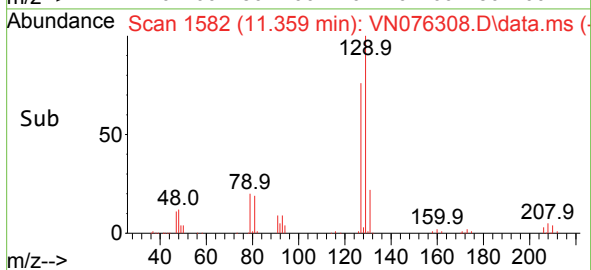
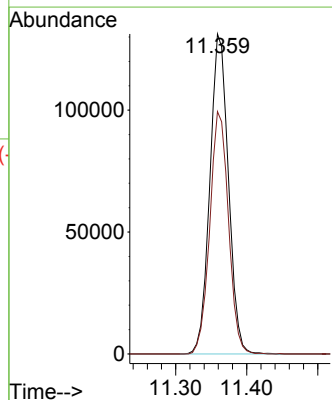
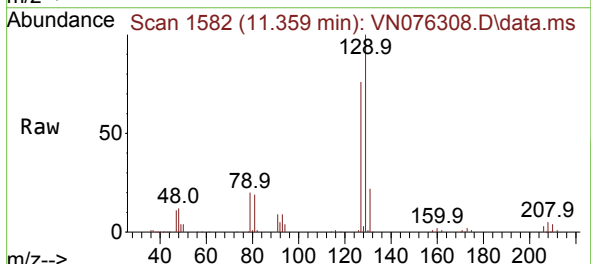
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

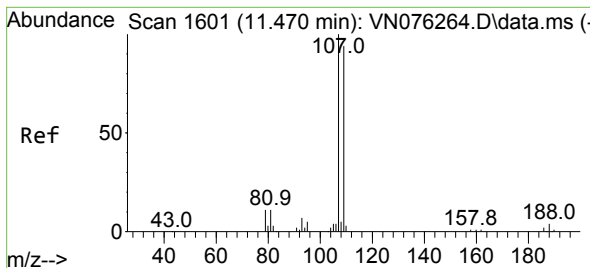
Tgt Ion: 43 Resp: 818224
Ion Ratio Lower Upper
43 100
58 60.9 30.1 90.3



#60
Dibromochloromethane
Concen: 49.107 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 129 Resp: 237720
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 48.671 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

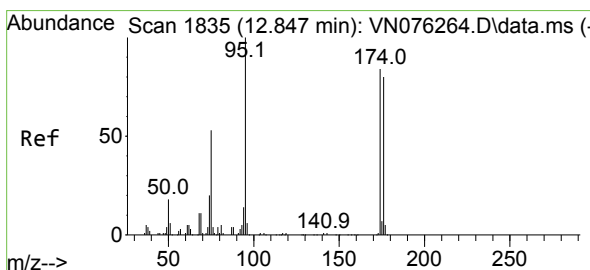
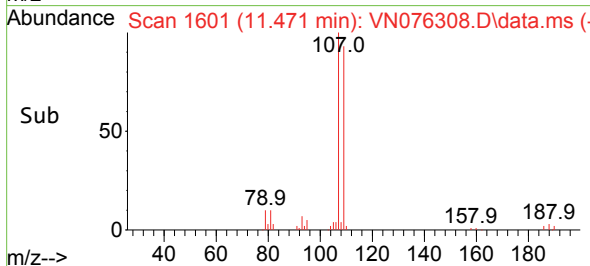
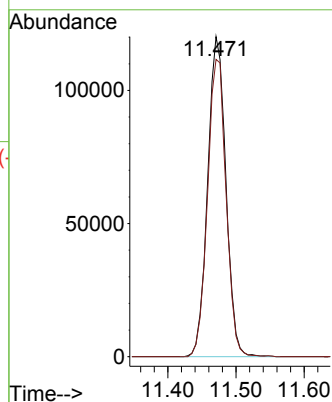
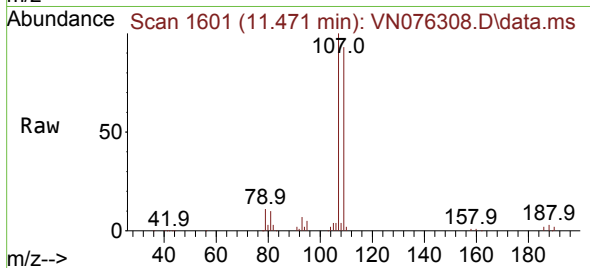
VSTDCCC050EC

Tgt Ion:107 Resp: 223407

Ion Ratio Lower Upper

107 100

109 94.8 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 52.480 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

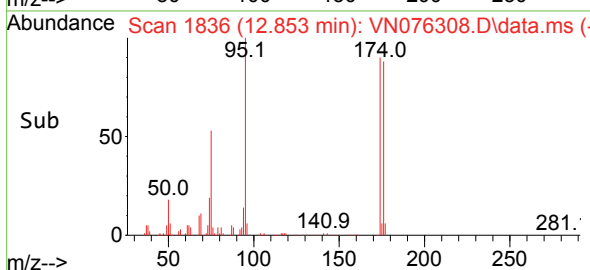
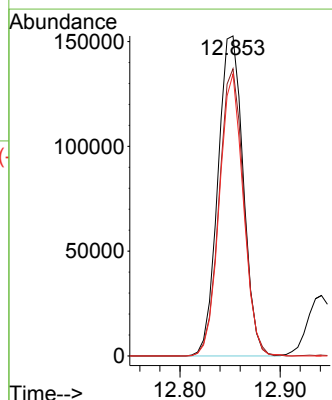
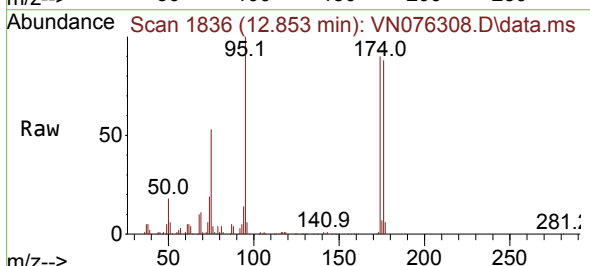
Tgt Ion: 95 Resp: 267898

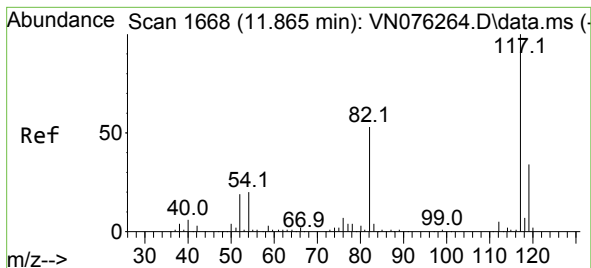
Ion Ratio Lower Upper

95 100

174 86.9 0.0 174.6

176 83.2 0.0 167.8

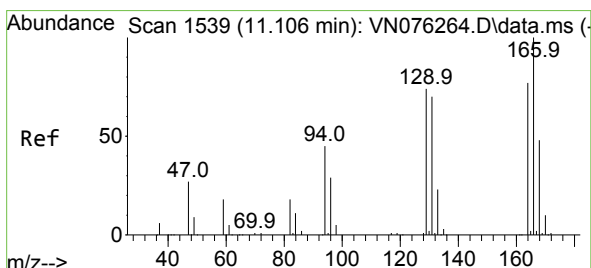
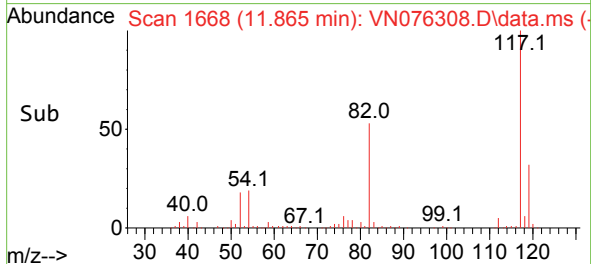
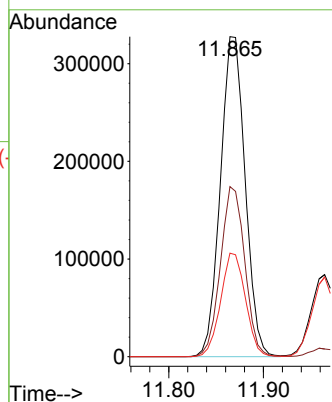
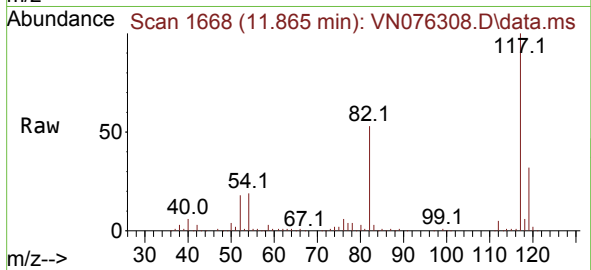




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

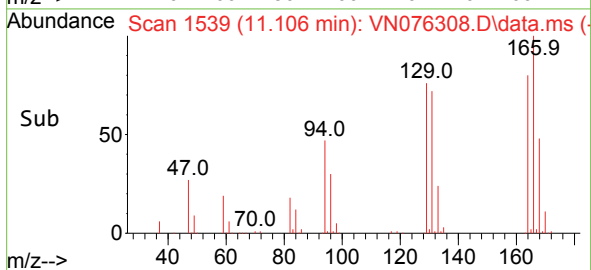
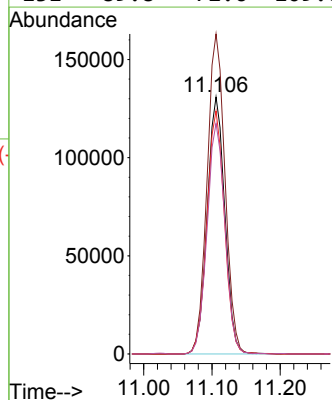
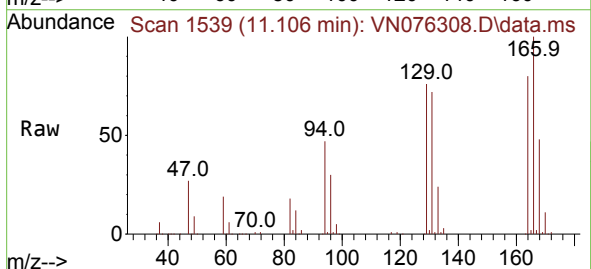
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

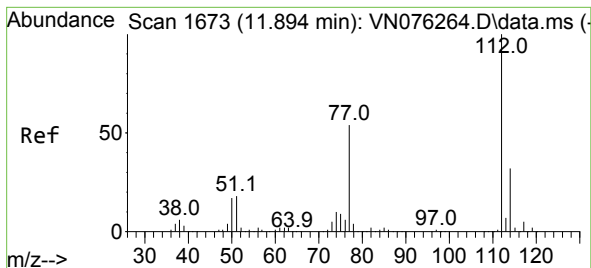
Tgt Ion:117 Resp: 596057
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 32.3 26.9 40.3



#64
Tetrachloroethene
Concen: 43.937 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion:164 Resp: 236173
Ion Ratio Lower Upper
164 100
166 124.6 104.0 156.0
129 94.6 76.6 114.8
131 89.8 72.6 109.0

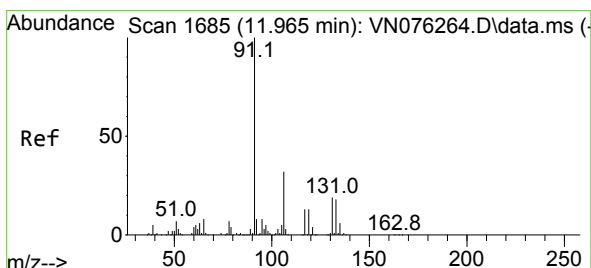
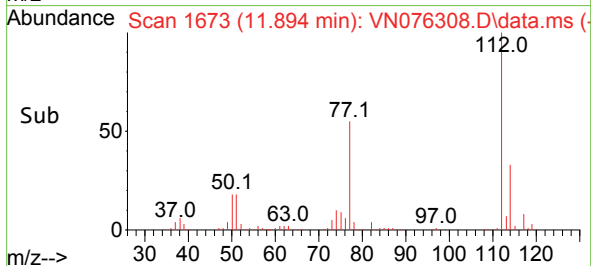
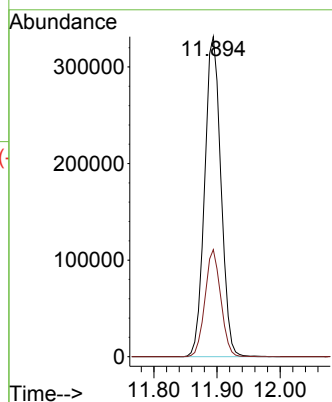
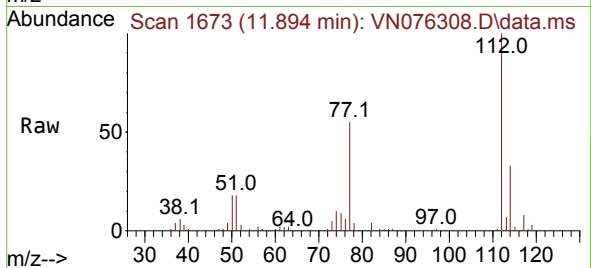




#65
Chlorobenzene
Concen: 47.113 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

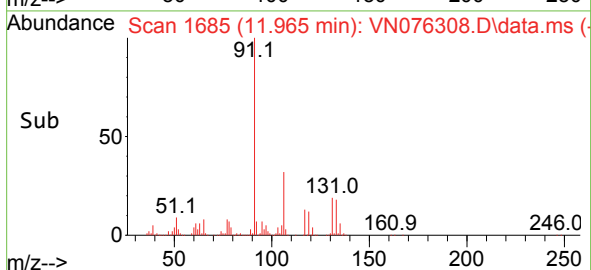
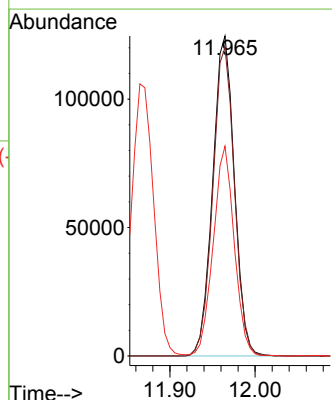
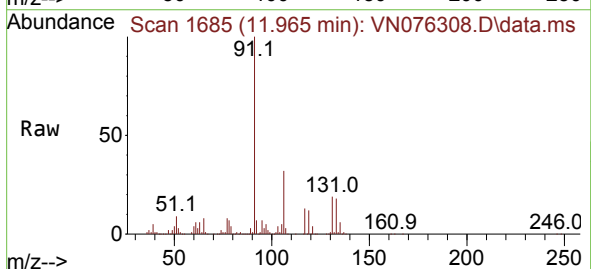
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

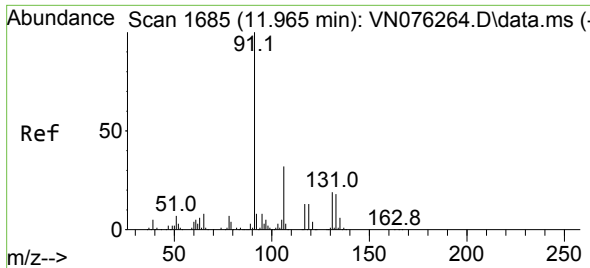
Tgt Ion:112 Resp: 593619
Ion Ratio Lower Upper
112 100
114 33.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 46.954 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion:131 Resp: 220117
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 63.7 32.3 96.8

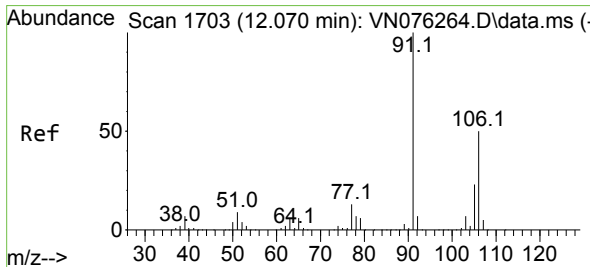
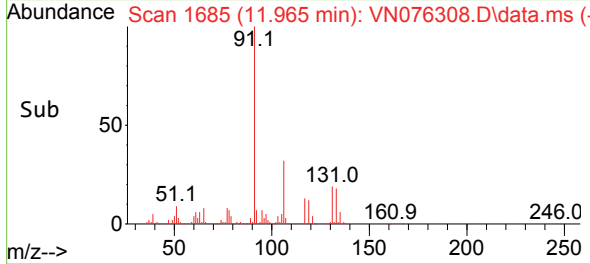
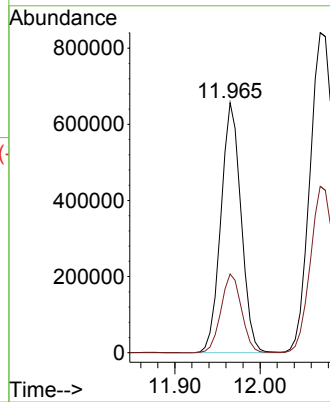
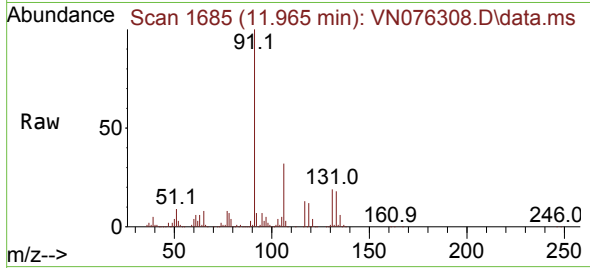




#67
Ethyl Benzene
Concen: 50.060 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

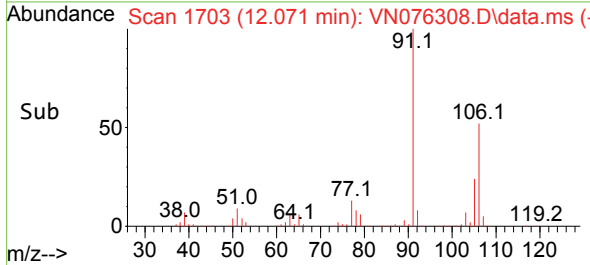
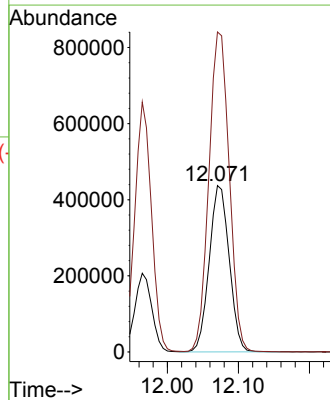
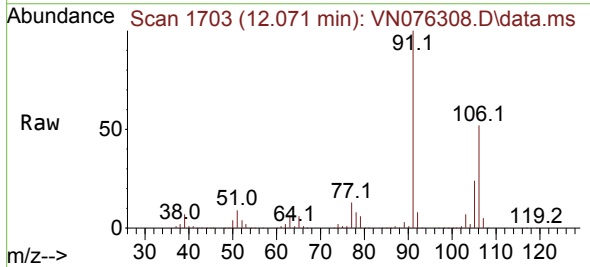
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

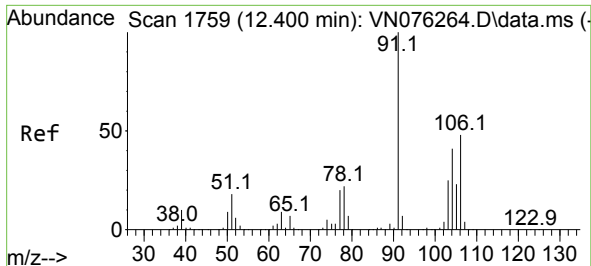
Tgt Ion: 91 Resp: 1079516
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 98.727 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion:106 Resp: 853693
Ion Ratio Lower Upper
106 100
91 196.1 157.5 236.3

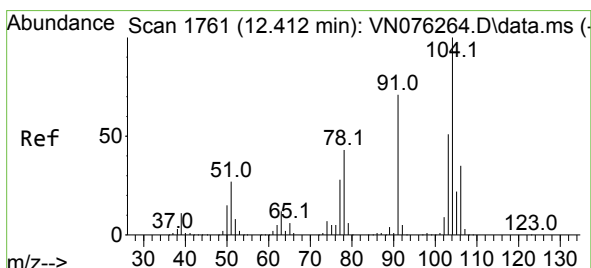
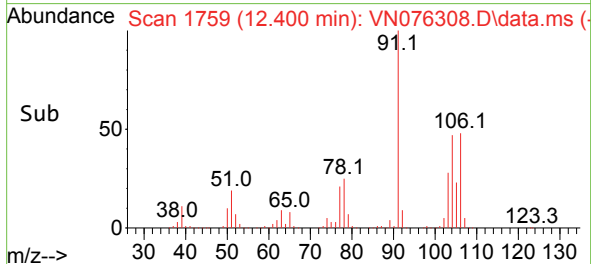
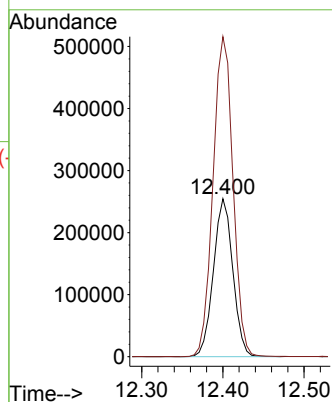
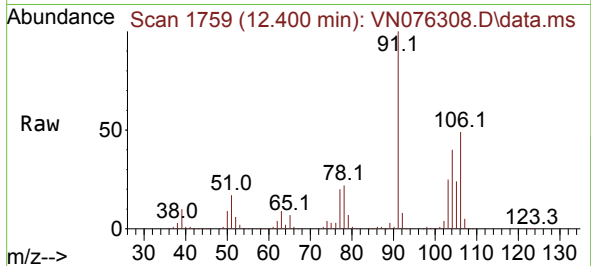




#69
o-Xylene
Concen: 49.791 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

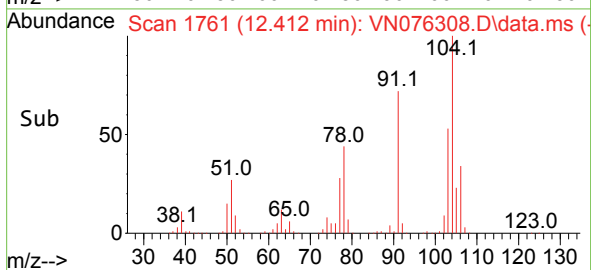
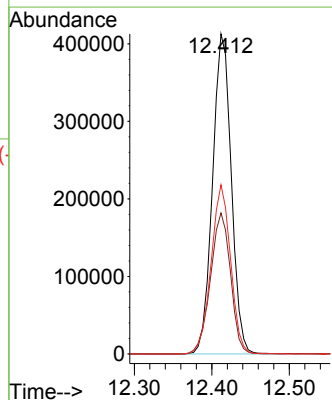
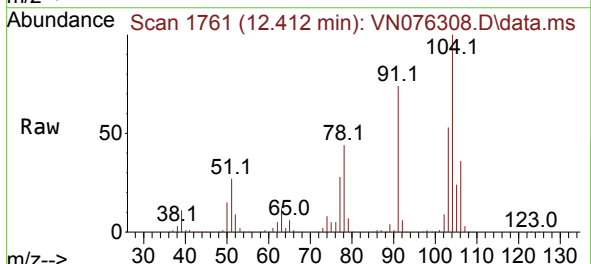
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

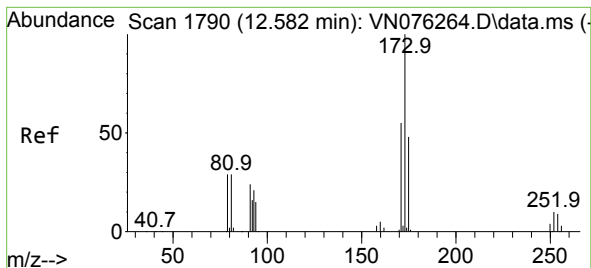
Tgt Ion:106 Resp: 422814
Ion Ratio Lower Upper
106 100
91 208.6 103.2 309.4



#70
Styrene
Concen: 51.125 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion:104 Resp: 693189
Ion Ratio Lower Upper
104 100
78 47.2 37.4 56.0
103 55.0 44.2 66.2





#71

Bromoform

Concen: 49.312 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

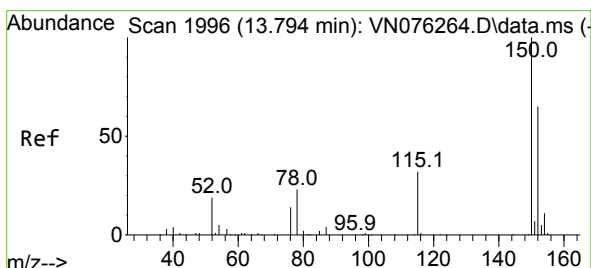
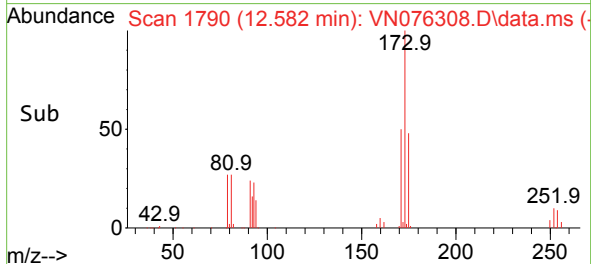
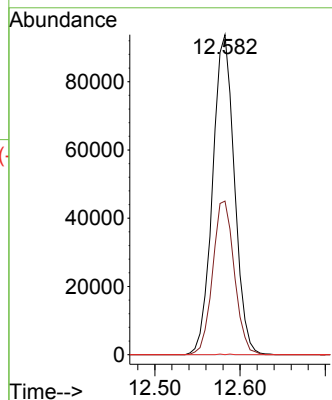
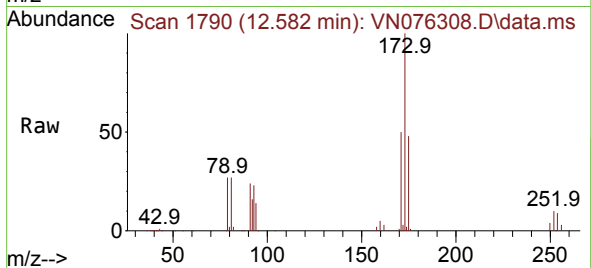
Tgt Ion:173 Resp: 166948

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

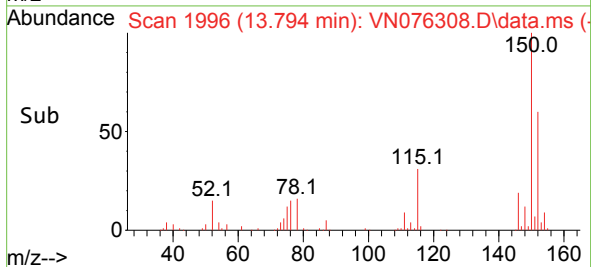
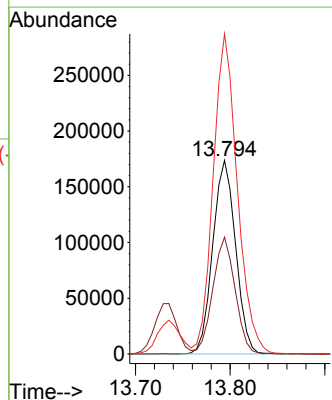
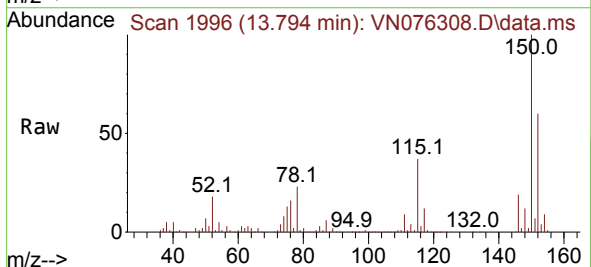
Tgt Ion:152 Resp: 291229

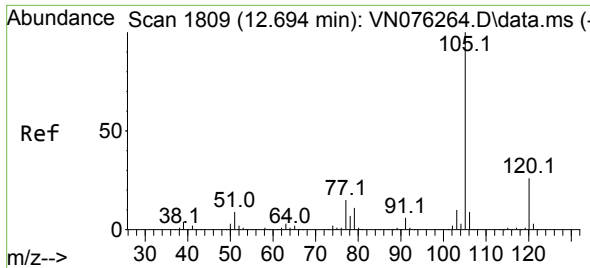
Ion Ratio Lower Upper

152 100

115 59.1 29.6 88.9

150 175.0 0.0 351.4

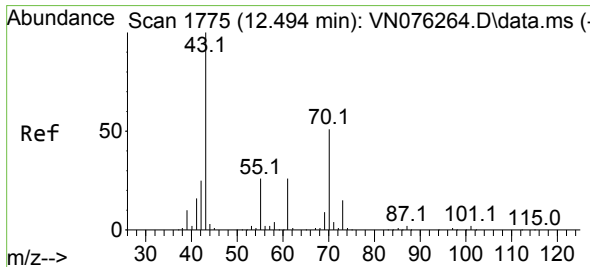
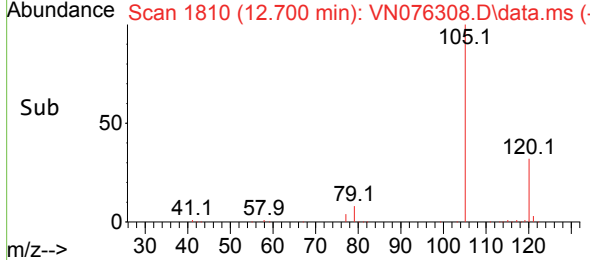
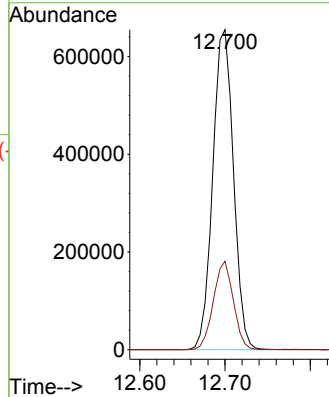
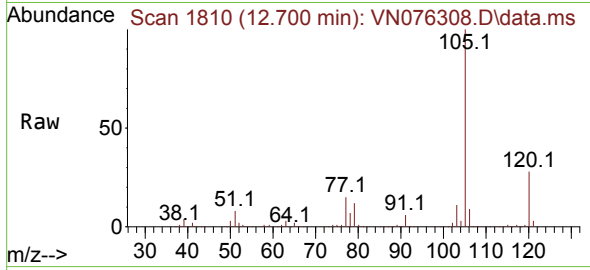




#73
Isopropylbenzene
Concen: 49.079 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

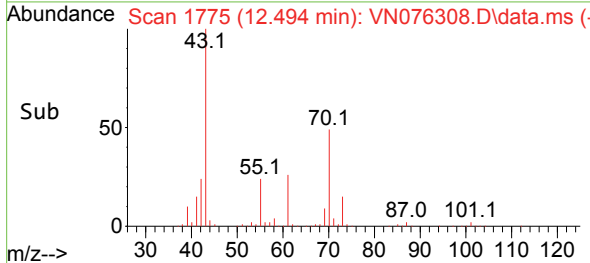
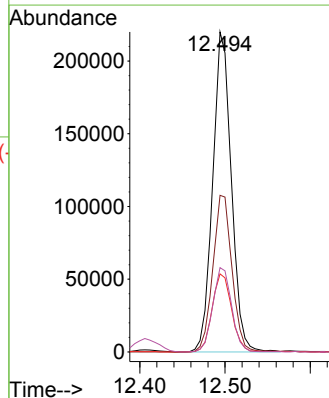
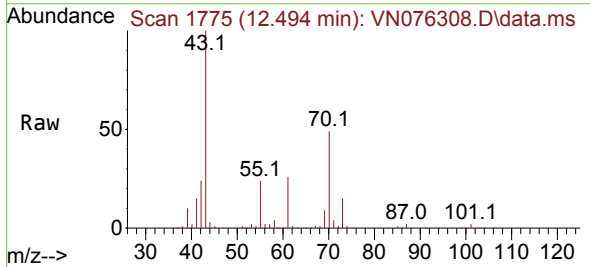
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

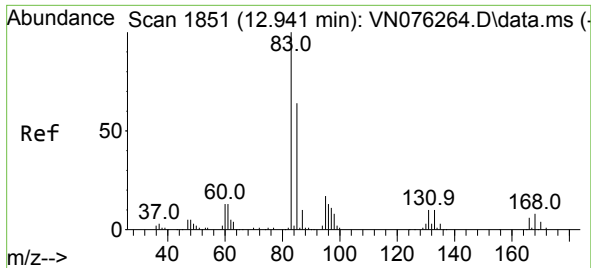
Tgt Ion:105 Resp: 1105728
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 51.700 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 43 Resp: 335046
Ion Ratio Lower Upper
43 100
70 50.5 41.2 61.8
55 25.5 21.0 31.6
61 26.7 21.6 32.4

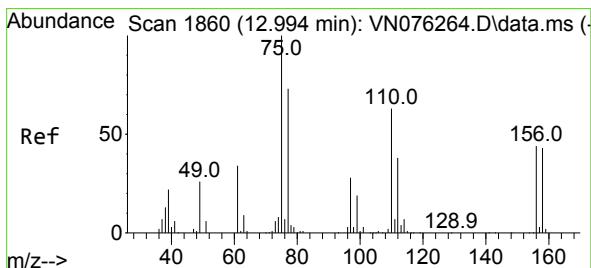
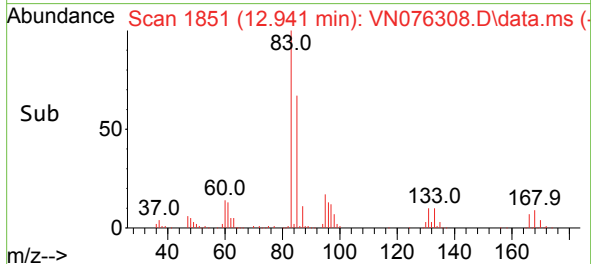
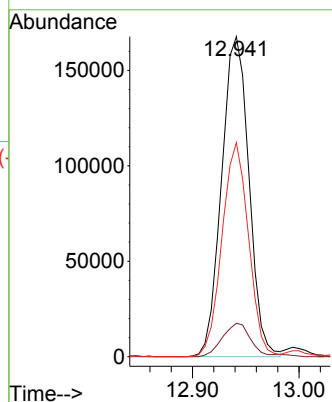
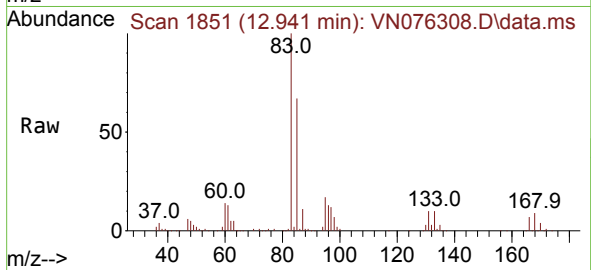




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.192 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

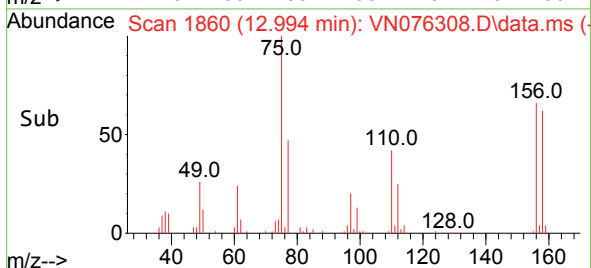
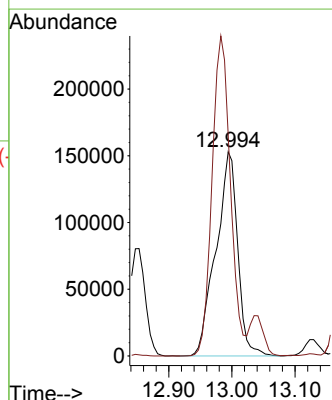
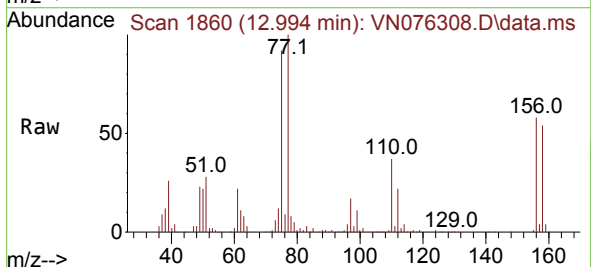
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

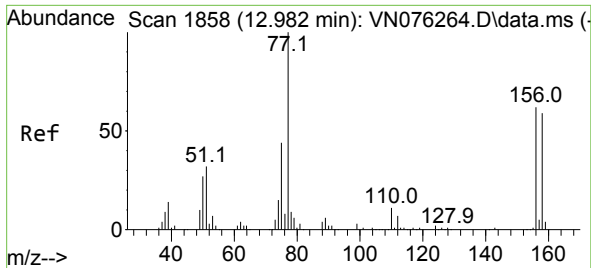
Tgt Ion: 83 Resp: 299167
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.4
 85 64.7 31.7 95.1



#76
 1,2,3-Trichloropropane
 Concen: 69.515 ug/l
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

Tgt Ion: 75 Resp: 366845
 Ion Ratio Lower Upper
 75 100
 77 132.6 75.2 225.6

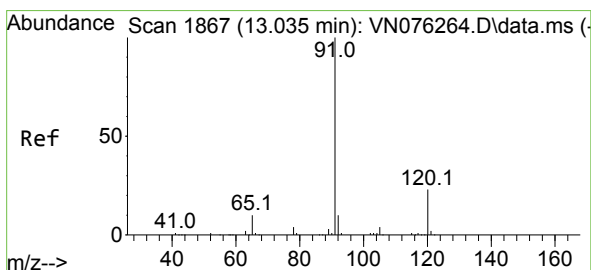
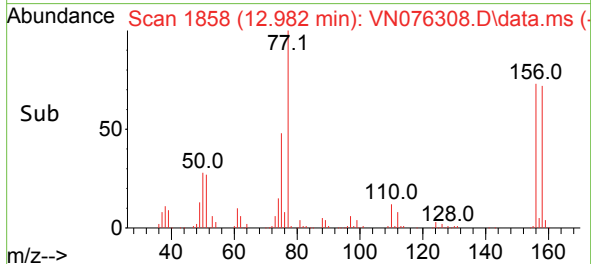
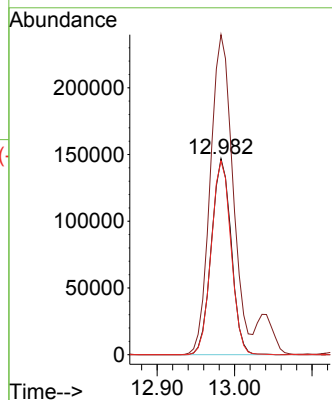
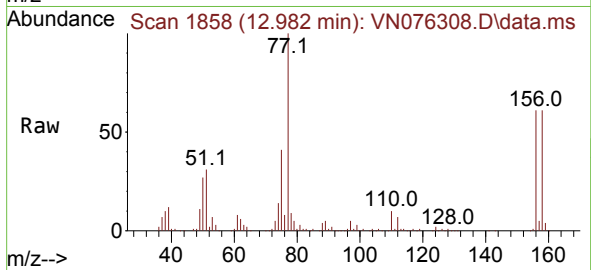




#77
Bromobenzene
Concen: 49.627 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

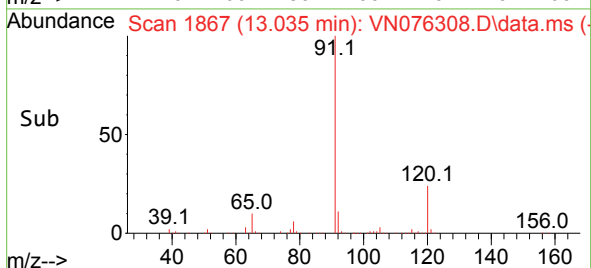
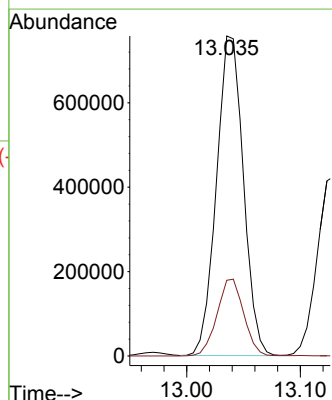
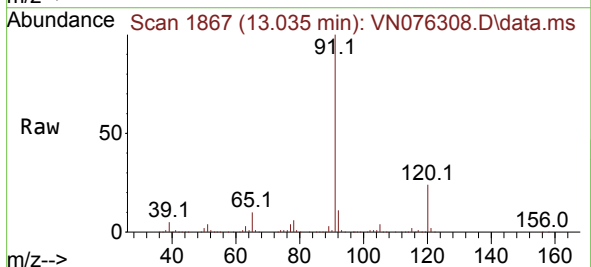
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

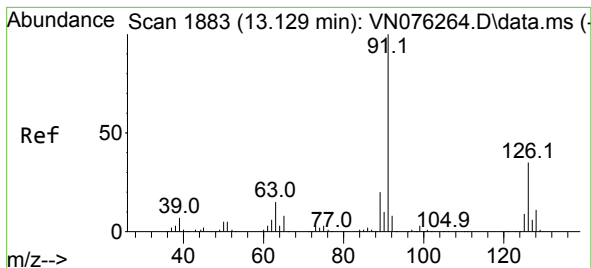
Tgt Ion:156 Resp: 261423
Ion Ratio Lower Upper
156 100
77 186.0 93.4 280.2
158 98.5 48.4 145.2



#78
n-propylbenzene
Concen: 49.067 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 91 Resp: 1247338
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 47.375 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

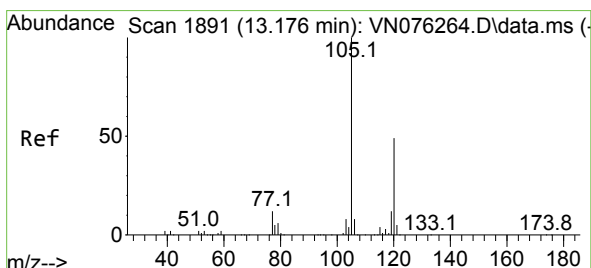
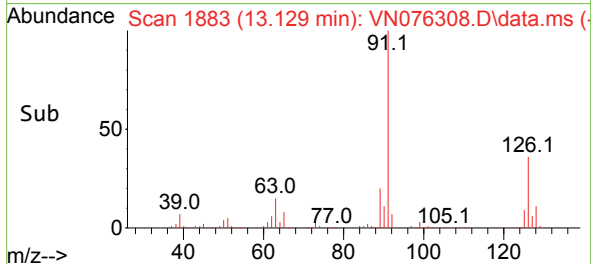
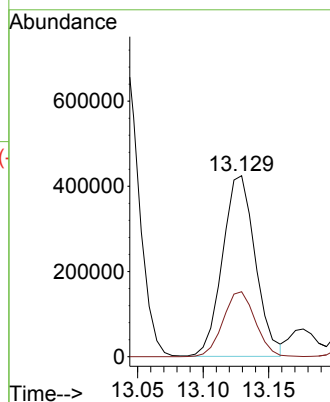
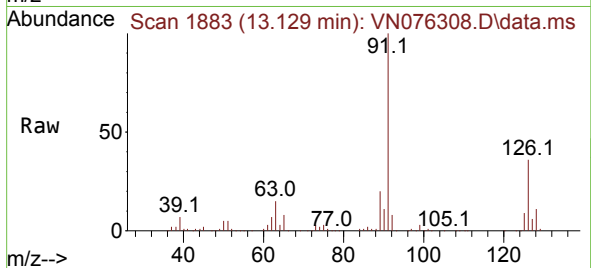
VSTDCCC050EC

Tgt Ion: 91 Resp: 739010

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 49.555 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076308.D

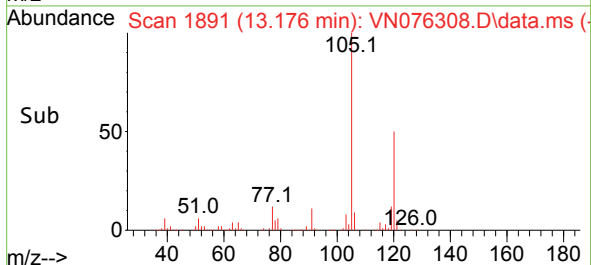
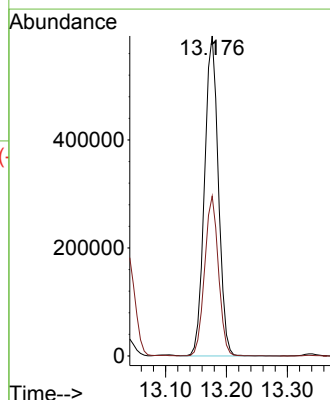
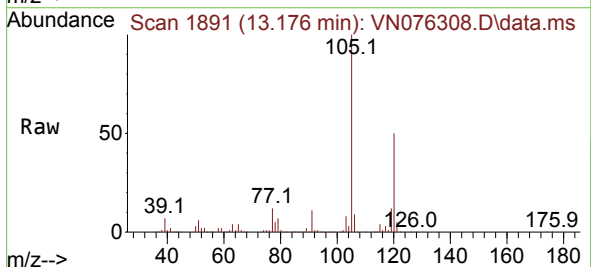
Acq: 18 Jan 2023 20:43

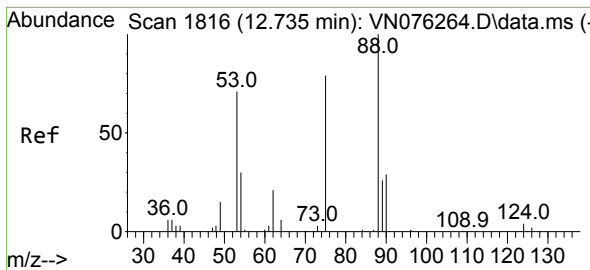
Tgt Ion: 105 Resp: 935312

Ion Ratio Lower Upper

105 100

120 49.9 25.0 75.0

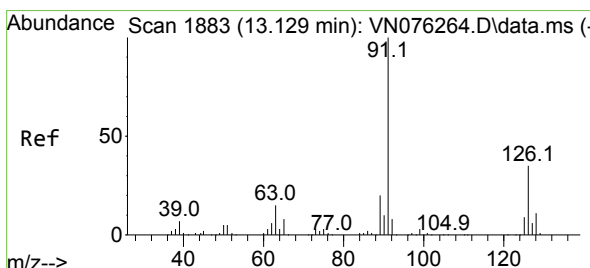
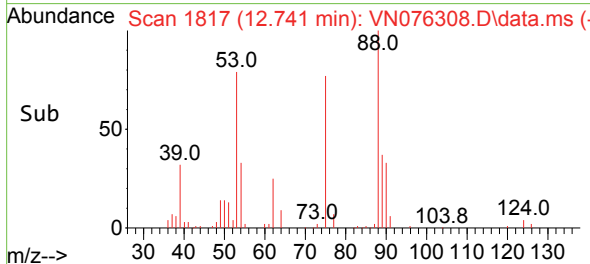
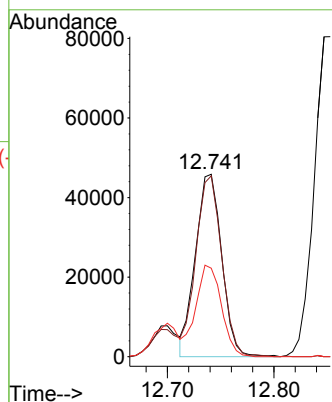
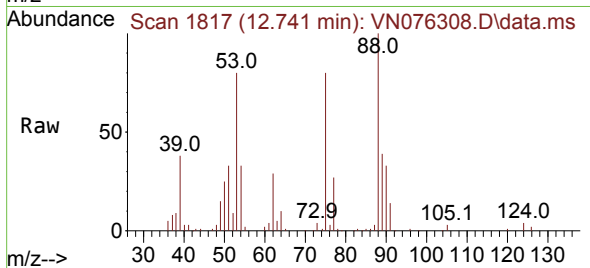




#81
trans-1,4-Dichloro-2-butene
Concen: 45.038 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

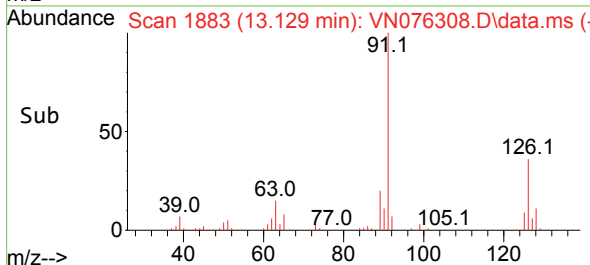
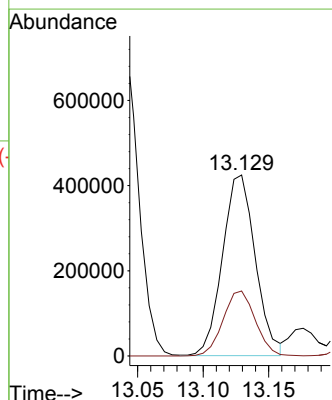
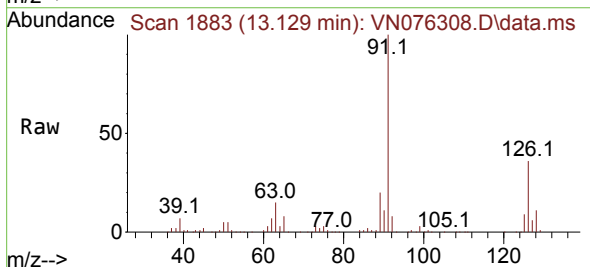
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

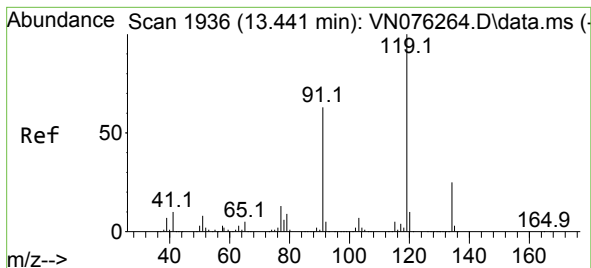
Tgt Ion: 75 Resp: 78832
Ion Ratio Lower Upper
75 100
53 97.5 75.8 113.8
89 49.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 47.375 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 91 Resp: 739010
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.2





#83

tert-Butylbenzene

Concen: 51.035 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

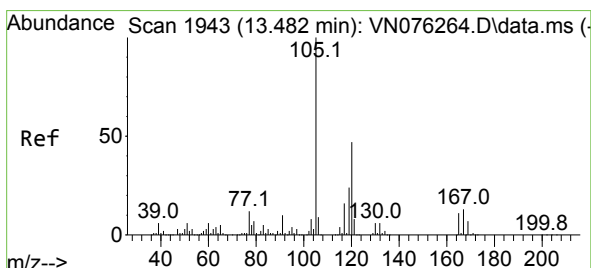
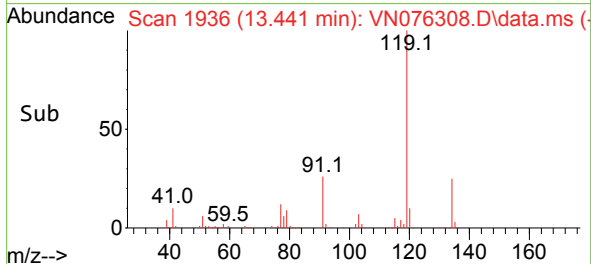
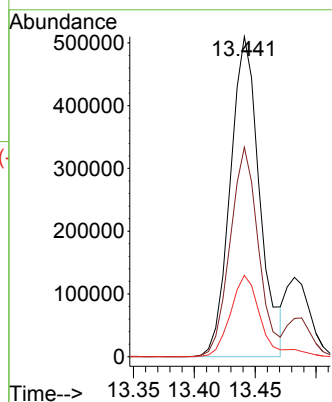
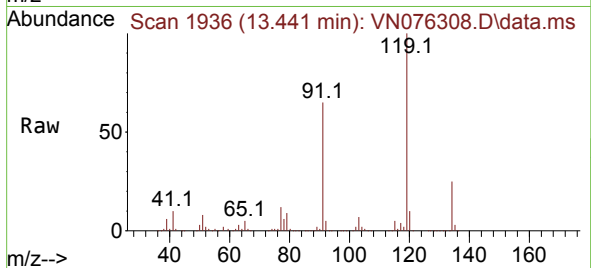
Tgt Ion:119 Resp: 856723

Ion Ratio Lower Upper

119 100

91 63.3 32.2 96.6

134 26.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 49.631 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076308.D

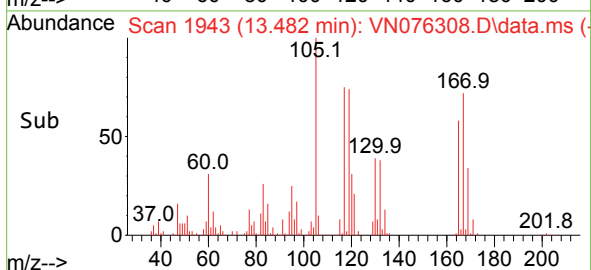
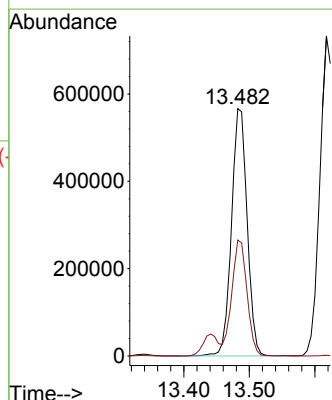
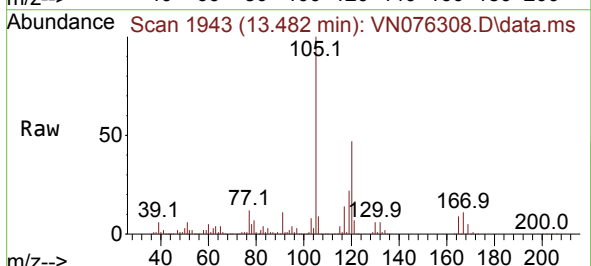
Acq: 18 Jan 2023 20:43

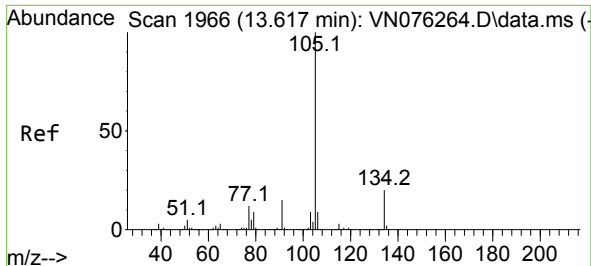
Tgt Ion:105 Resp: 939318

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.5

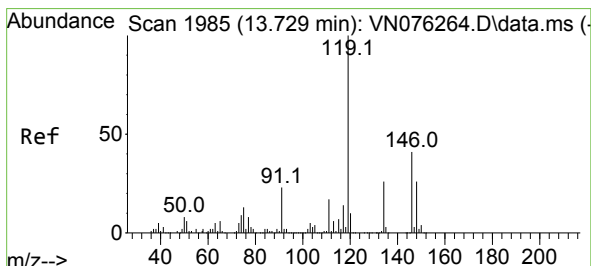
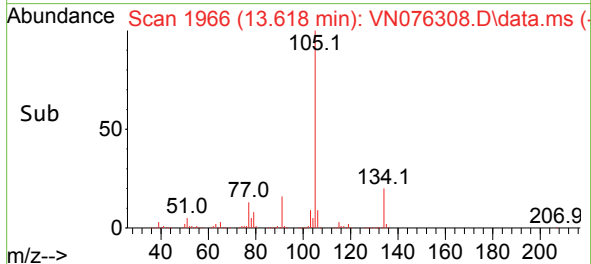
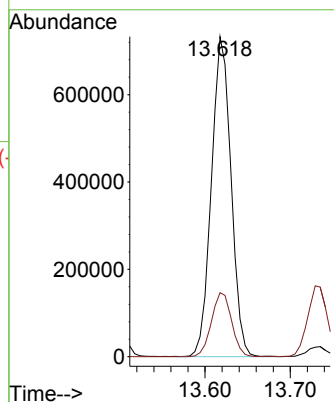
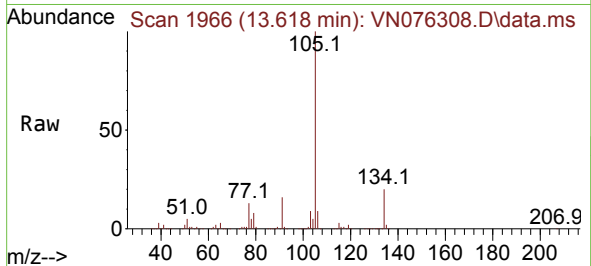




#85
 sec-Butylbenzene
 Concen: 50.274 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

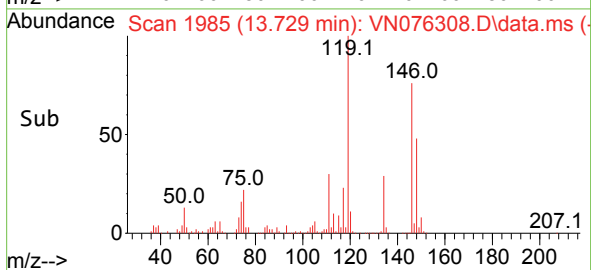
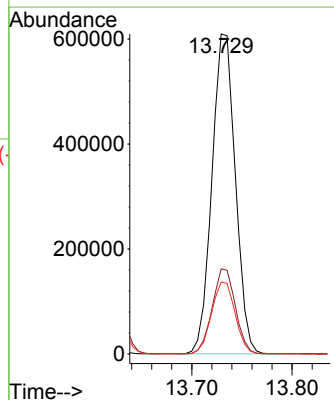
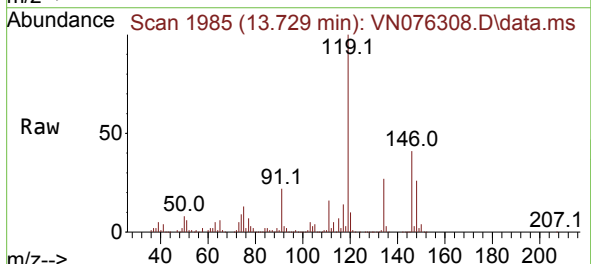
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

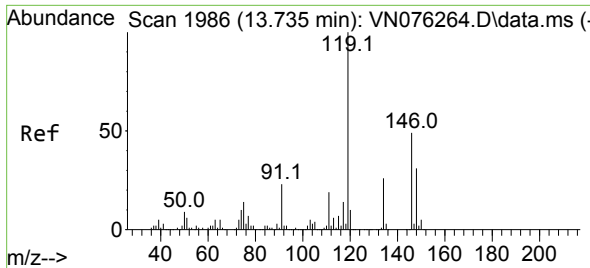
Tgt Ion:105 Resp: 1171070
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 51.599 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

Tgt Ion:119 Resp: 988354
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 22.7 11.8 35.3

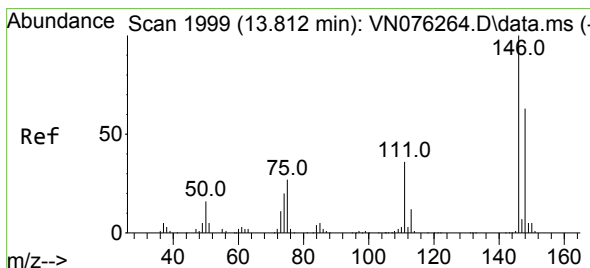
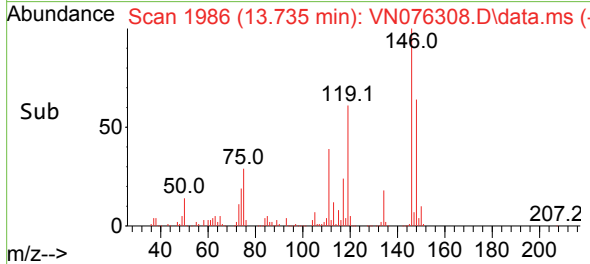
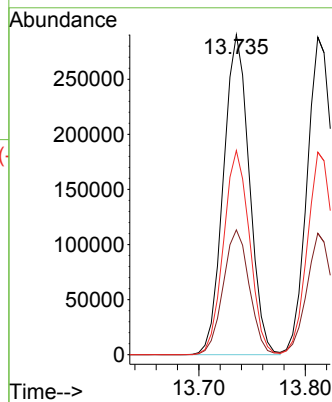
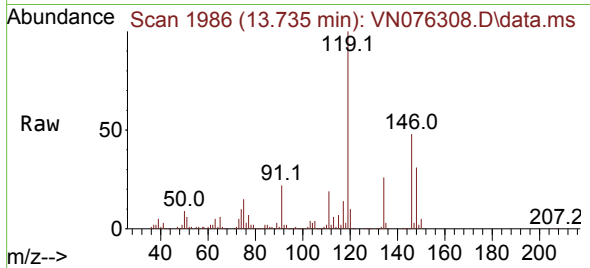




#87
 1,3-Dichlorobenzene
 Concen: 46.158 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

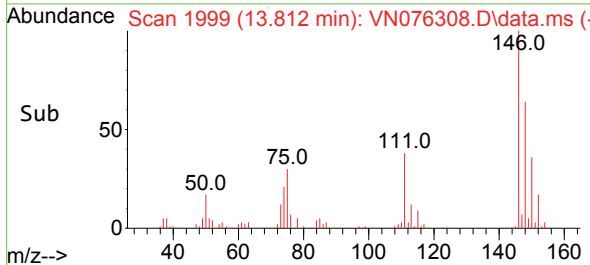
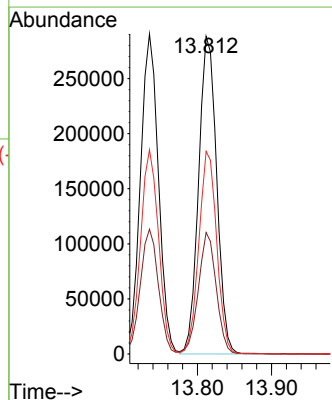
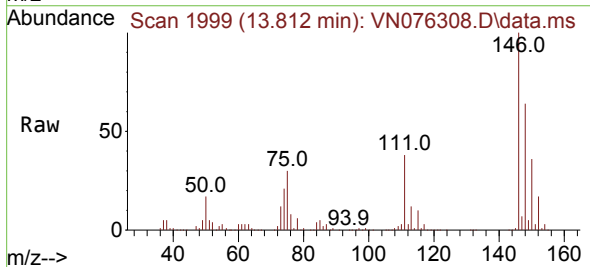
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

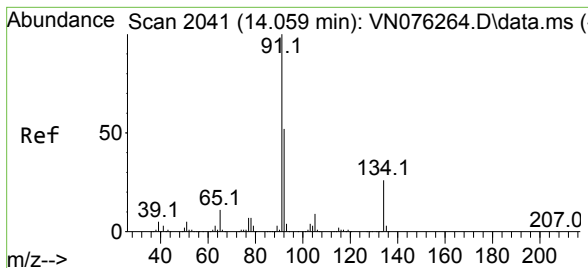
Tgt Ion:146 Resp: 490149
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.9 59.7
 148 64.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 48.364 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076308.D
 Acq: 18 Jan 2023 20:43

Tgt Ion:146 Resp: 488513
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.5
 148 63.2 31.9 95.9

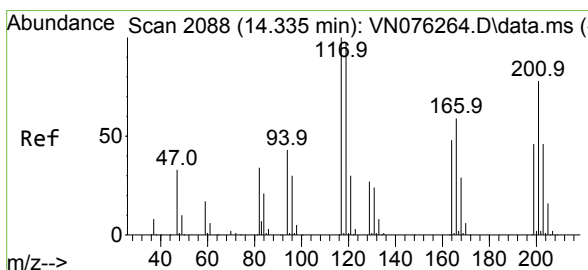
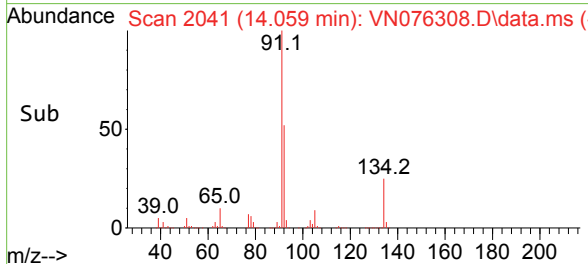
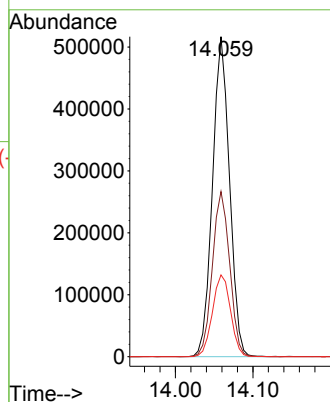
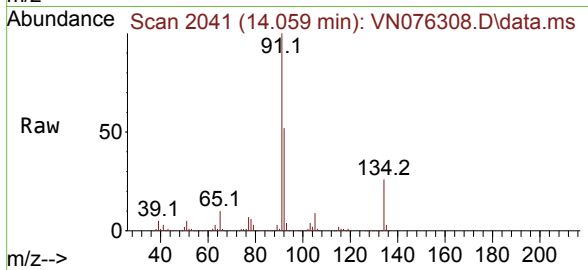




#89
n-Butylbenzene
Concen: 51.793 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

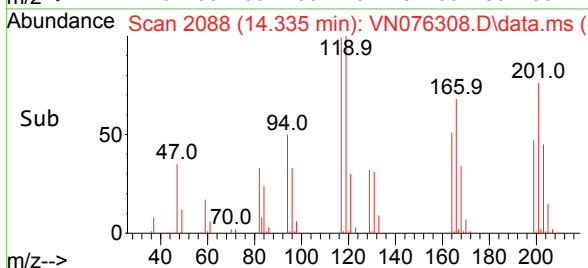
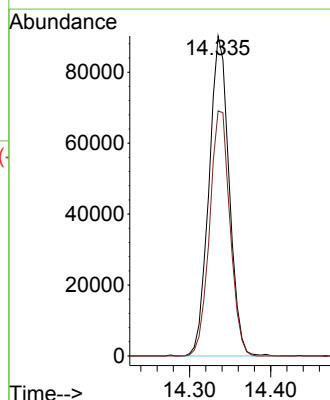
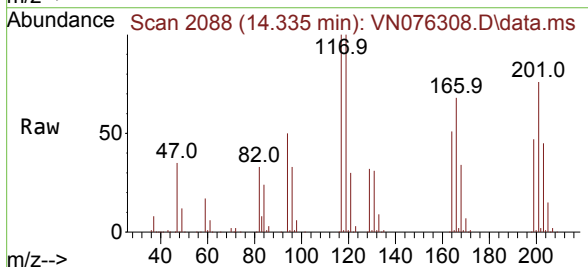
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

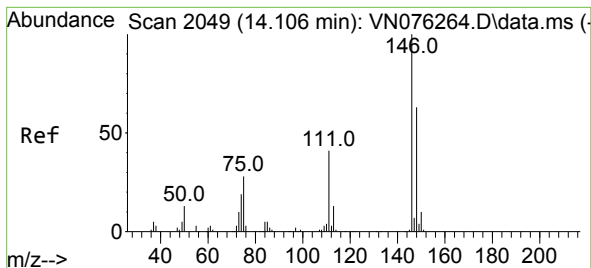
Tgt Ion: 91 Resp: 787540
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 27.2 13.2 39.5



#90
Hexachloroethane
Concen: 46.990 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 117 Resp: 155346
Ion Ratio Lower Upper
117 100
201 77.3 37.3 111.9

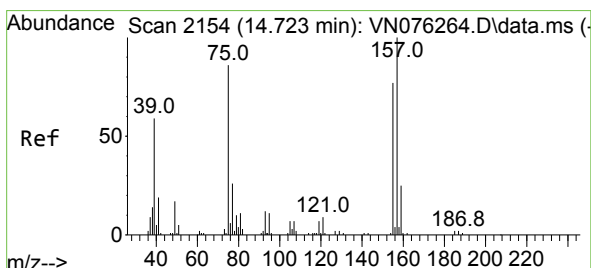
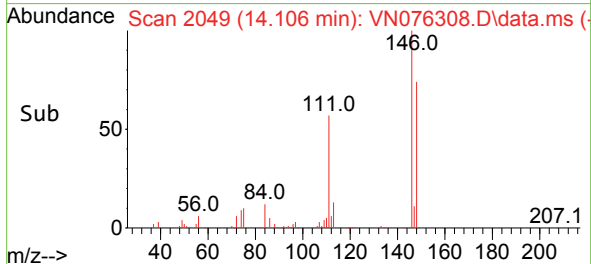
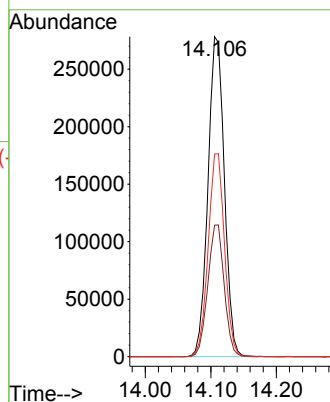
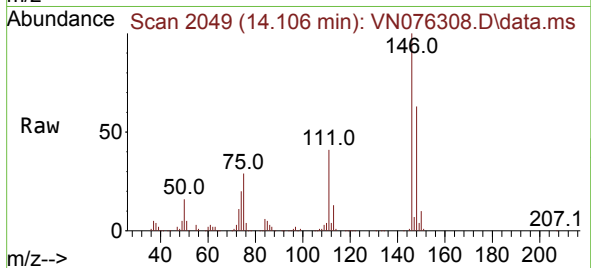




#91
1,2-Dichlorobenzene
Concen: 45.818 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

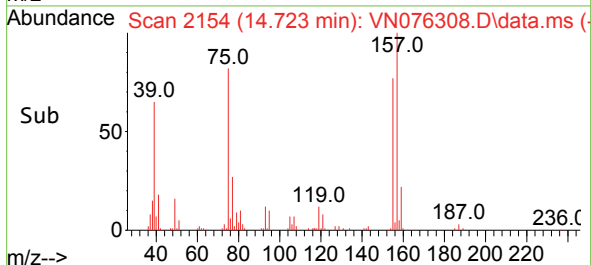
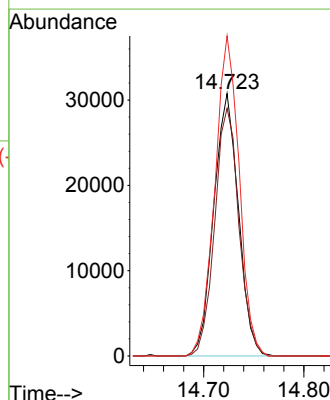
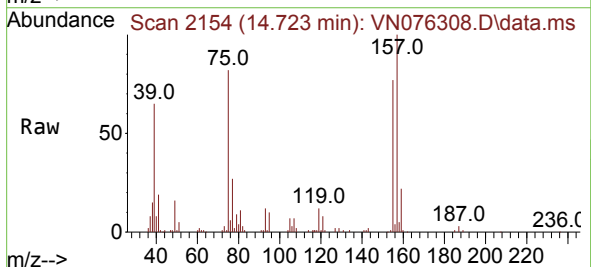
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

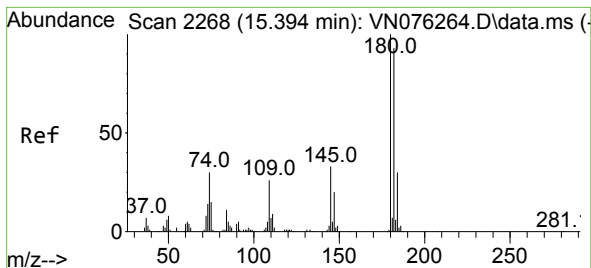
Tgt Ion:146 Resp: 484587
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.8
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.709 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion: 75 Resp: 52586
Ion Ratio Lower Upper
75 100
155 92.5 45.0 135.0
157 120.3 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 47.069 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

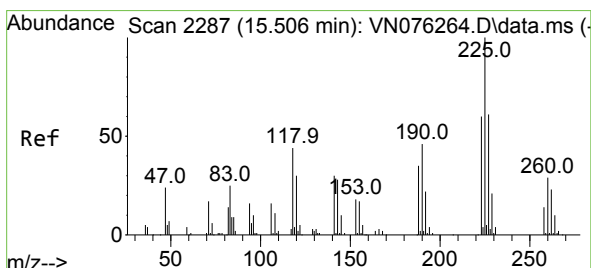
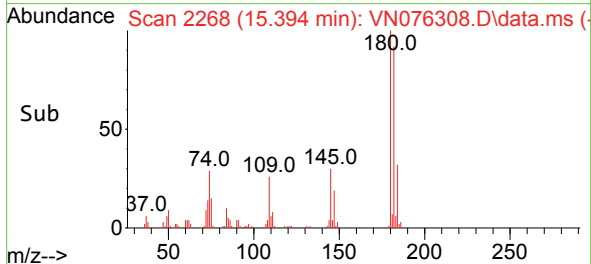
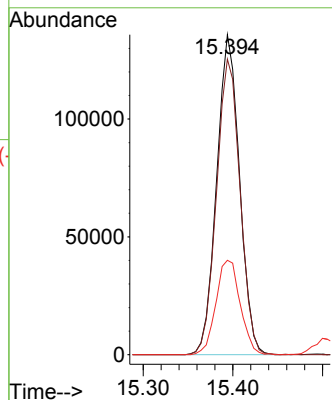
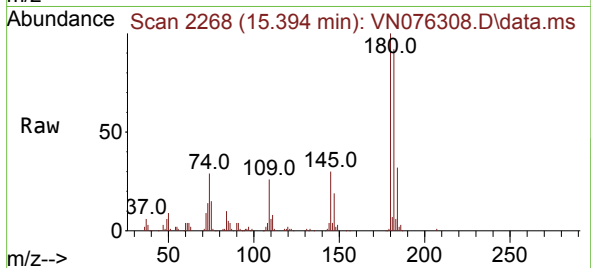
Tgt Ion:180 Resp: 240145

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 31.4 15.2 45.5



#94

Hexachlorobutadiene

Concen: 44.739 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076308.D

Acq: 18 Jan 2023 20:43

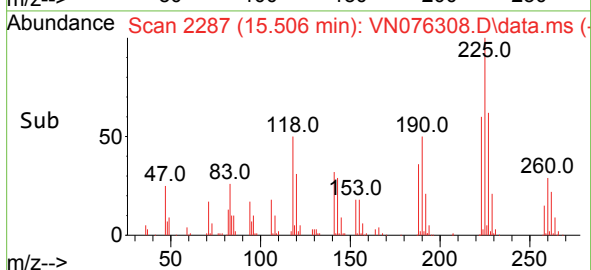
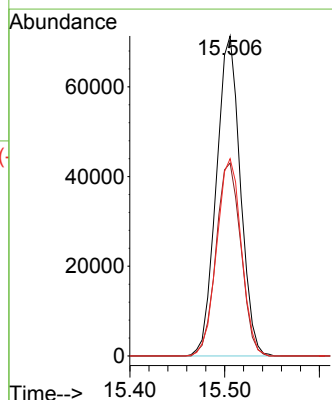
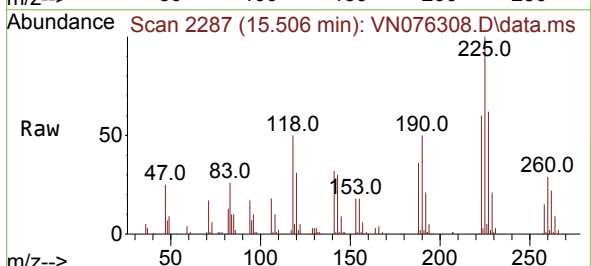
Tgt Ion:225 Resp: 125568

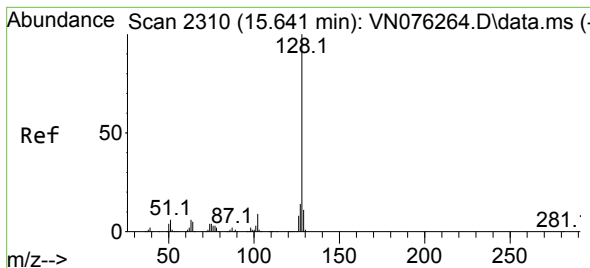
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 63.3 30.9 92.8

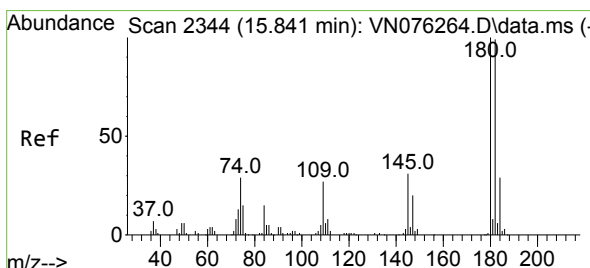
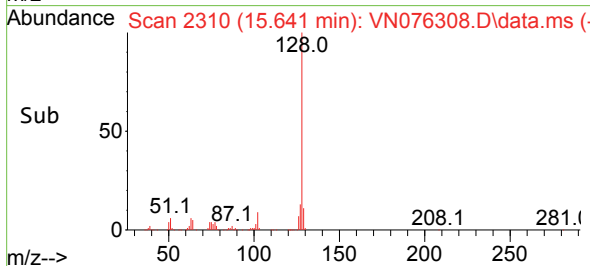
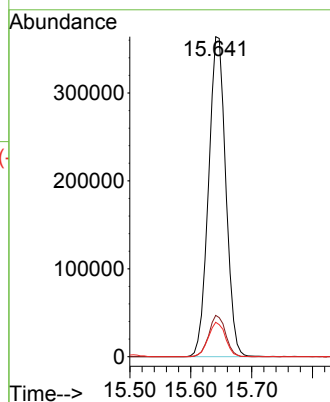
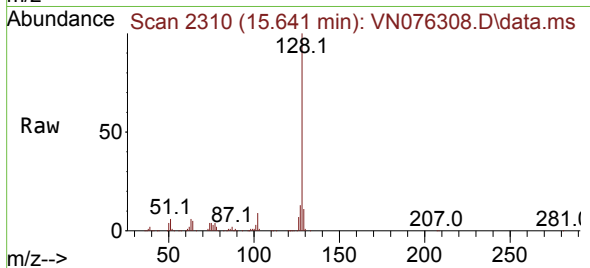




#95
Naphthalene
Concen: 47.368 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 715233
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.146 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076308.D
Acq: 18 Jan 2023 20:43

Tgt Ion:180 Resp: 229334
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 33.1 15.9 47.6

