

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078651.D
 Acq On : 25 Jul 2023 16:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 04:49:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	497395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	810567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	732703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	323661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	322149	48.312	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.620%
35) Dibromofluoromethane	8.177	113	303432	55.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.300%
50) Toluene-d8	10.571	98	1075522	51.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.853	95	363865	56.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	365529	59.939	ug/l	91
3) Chloromethane	2.371	50	369229	55.705	ug/l	99
4) Vinyl Chloride	2.518	62	471258	54.961	ug/l	99
5) Bromomethane	2.948	94	306083	57.148	ug/l	99
6) Chloroethane	3.118	64	310449	60.247	ug/l	95
7) Trichlorofluoromethane	3.501	101	526269	51.345	ug/l	99
8) Diethyl Ether	3.971	74	179791	52.648	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	281237	51.833	ug/l	94
10) Methyl Iodide	4.600	142	412975	55.389	ug/l	99
11) Tert butyl alcohol	5.536	59	248683	241.853	ug/l	100
12) 1,1-Dichloroethene	4.348	96	277707	52.913	ug/l	92
13) Acrolein	4.189	56	237610	234.873	ug/l	96
14) Allyl chloride	5.030	41	378090	52.720	ug/l	97
15) Acrylonitrile	5.730	53	650354	250.331	ug/l	99
16) Acetone	4.442	43	489459	235.643	ug/l	95
17) Carbon Disulfide	4.718	76	752752	49.600	ug/l	100
18) Methyl Acetate	5.036	43	427909	48.666	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	893227	51.654	ug/l	99
20) Methylene Chloride	5.283	84	320531	53.894	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	308437	52.151	ug/l	94
22) Diisopropyl ether	6.683	45	851068	52.998	ug/l	96
23) Vinyl Acetate	6.612	43	2685474	263.052	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	544165	50.289	ug/l	98
25) 2-Butanone	7.494	43	814981	249.255	ug/l	90
26) 2,2-Dichloropropane	7.500	77	463176	52.335	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	361884	52.893	ug/l	95
28) Bromochloromethane	7.824	49	245676	48.204	ug/l	95
29) Tetrahydrofuran	7.847	42	541977	252.617	ug/l	86
30) Chloroform	7.971	83	586644	52.075	ug/l	96
31) Cyclohexane	8.265	56	441950	49.042	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	526853	52.163	ug/l	96
36) 1,1-Dichloropropene	8.377	75	440065	55.389	ug/l	98
37) Ethyl Acetate	7.565	43	352690	53.252	ug/l	95
38) Carbon Tetrachloride	8.371	117	483911	56.041	ug/l	98
39) Methylcyclohexane	9.606	83	411316	56.717	ug/l	94
40) Benzene	8.612	78	1319401	56.055	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	192165	56.915	ug/l	92
42) 1,2-Dichloroethane	8.677	62	431567	53.905	ug/l	100
43) Isopropyl Acetate	8.700	43	667174	61.186	ug/l #	91
44) Trichloroethene	9.359	130	351650	55.432	ug/l	99
45) 1,2-Dichloropropane	9.630	63	328761	55.148	ug/l	99
46) Dibromomethane	9.718	93	237362	56.571	ug/l	92
47) Bromodichloromethane	9.894	83	469671	55.841	ug/l	96
48) Methyl methacrylate	9.688	41	278383	55.107	ug/l	93
49) 1,4-Dioxane	9.700	88	118559	1076.162	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1797662	277.168	ug/l	95
52) Toluene	10.635	92	831075	56.970	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	490518	56.927	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	532480	57.974	ug/l	98
55) 1,1,2-Trichloroethane	11.024	97	325465	56.626	ug/l	96
56) Ethyl methacrylate	10.882	69	466525	58.065	ug/l	92
57) 1,3-Dichloropropane	11.171	76	537619	55.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	772226	269.700	ug/l	94
59) 2-Hexanone	11.200	43	1274131	276.411	ug/l	94
60) Dibromochloromethane	11.365	129	371307	58.517	ug/l	100
61) 1,2-Dibromoethane	11.476	107	339636	57.363	ug/l	97
64) Tetrachloroethene	11.112	164	291018	52.829	ug/l	97
65) Chlorobenzene	11.900	112	884883	54.030	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	347302	55.123	ug/l	96
67) Ethyl Benzene	11.971	91	1585457	57.271	ug/l	99
68) m/p-Xylenes	12.076	106	1220974	119.289	ug/l	99
69) o-Xylene	12.406	106	585698	56.653	ug/l	95
70) Styrene	12.418	104	964782	59.650	ug/l	97
71) Bromoform	12.582	173	251159	58.860	ug/l #	99
73) Isopropylbenzene	12.700	105	1471230	48.376	ug/l	99
74) N-amyl acetate	12.500	43	495643	47.291	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	453482	53.610	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	537881	68.754	ug/l	72
77) Bromobenzene	12.988	156	359057	54.427	ug/l	92
78) n-propylbenzene	13.041	91	1652194	50.798	ug/l	100
79) 2-Chlorotoluene	13.129	91	1029795	48.338	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1212195	50.446	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	138545	46.537	ug/l	88
82) 4-Chlorotoluene	13.229	91	994513	50.041	ug/l	97
83) tert-Butylbenzene	13.447	119	997984	48.917	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1191042	51.028	ug/l	98
85) sec-Butylbenzene	13.623	105	1278042	49.561	ug/l	99
86) p-Isopropyltoluene	13.735	119	1073264	51.833	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	602677	51.620	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	592846	50.413	ug/l	98
89) n-Butylbenzene	14.065	91	793203	53.539	ug/l	98
90) Hexachloroethane	14.341	117	199467	52.451	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	586893	50.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	72255	49.613	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	186688	50.344	ug/l	96
94) Hexachlorobutadiene	15.506	225	114192	60.387	ug/l	95
95) Naphthalene	15.647	128	564554	44.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	206104	48.337	ug/l	97

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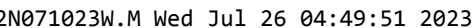
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

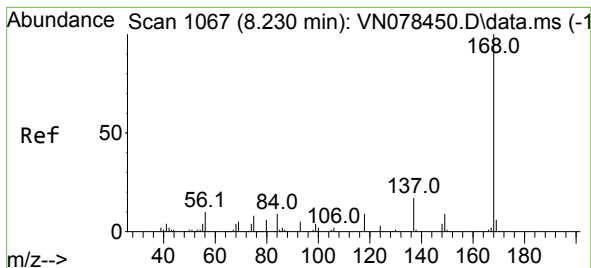
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN078651.D

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ClientSampleId :

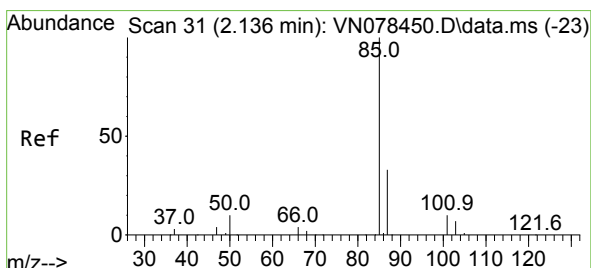
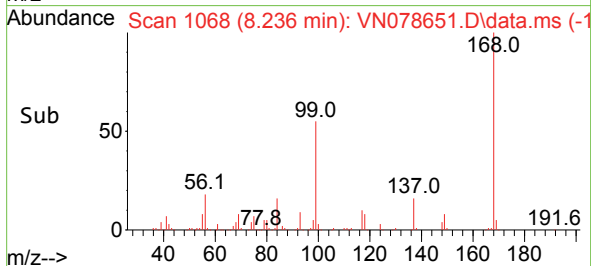
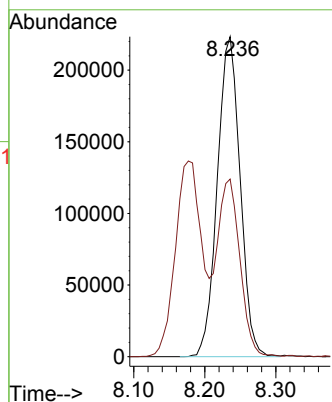
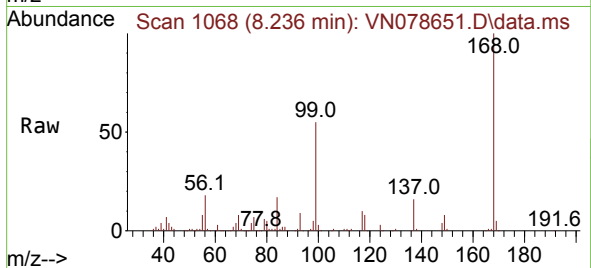
VSTDCCC050EC

Tgt Ion:168 Resp: 497395

Ion Ratio Lower Upper

168 100

99 55.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 59.939 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078651.D

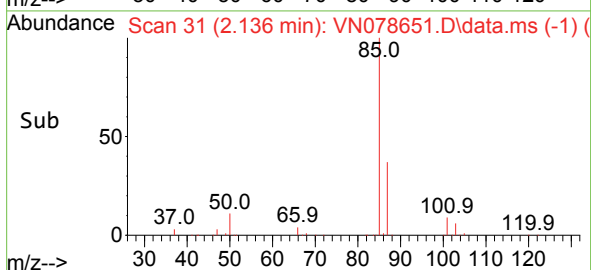
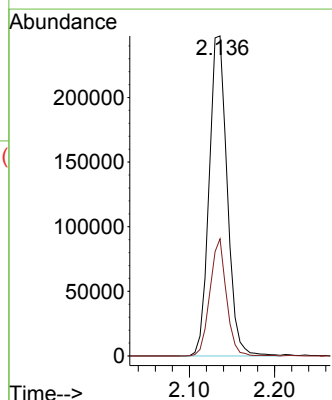
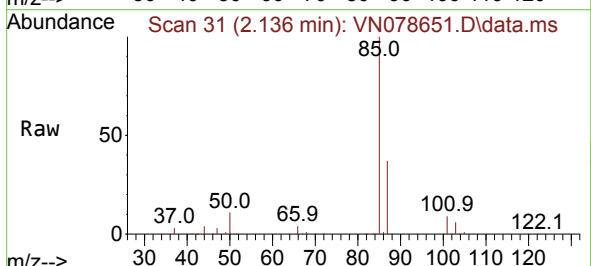
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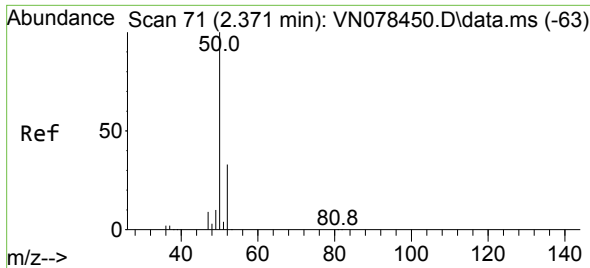
Tgt Ion: 85 Resp: 365529

Ion Ratio Lower Upper

85 100

87 36.6 15.8 47.4

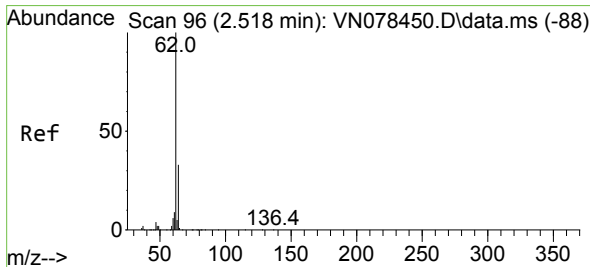
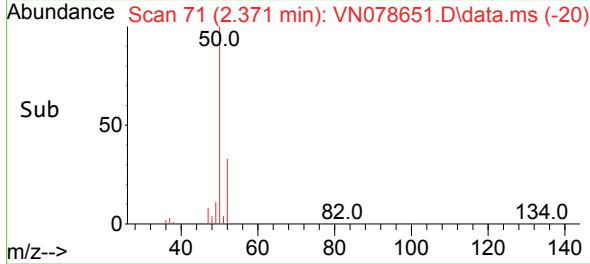
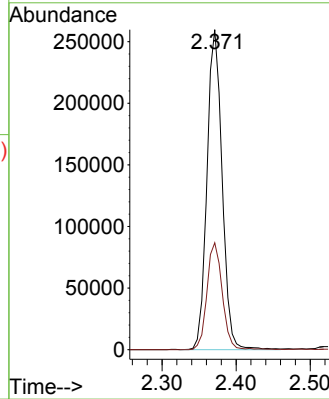
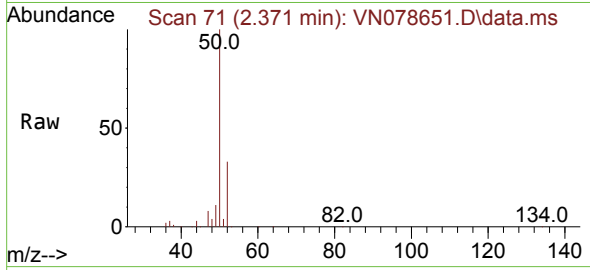




#3
Chloromethane
Concen: 55.705 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078651.D
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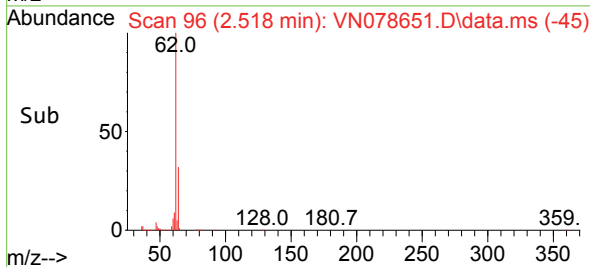
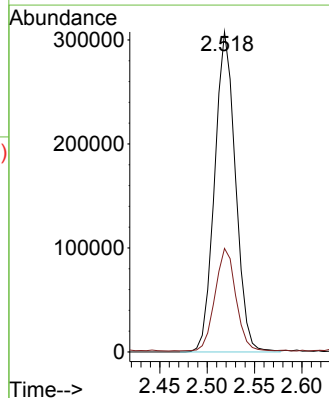
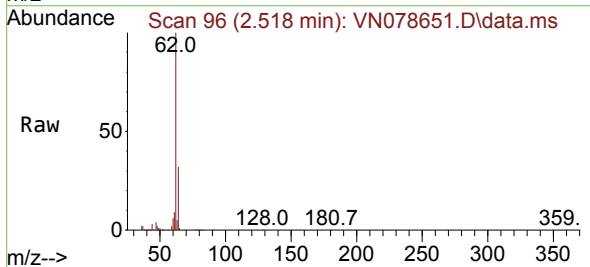
Instrument :
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VSTDCCC050EC

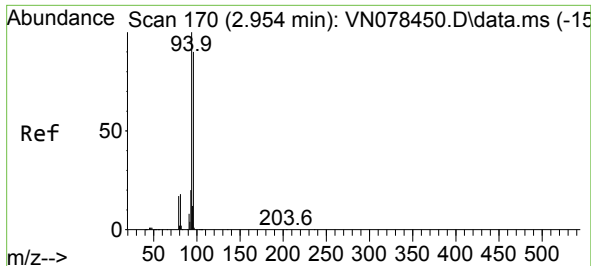
Tgt Ion: 50 Resp: 369229
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 54.961 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 62 Resp: 471258
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2

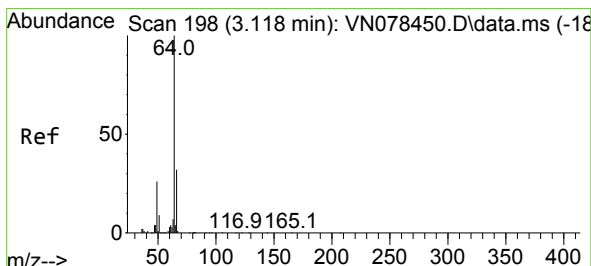
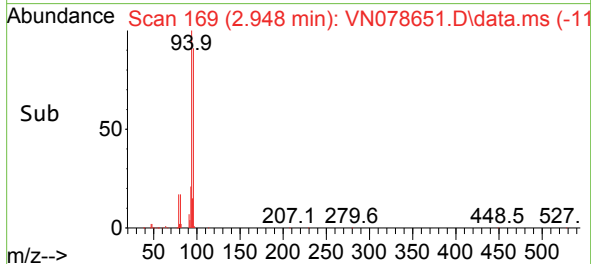
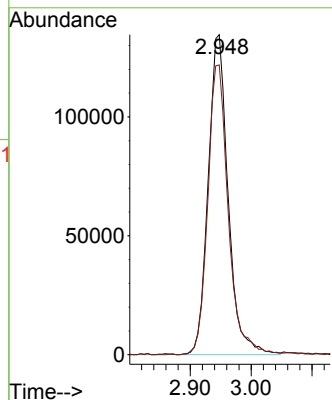
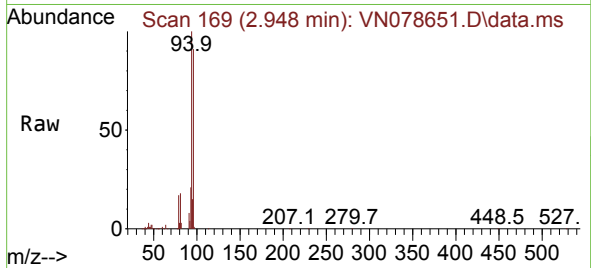




#5
Bromomethane
Concen: 57.148 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078651.D
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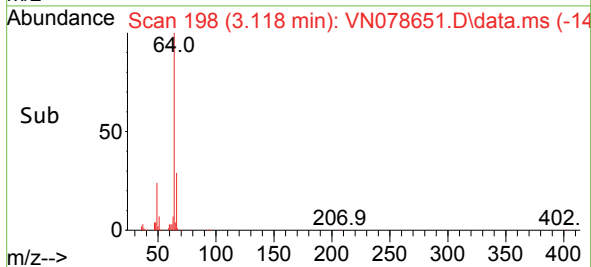
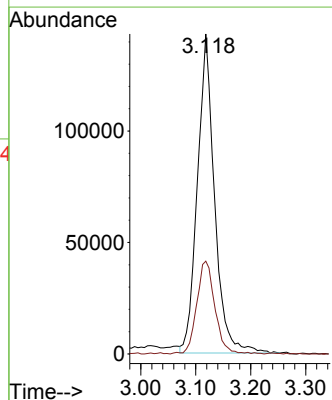
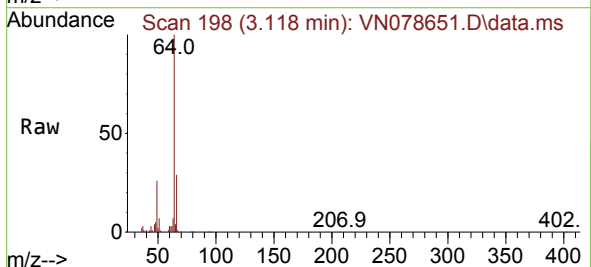
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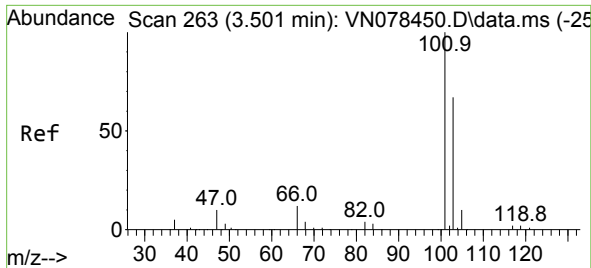
Tgt Ion: 94 Resp: 306083
Ion Ratio Lower Upper
94 100
96 90.5 73.1 109.7



#6
Chloroethane
Concen: 60.247 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 64 Resp: 310449
Ion Ratio Lower Upper
64 100
66 28.9 25.4 38.2

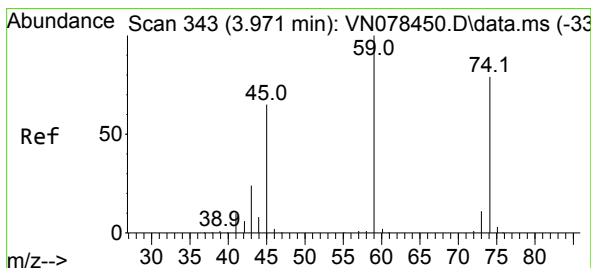
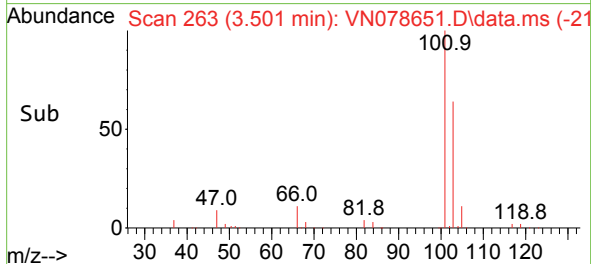
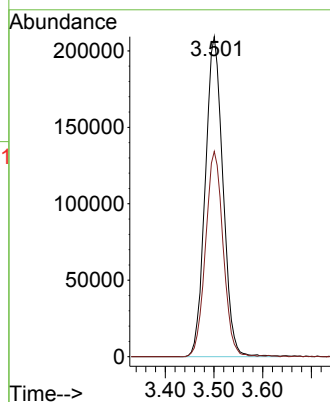
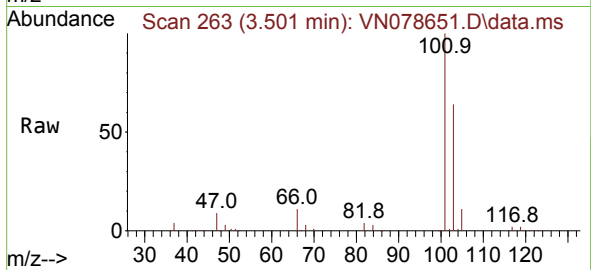




#7
 Trichlorofluoromethane
 Concen: 51.345 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078651.D
 Acq: 25 Jul 2023 16:58

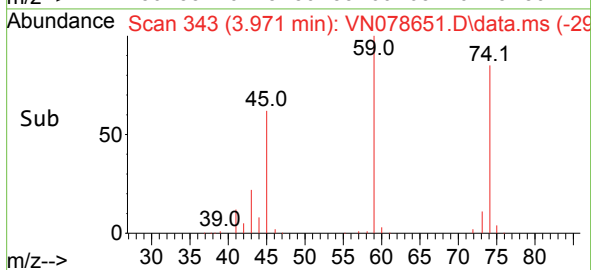
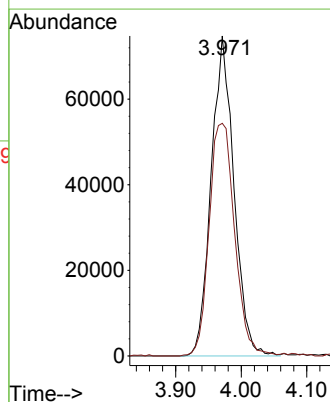
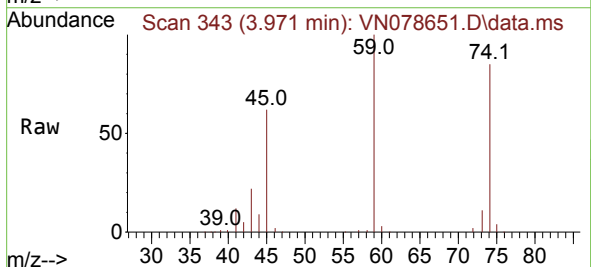
Instrument :
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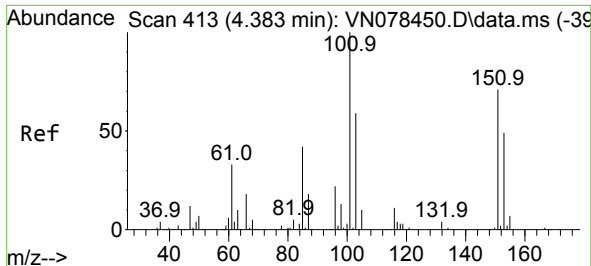
Tgt Ion:101 Resp: 526269
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 52.648 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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 Acq: 25 Jul 2023 16:58

Tgt Ion: 74 Resp: 179791
 Ion Ratio Lower Upper
 74 100
 45 81.7 34.4 103.3

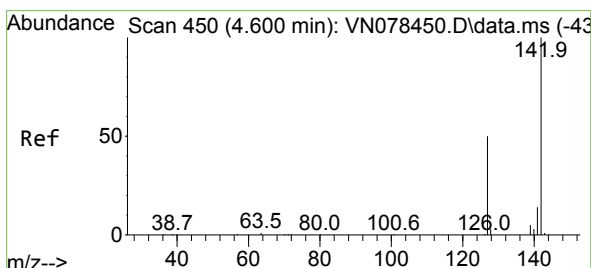
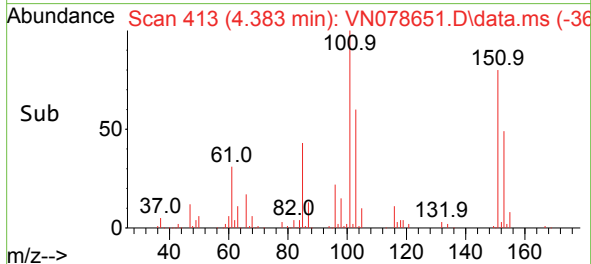
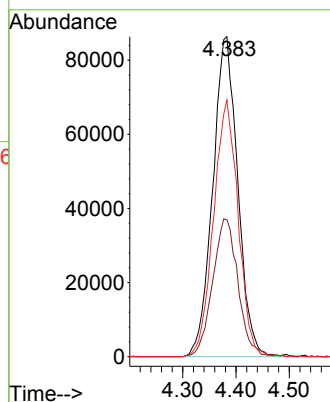
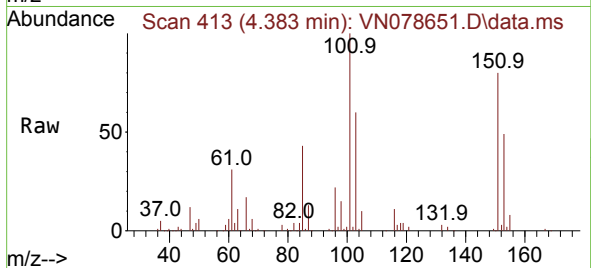




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.833 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

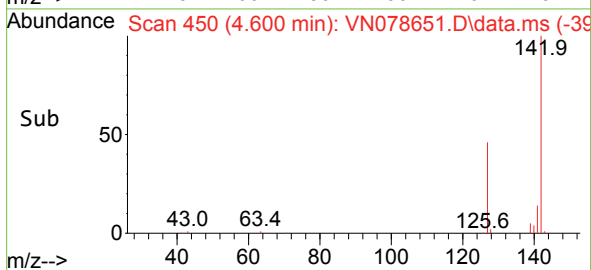
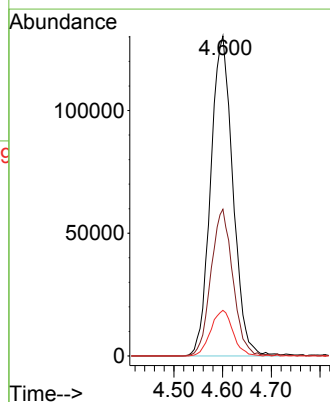
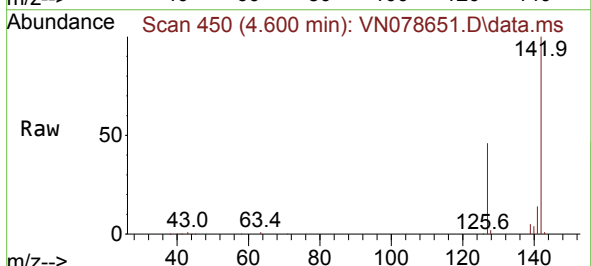
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

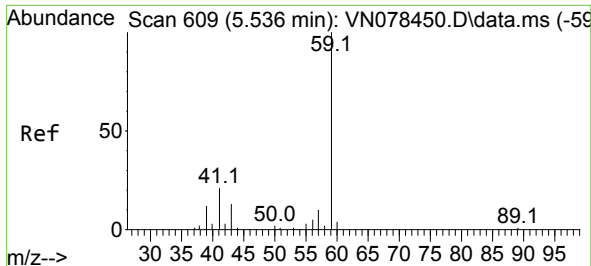
Tgt Ion:101 Resp: 281237
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 78.7 57.6 86.4



#10
Methyl Iodide
Concen: 55.389 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion:142 Resp: 412975
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.2 11.4 17.0

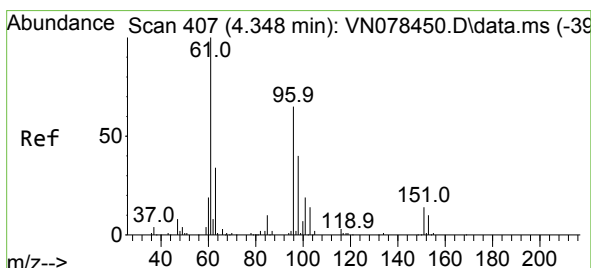
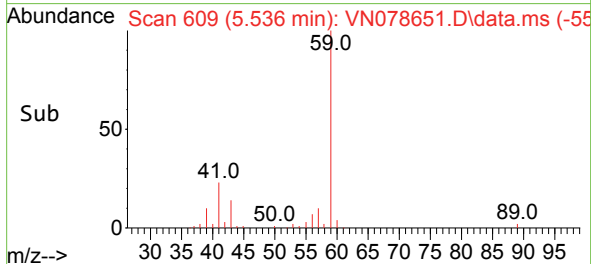
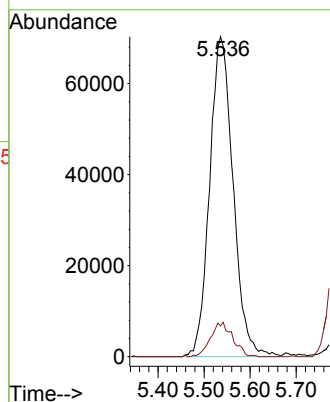
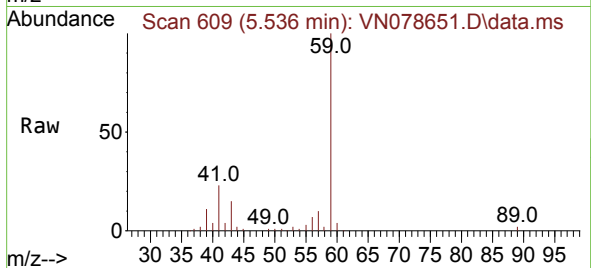




#11
Tert butyl alcohol
Concen: 241.853 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

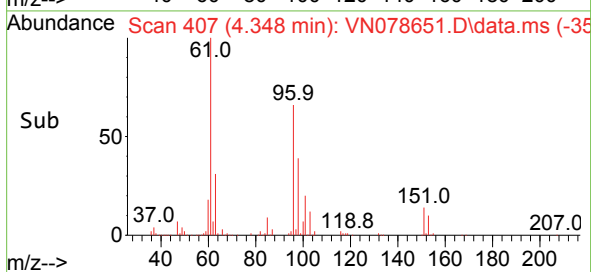
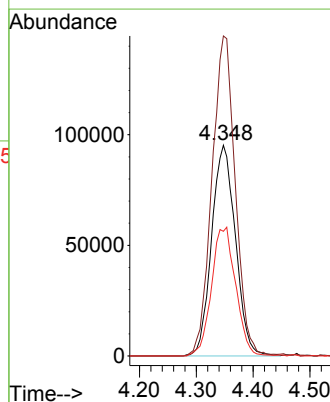
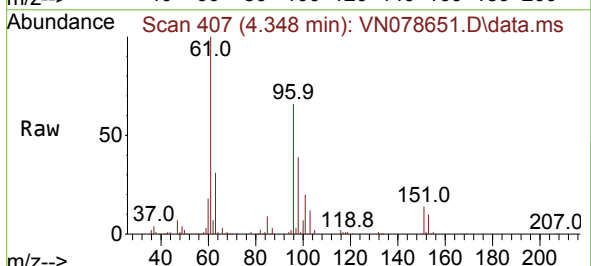
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

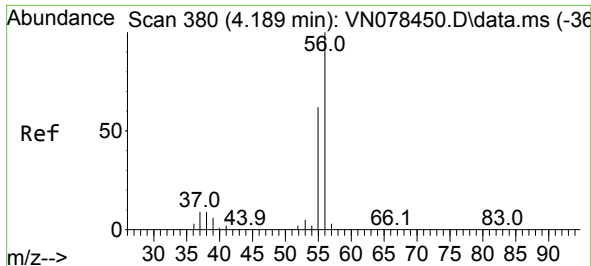
Tgt Ion: 59 Resp: 248683
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.913 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 96 Resp: 277707
Ion Ratio Lower Upper
96 100
61 151.9 112.7 169.1
98 59.2 51.2 76.8

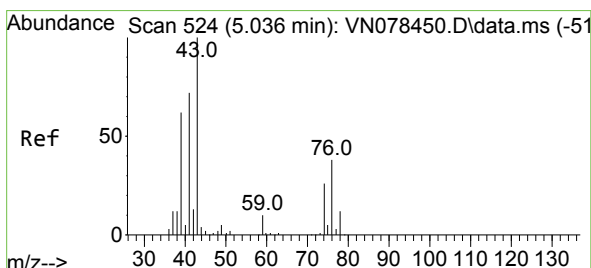
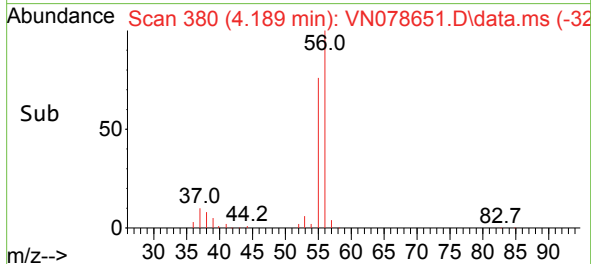
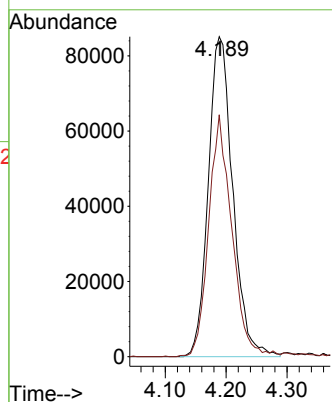
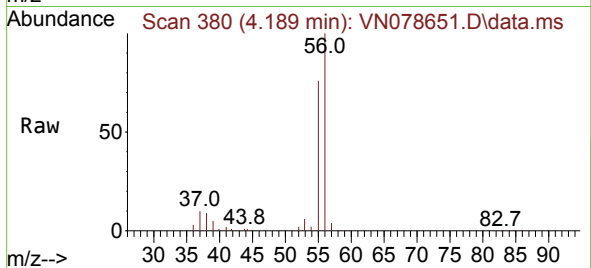




#13
Acrolein
Concen: 234.873 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

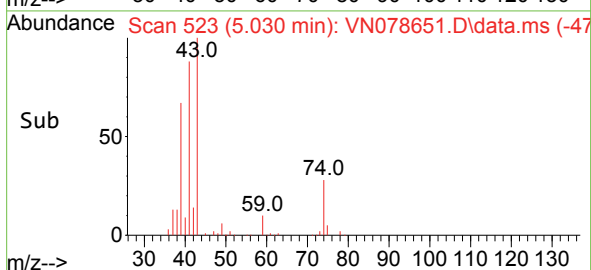
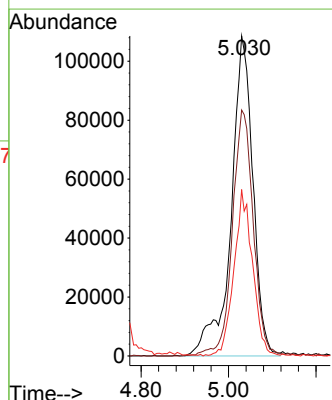
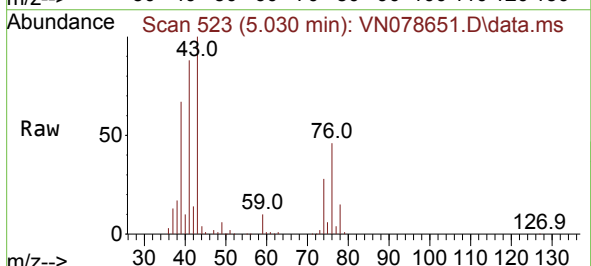
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

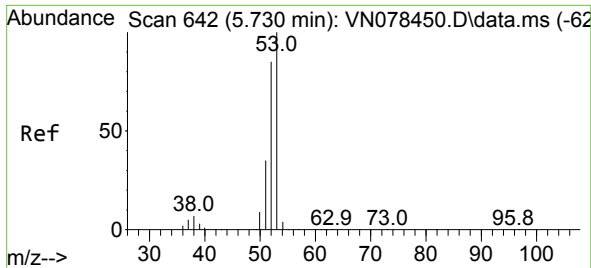
Tgt Ion: 56 Resp: 237610
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7



#14
Allyl chloride
Concen: 52.720 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 41 Resp: 378090
Ion Ratio Lower Upper
41 100
39 73.5 58.8 88.2
76 44.2 39.1 58.7

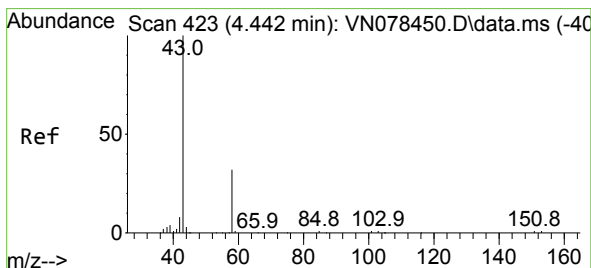
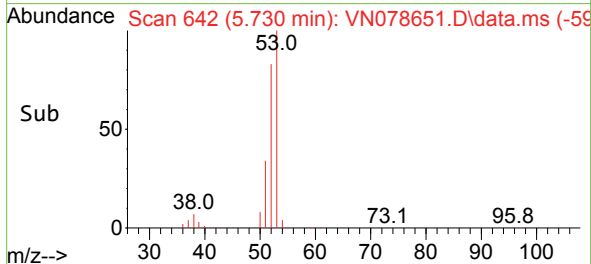
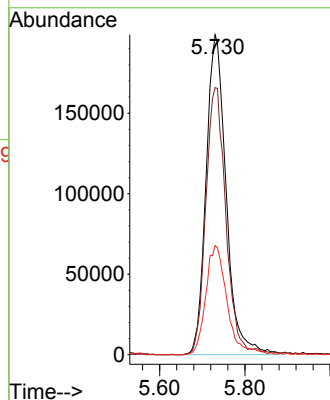
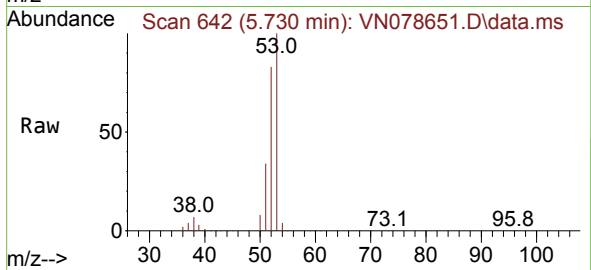




#15
Acrylonitrile
Concen: 250.331 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

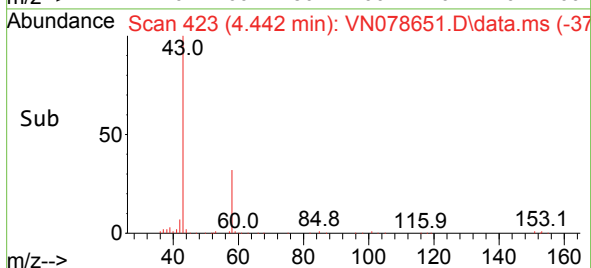
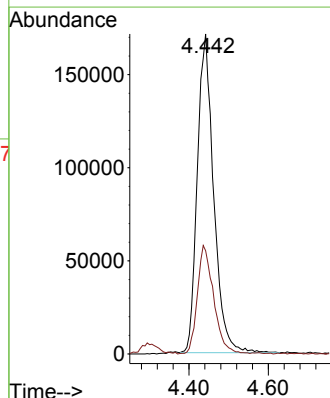
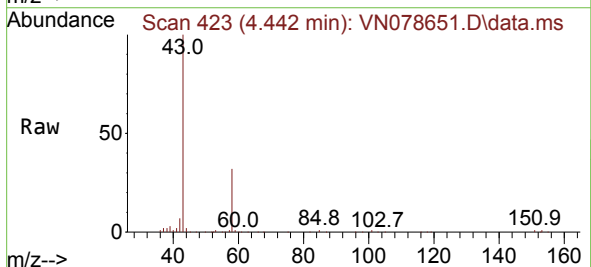
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

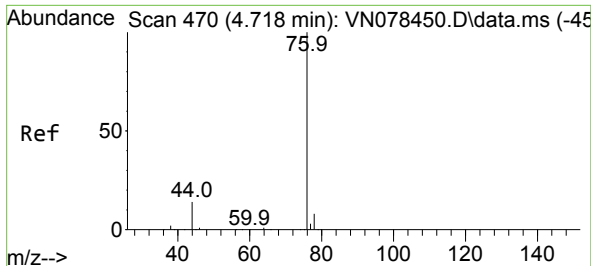
Tgt Ion: 53 Resp: 650354
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 235.643 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 43 Resp: 489459
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0





#17

Carbon Disulfide

Concen: 49.600 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

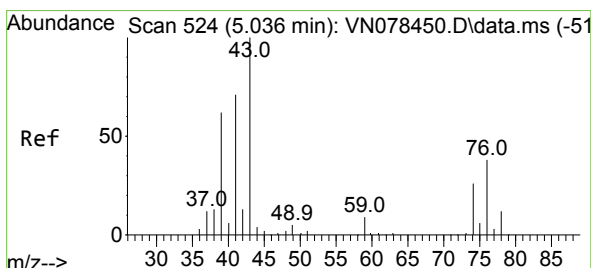
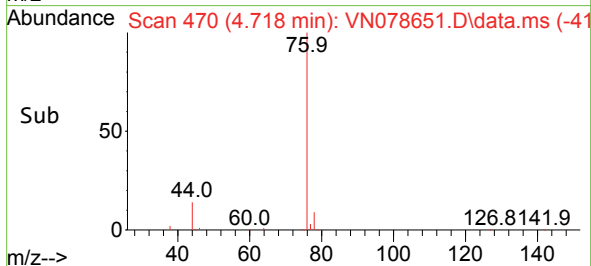
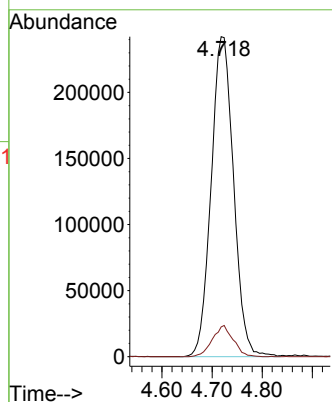
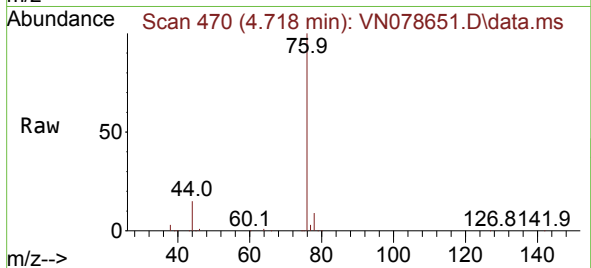
VSTDCCC050EC

Tgt Ion: 76 Resp: 752752

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 48.666 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078651.D

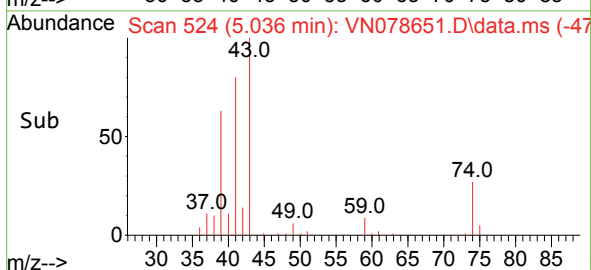
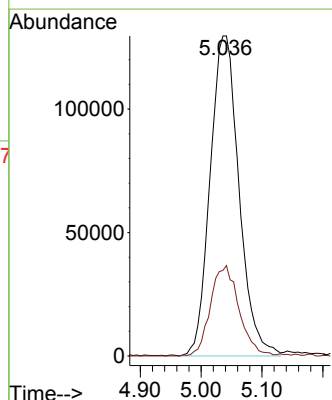
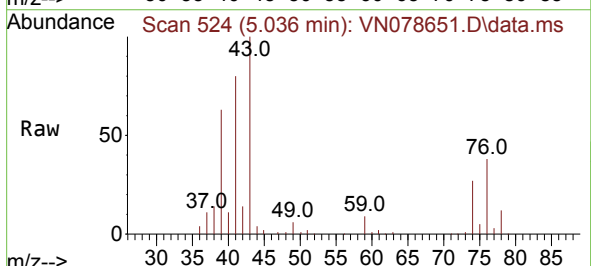
Acq: 25 Jul 2023 16:58

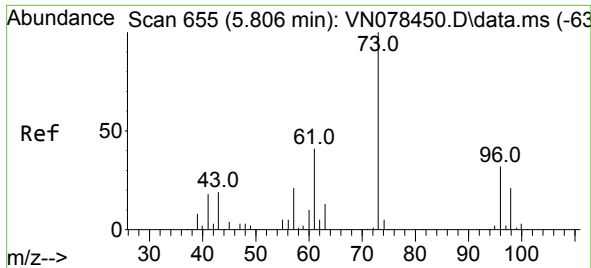
Tgt Ion: 43 Resp: 427909

Ion Ratio Lower Upper

43 100

74 27.9 26.2 39.4

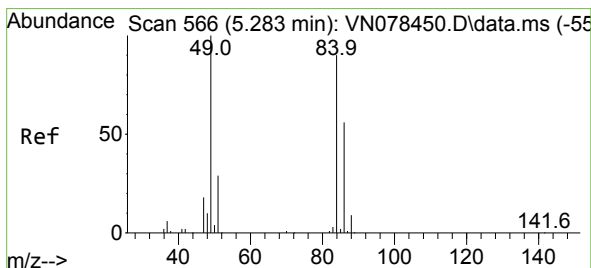
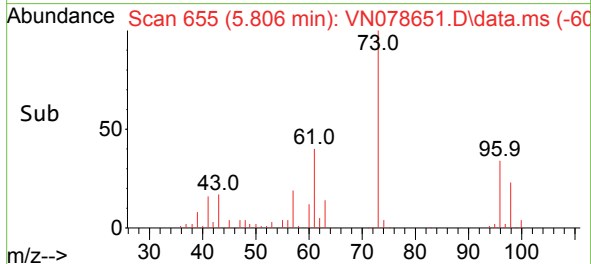
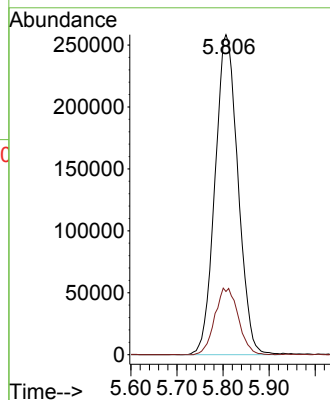
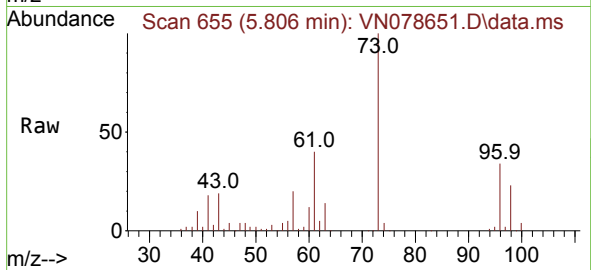




#19
Methyl tert-butyl Ether
Concen: 51.654 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

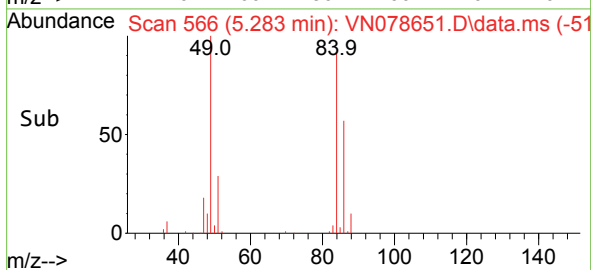
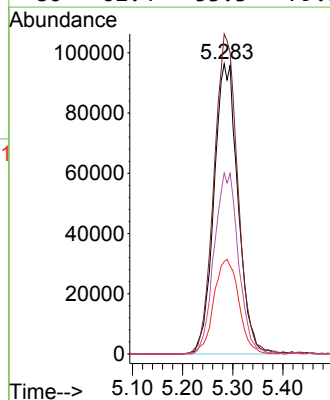
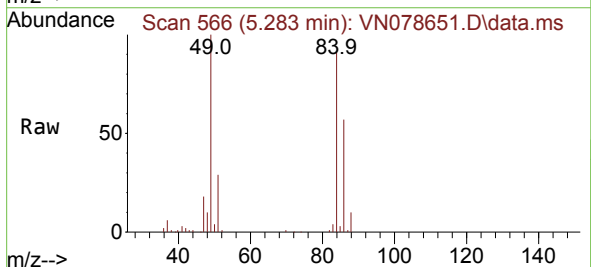
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

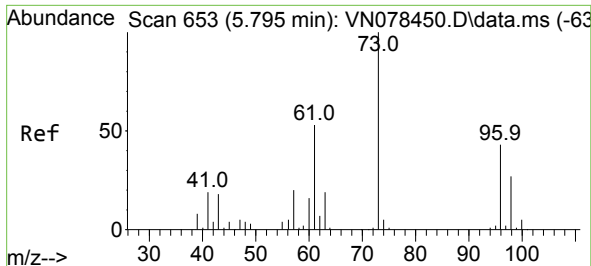
Tgt Ion: 73 Resp: 893227
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4



#20
Methylene Chloride
Concen: 53.894 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 84 Resp: 320531
Ion Ratio Lower Upper
84 100
49 110.3 79.7 119.5
51 31.8 25.2 37.8
86 62.4 53.3 79.9

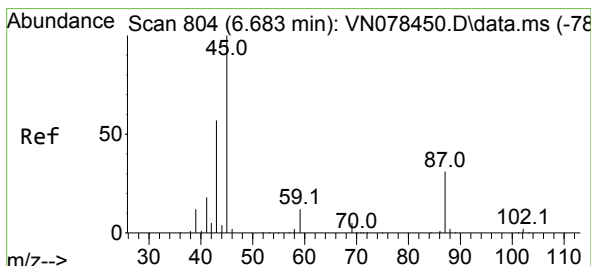
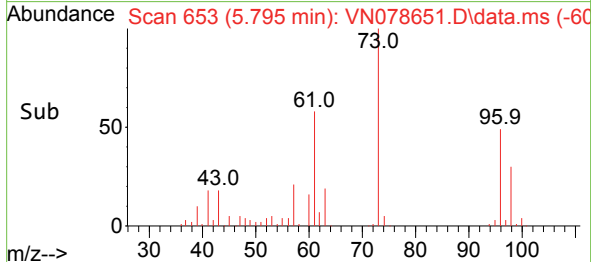
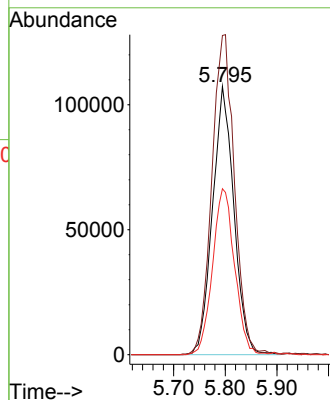
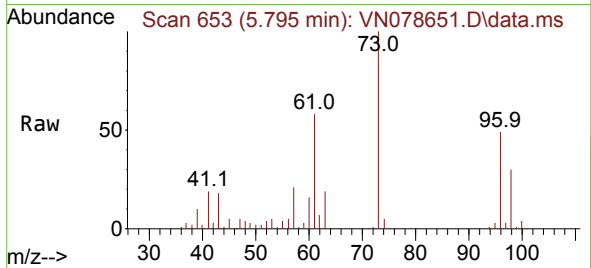




#21
trans-1,2-Dichloroethene
Concen: 52.151 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

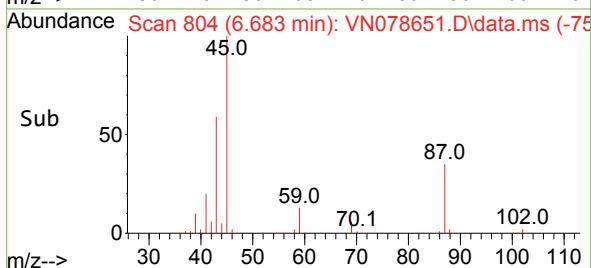
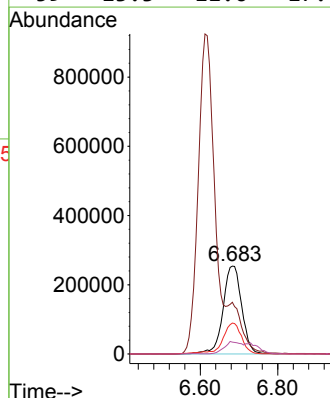
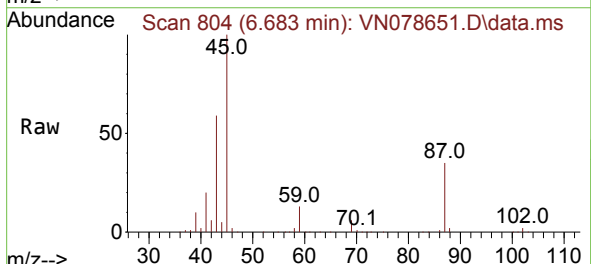
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

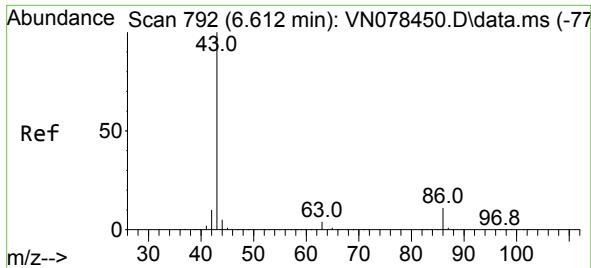
Tgt Ion: 96 Resp: 308437
Ion Ratio Lower Upper
96 100
61 119.0 90.1 135.1
98 61.8 46.4 69.6



#22
Diisopropyl ether
Concen: 52.998 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 45 Resp: 851068
Ion Ratio Lower Upper
45 100
43 58.4 45.5 68.3
87 35.0 31.8 47.8
59 13.3 11.6 17.4





#23

Vinyl Acetate

Concen: 263.052 ug/l

RT: 6.612 min Scan# 792

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

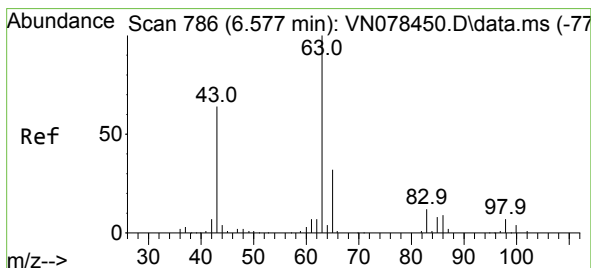
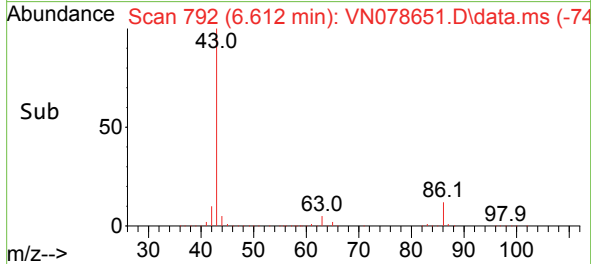
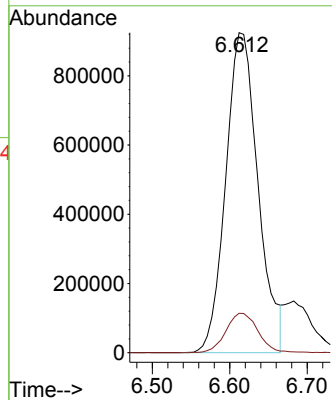
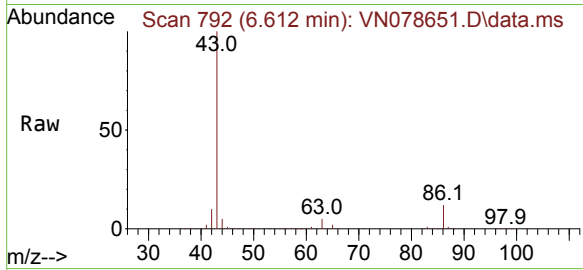
VSTDCCC050EC

Tgt Ion: 43 Resp: 2685474

Ion Ratio Lower Upper

43 100

86 12.3 13.0 19.6#



#24

1,1-Dichloroethane

Concen: 50.289 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

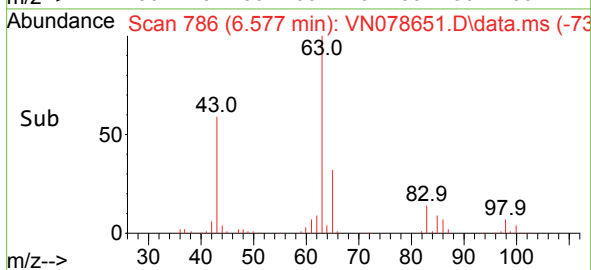
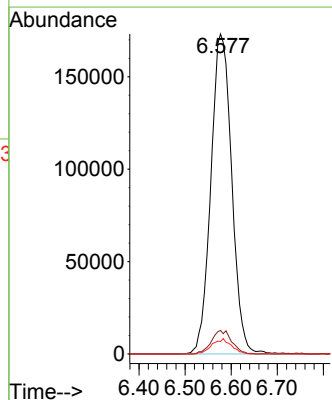
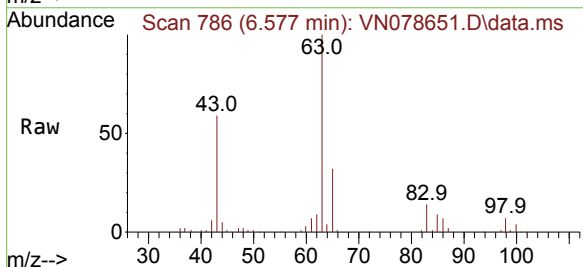
Tgt Ion: 63 Resp: 544165

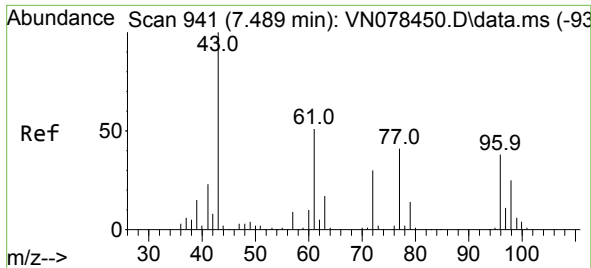
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 3.9 2.5 7.4

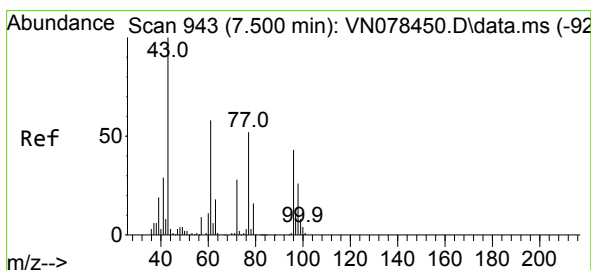
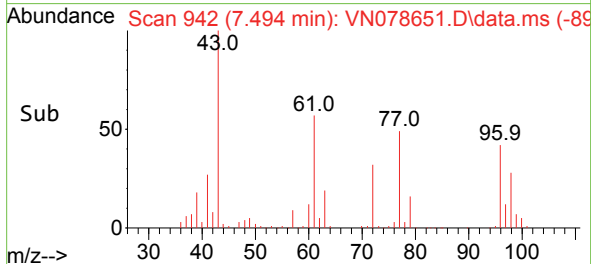
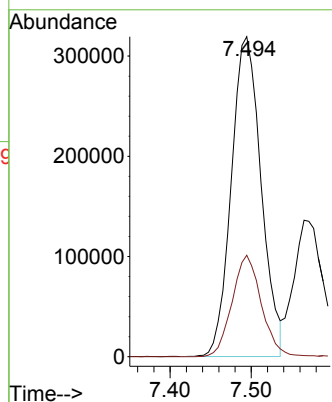
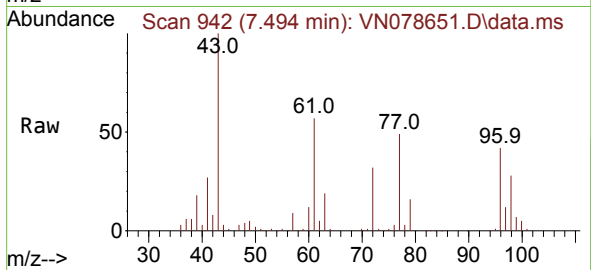




#25
2-Butanone
Concen: 249.255 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

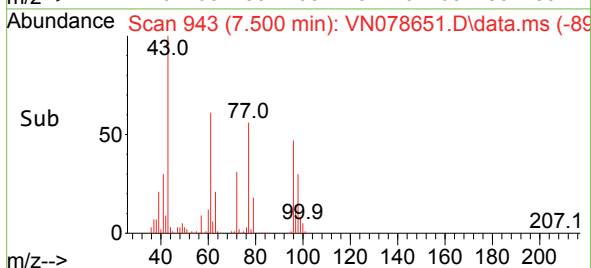
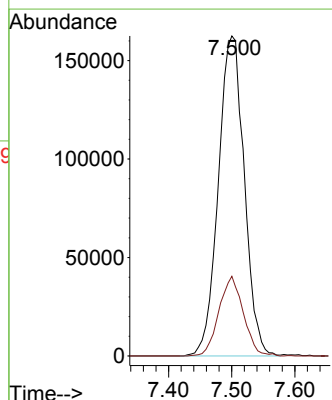
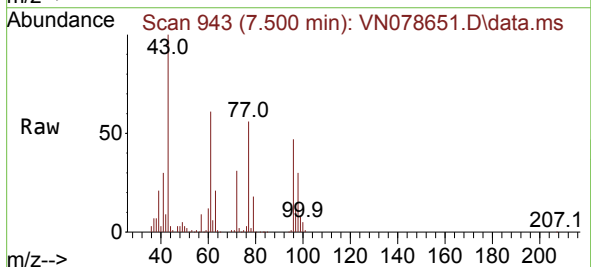
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

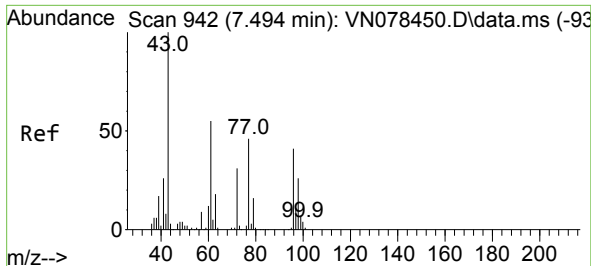
Tgt Ion: 43 Resp: 814981
Ion Ratio Lower Upper
43 100
72 31.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 52.335 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 77 Resp: 463176
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6

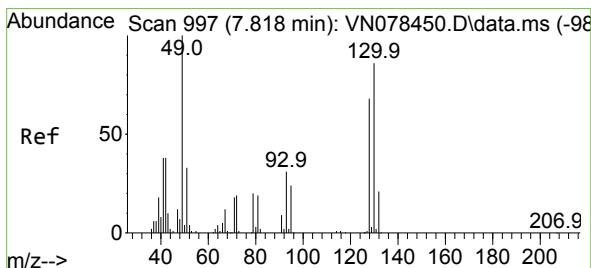
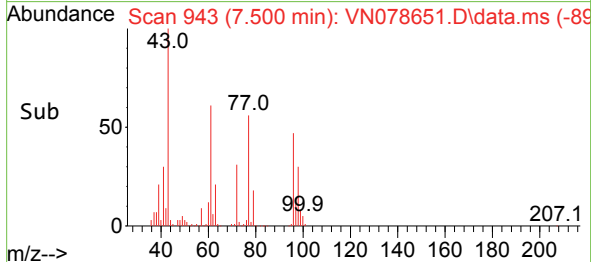
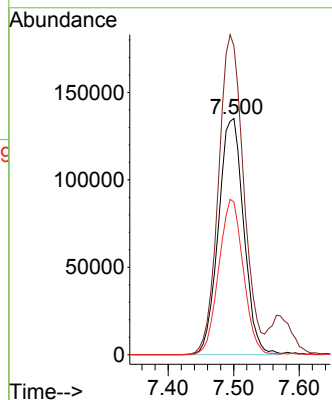
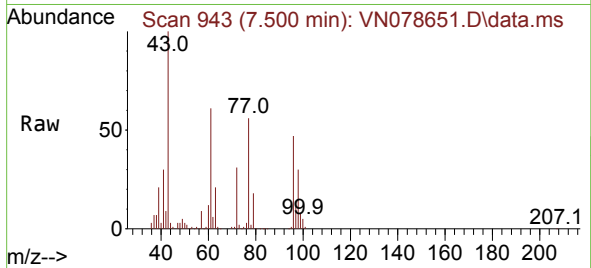




#27
 cis-1,2-Dichloroethene
 Concen: 52.893 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078651.D
 Acq: 25 Jul 2023 16:58

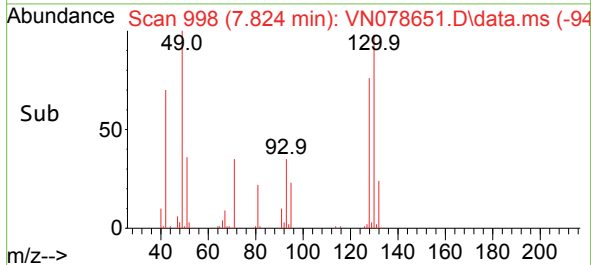
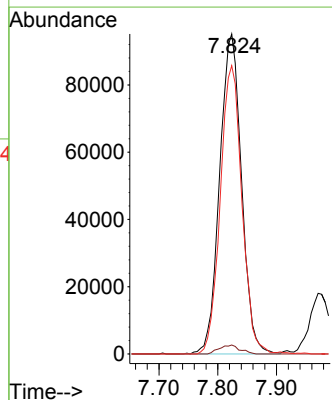
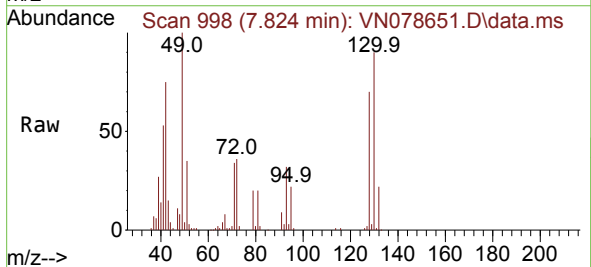
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 361884
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 255.2
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.204 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078651.D
 Acq: 25 Jul 2023 16:58

Tgt Ion: 49 Resp: 245676
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 89.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 252.617 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

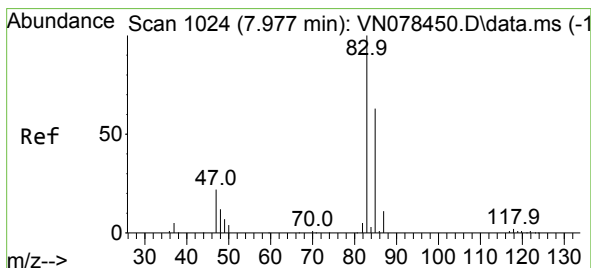
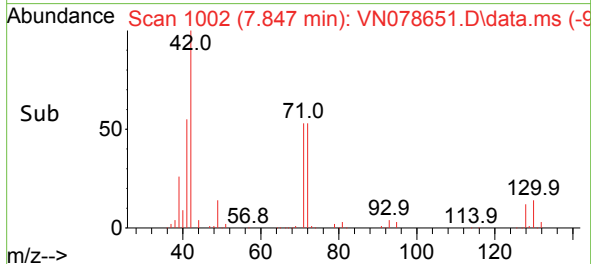
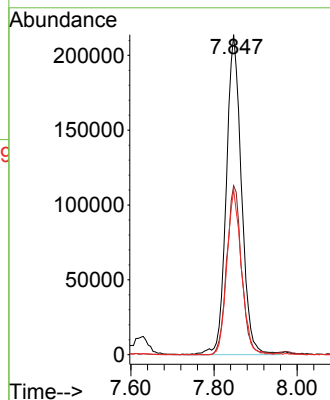
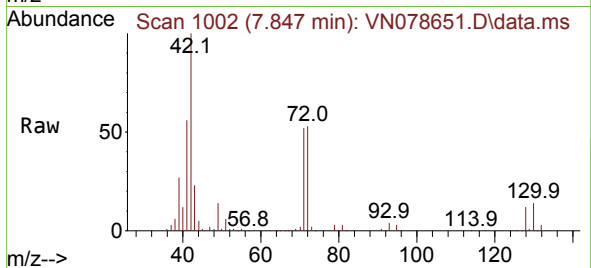
Tgt Ion: 42 Resp: 541977

Ion Ratio Lower Upper

42 100

72 51.5 49.8 74.6

71 49.3 47.4 71.2



#30

Chloroform

Concen: 52.075 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078651.D

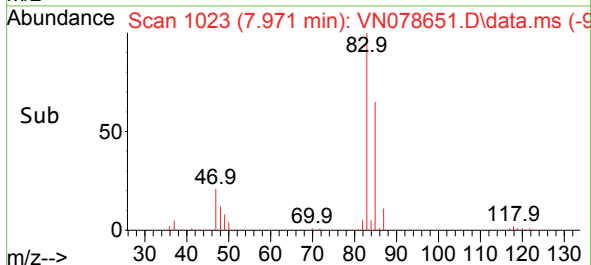
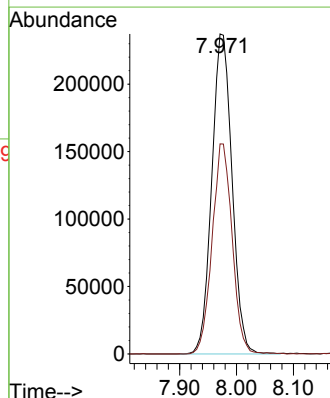
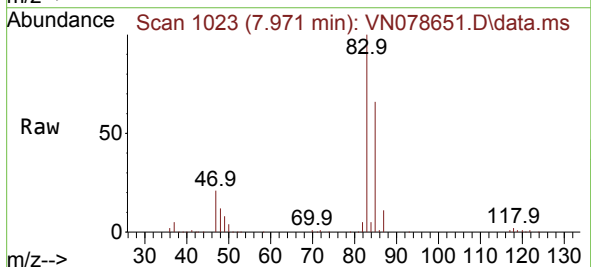
Acq: 25 Jul 2023 16:58

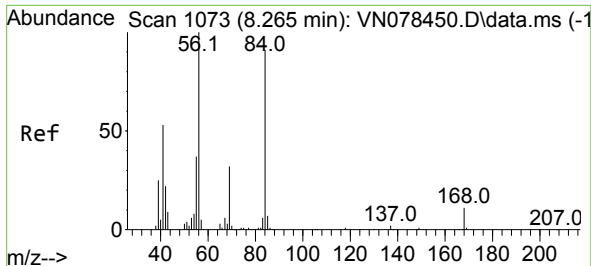
Tgt Ion: 83 Resp: 586644

Ion Ratio Lower Upper

83 100

85 65.6 55.4 83.0

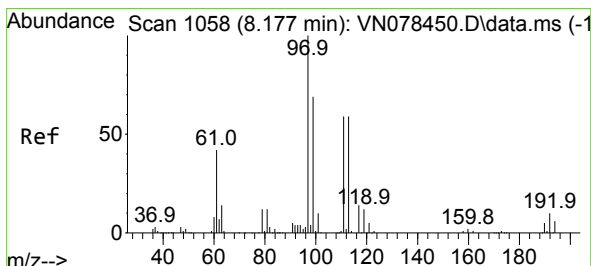
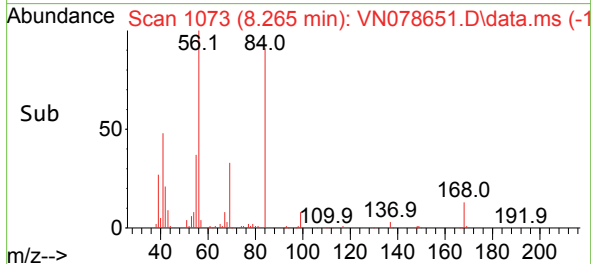
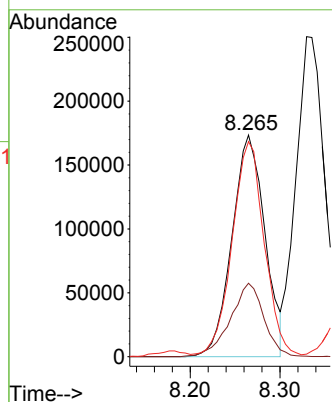
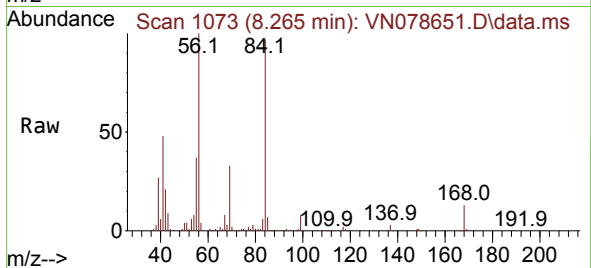




#31
Cyclohexane
Concen: 49.042 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

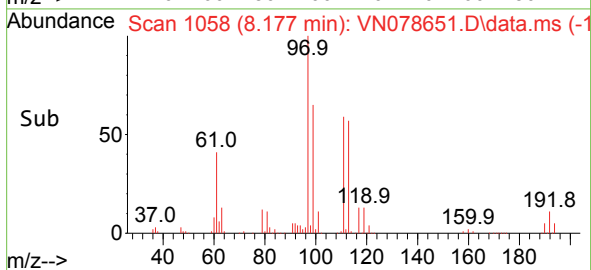
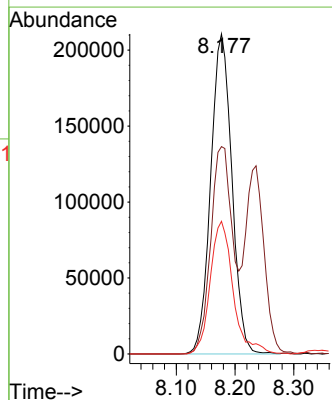
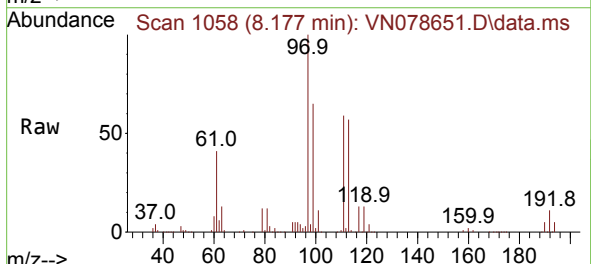
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

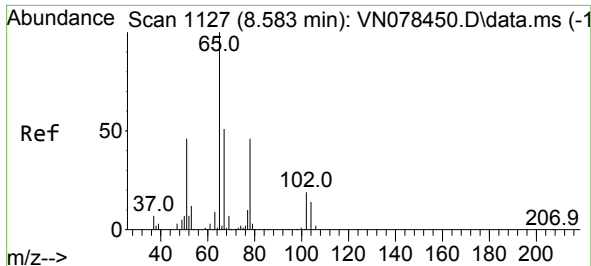
Tgt Ion: 56 Resp: 441950
Ion Ratio Lower Upper
56 100
69 33.1 26.8 40.2
84 95.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 52.163 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 97 Resp: 526853
Ion Ratio Lower Upper
97 100
99 66.9 50.3 75.5
61 44.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.312 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

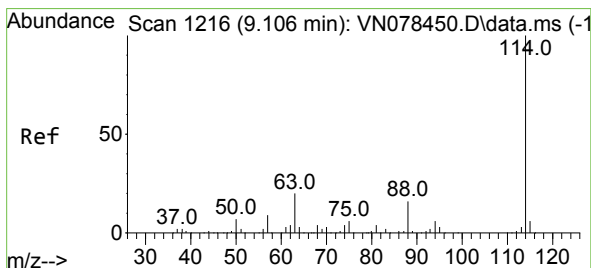
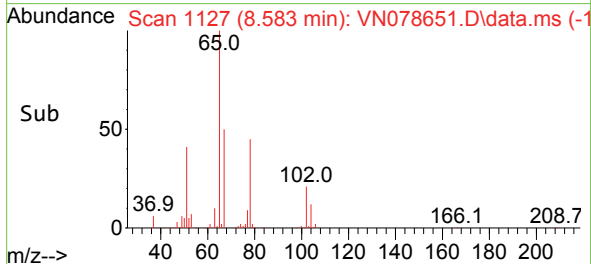
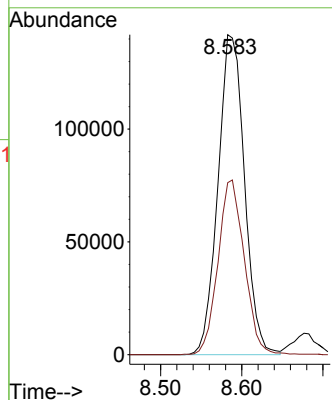
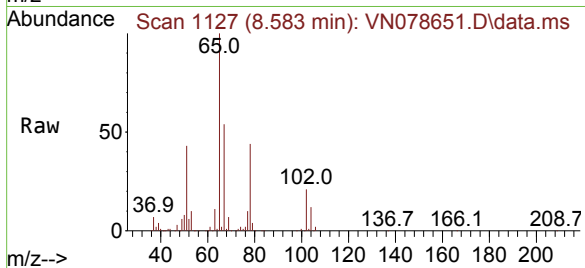
VSTDCCC050EC

Tgt Ion: 65 Resp: 322149

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

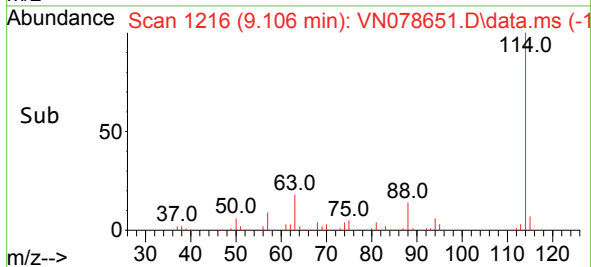
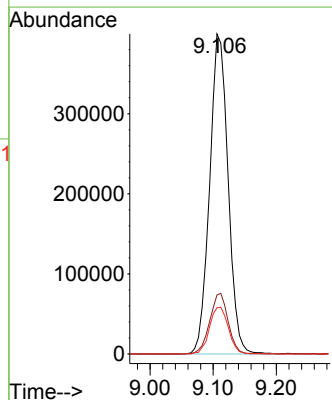
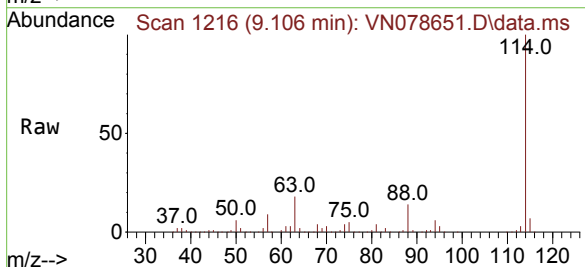
Tgt Ion: 114 Resp: 810567

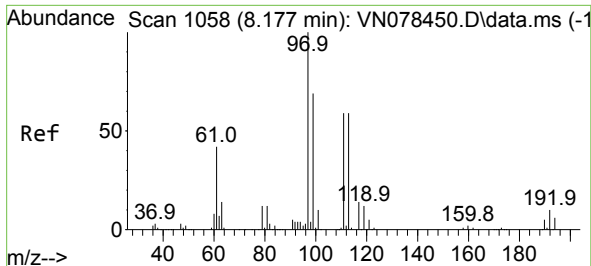
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 14.5 0.0 30.6

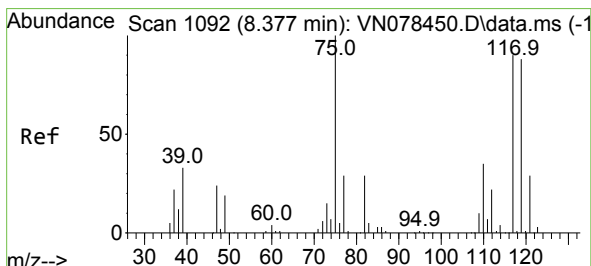
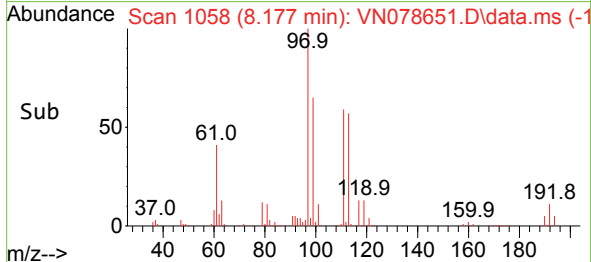
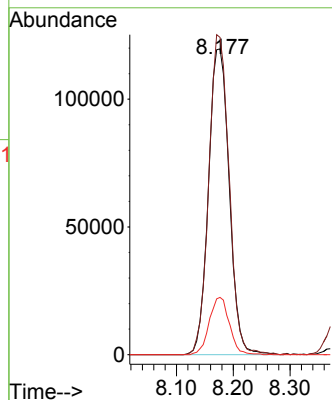
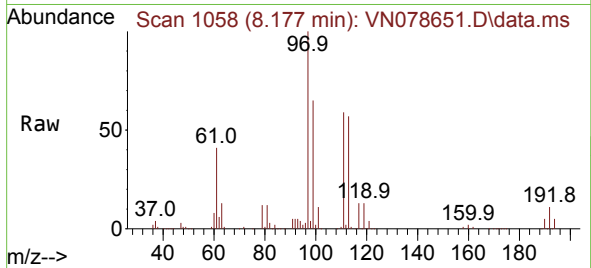




#35
Dibromofluoromethane
Concen: 55.146 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

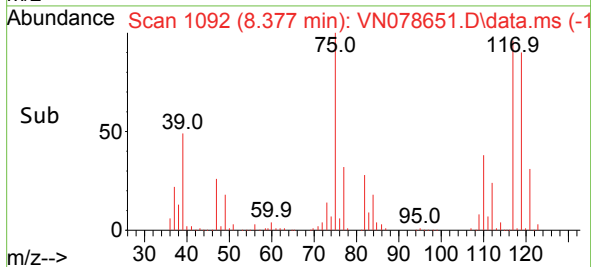
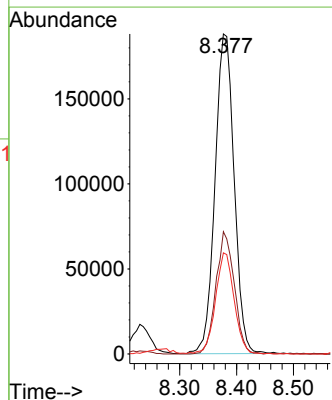
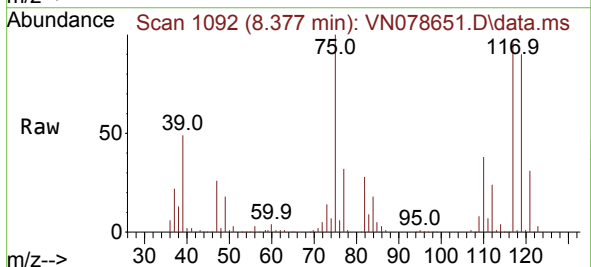
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

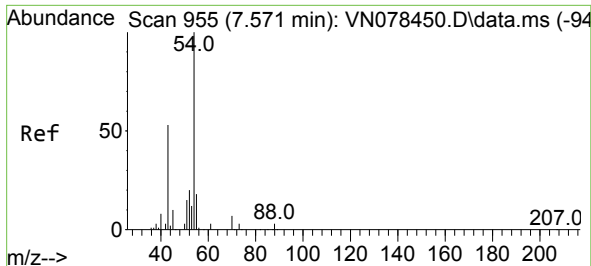
Tgt Ion:113 Resp: 303432
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 55.389 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 75 Resp: 440065
Ion Ratio Lower Upper
75 100
110 36.7 19.1 57.3
77 30.7 25.0 37.4

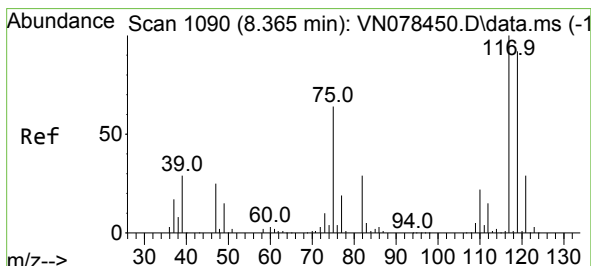
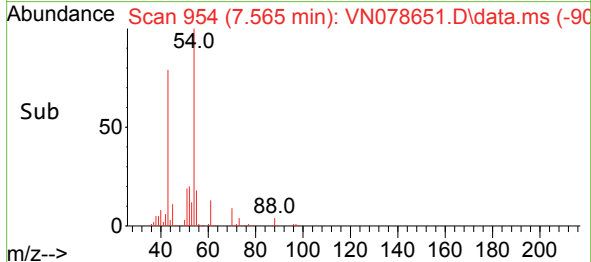
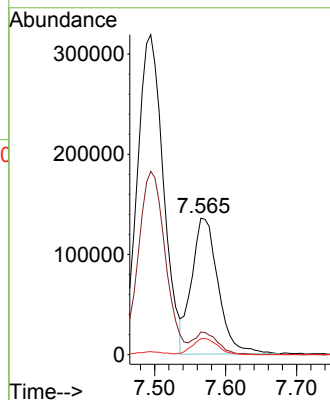
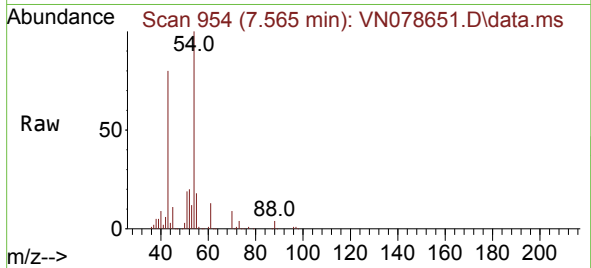




#37
Ethyl Acetate
Concen: 53.252 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

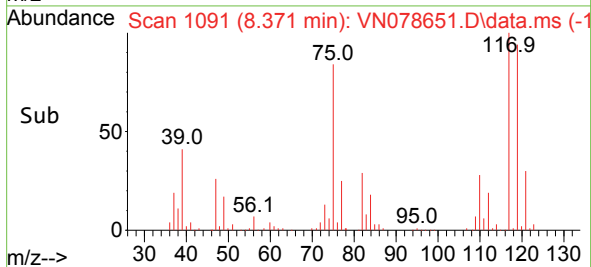
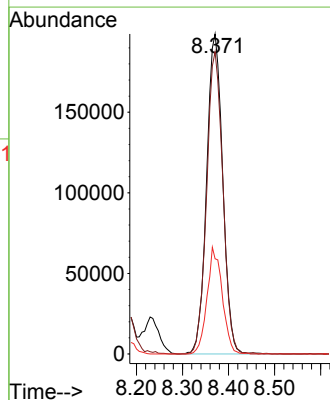
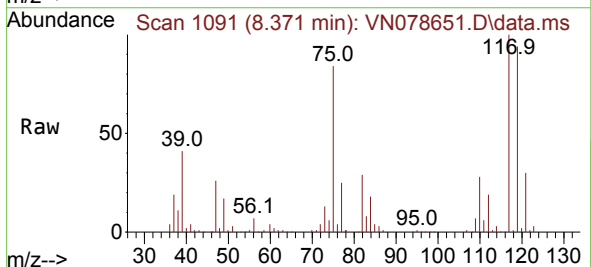
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

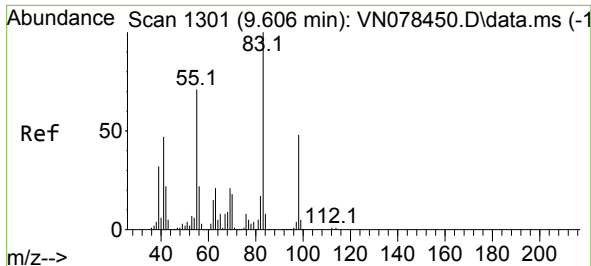
Tgt Ion: 43 Resp: 352690
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 11.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 56.041 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 117 Resp: 483911
Ion Ratio Lower Upper
117 100
119 94.4 77.3 115.9
121 29.7 23.3 34.9





#39

Methylcyclohexane

Concen: 56.717 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

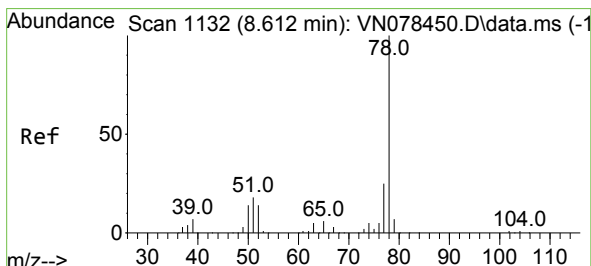
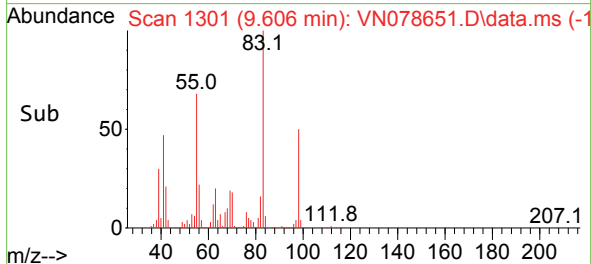
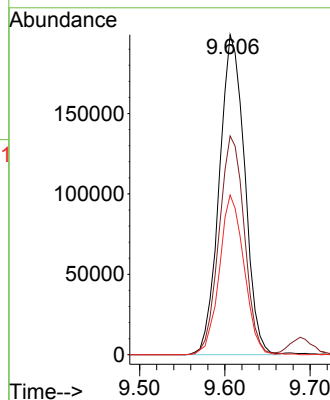
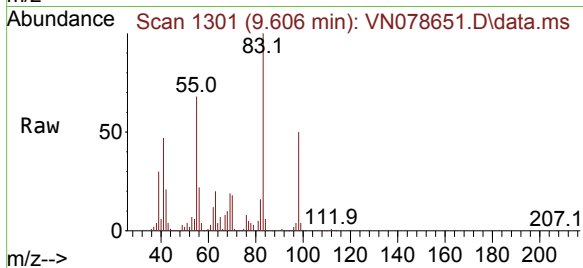
Tgt Ion: 83 Resp: 411316

Ion Ratio Lower Upper

83 100

55 68.3 49.1 73.7

98 49.9 40.6 61.0



#40

Benzene

Concen: 56.055 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078651.D

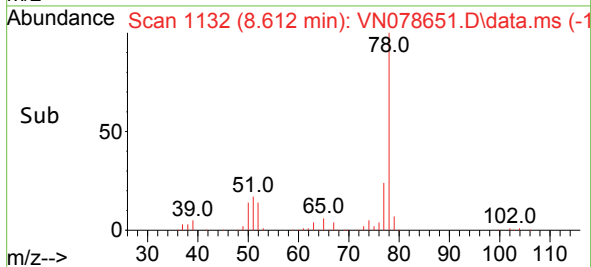
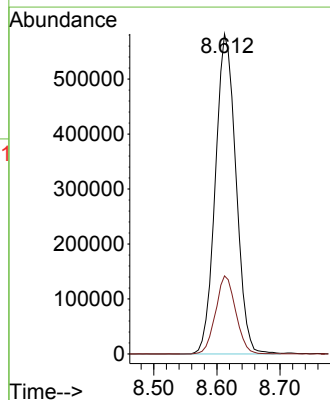
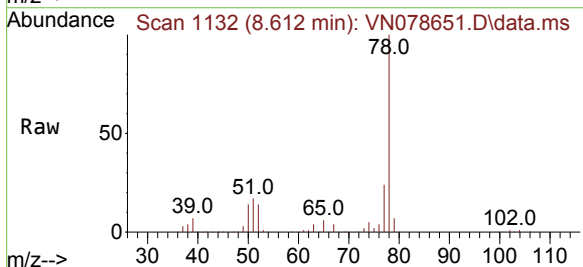
Acq: 25 Jul 2023 16:58

Tgt Ion: 78 Resp: 1319401

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

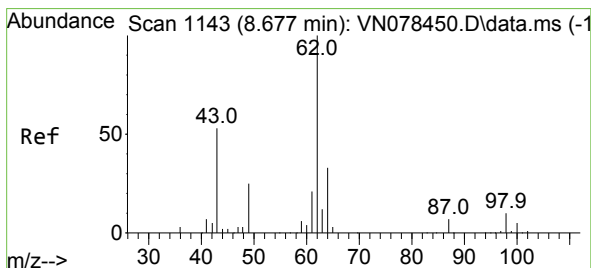
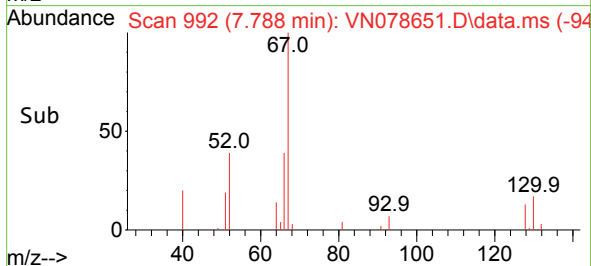
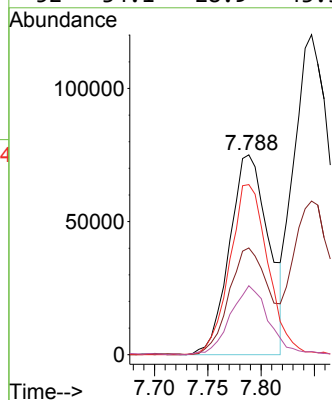
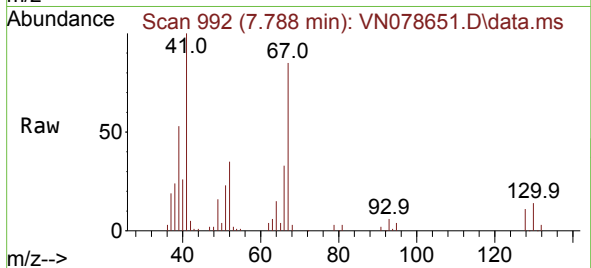




#41
Methacrylonitrile
Concen: 56.915 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

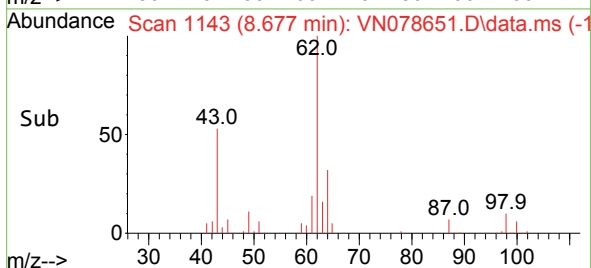
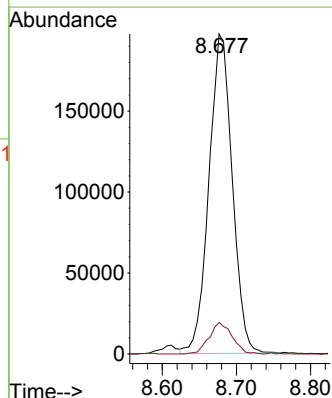
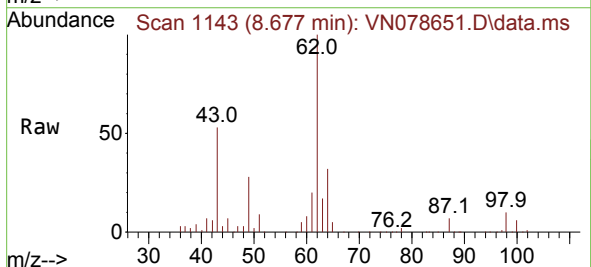
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

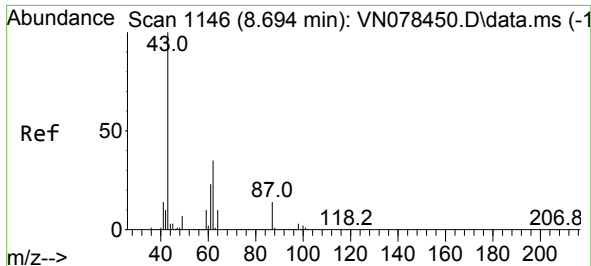
Tgt Ion:	41	Resp:	192165
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.6	64.0
67	83.3	77.5	116.3
52	34.1	28.9	43.3



#42
1,2-Dichloroethane
Concen: 53.905 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion:	62	Resp:	431567
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8

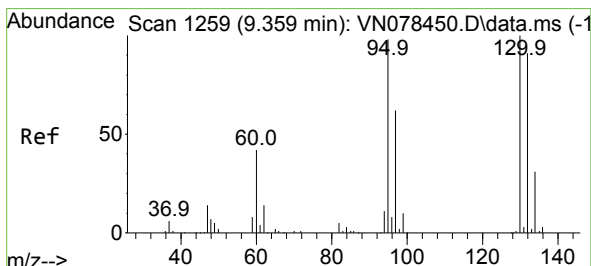
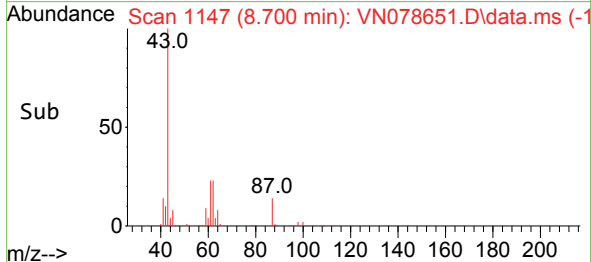
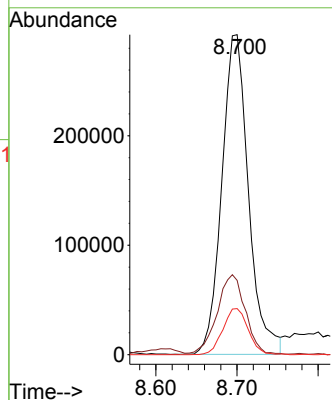
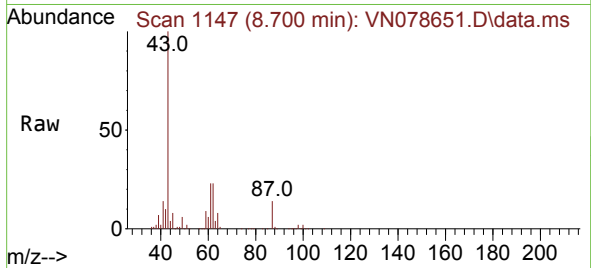




#43
Isopropyl Acetate
Concen: 61.186 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

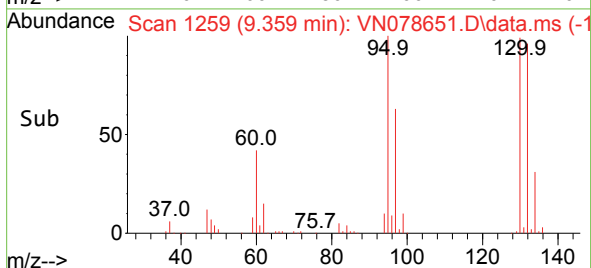
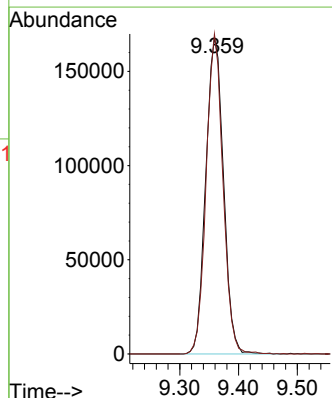
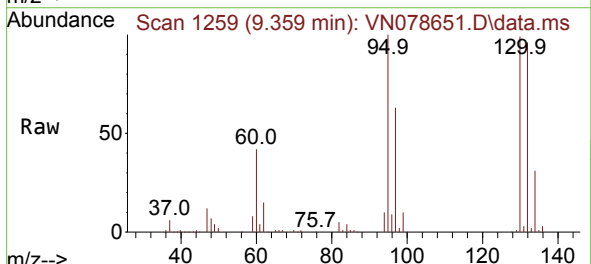
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

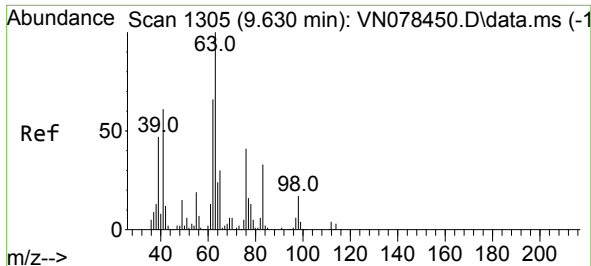
Tgt Ion: 43 Resp: 667174
Ion Ratio Lower Upper
43 100
61 26.2 24.7 37.1
87 13.8 14.6 21.8#



#44
Trichloroethene
Concen: 55.432 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion:130 Resp: 351650
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.6

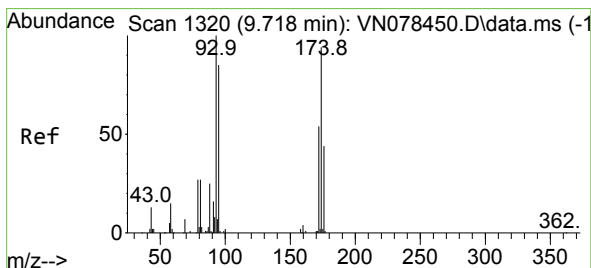
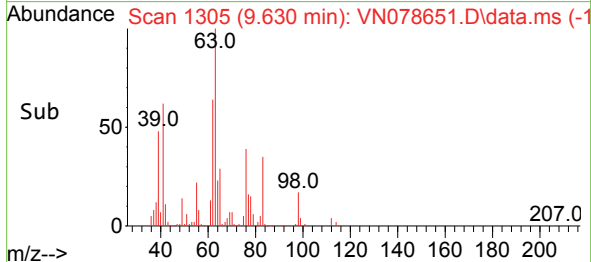
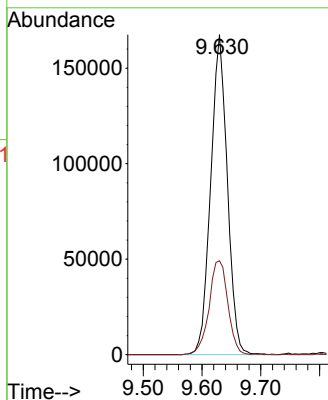
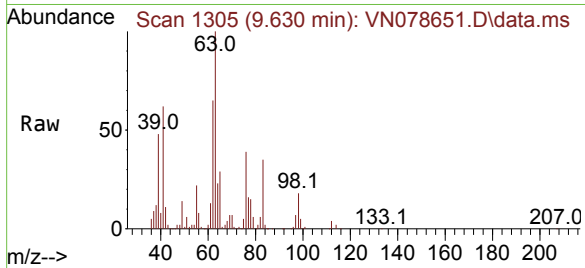




#45
1,2-Dichloropropane
Concen: 55.148 ug/l
RT: 9.630 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

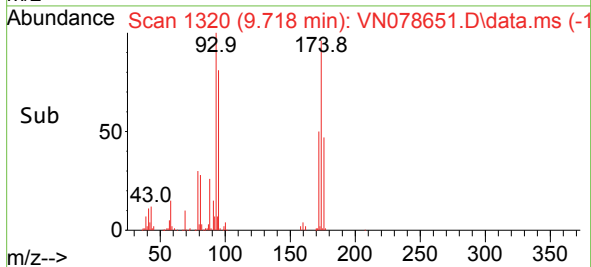
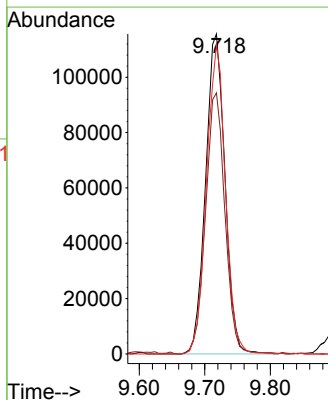
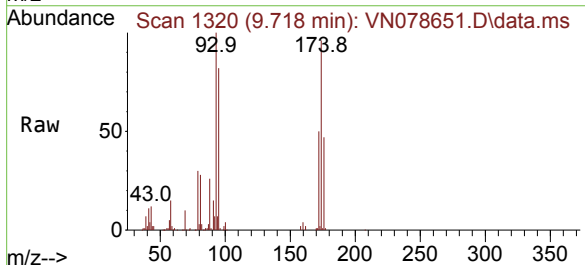
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

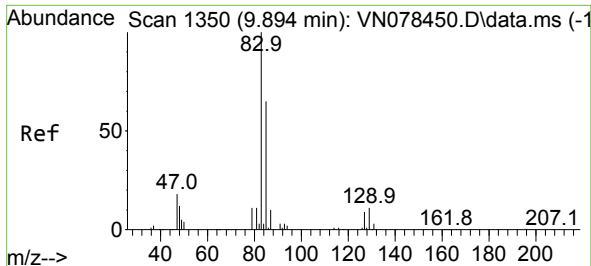
Tgt Ion: 63 Resp: 328761
Ion Ratio Lower Upper
63 100
65 29.3 23.9 35.9



#46
Dibromomethane
Concen: 56.571 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 93 Resp: 237362
Ion Ratio Lower Upper
93 100
95 82.0 63.8 95.8
174 94.4 65.6 98.4

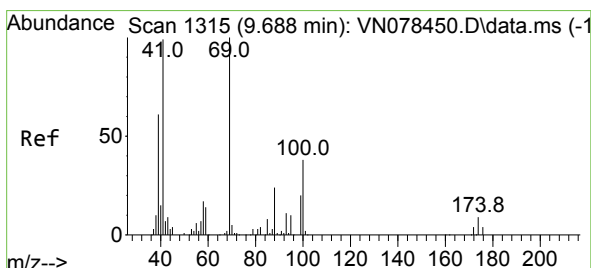
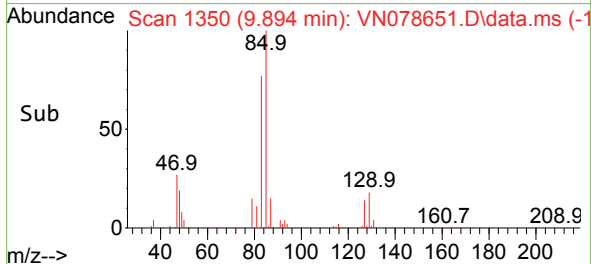
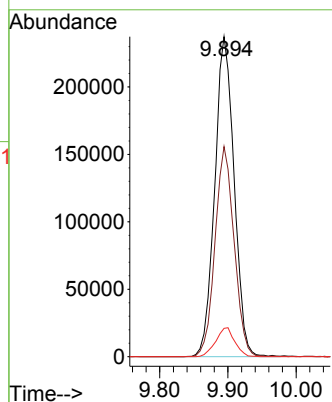
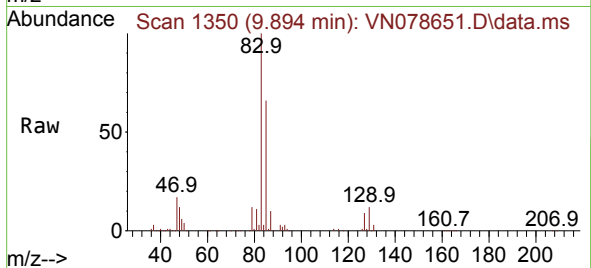




#47
Bromodichloromethane
Concen: 55.841 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

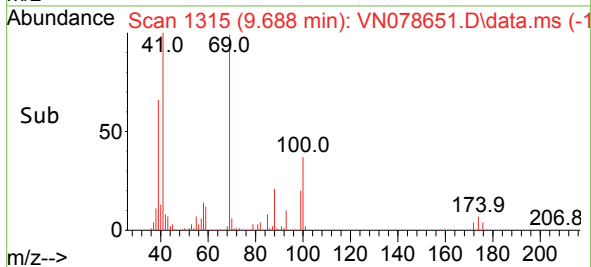
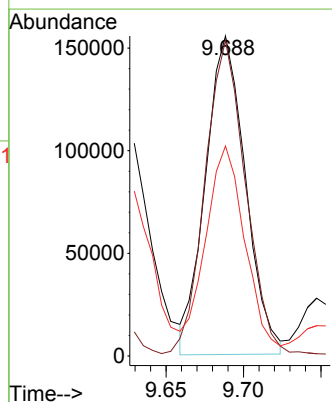
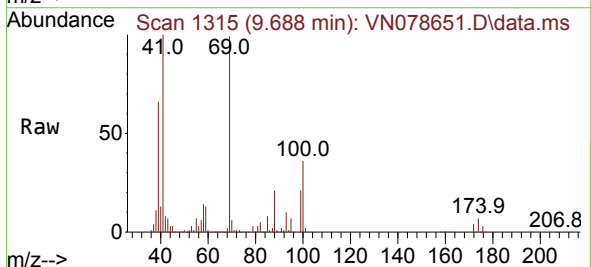
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

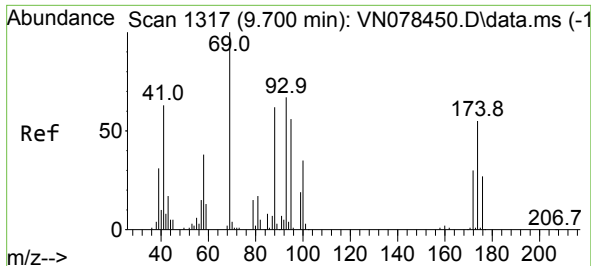
Tgt Ion: 83 Resp: 469671
Ion Ratio Lower Upper
83 100
85 65.6 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 55.107 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 41 Resp: 278383
Ion Ratio Lower Upper
41 100
69 102.1 90.4 135.6
39 65.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1076.162 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078651.D

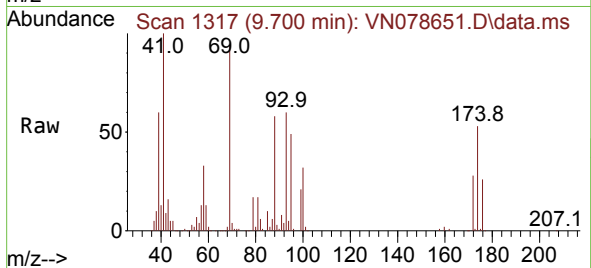
Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



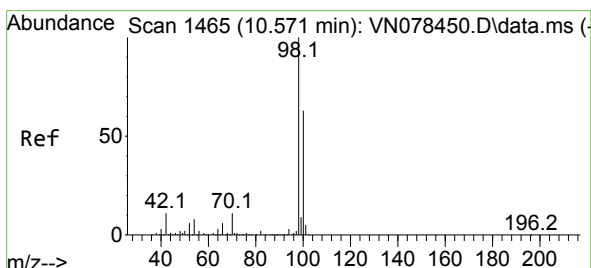
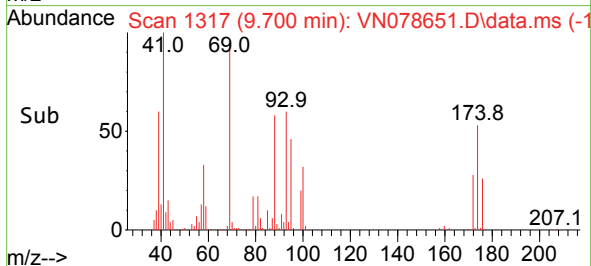
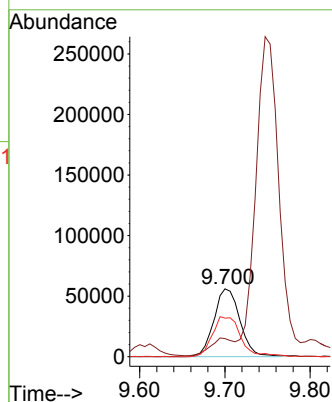
Tgt Ion: 88 Resp: 118559

Ion Ratio Lower Upper

88 100

43 23.5 17.0 25.6

58 64.6 47.0 70.4



#50

Toluene-d8

Concen: 51.742 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078651.D

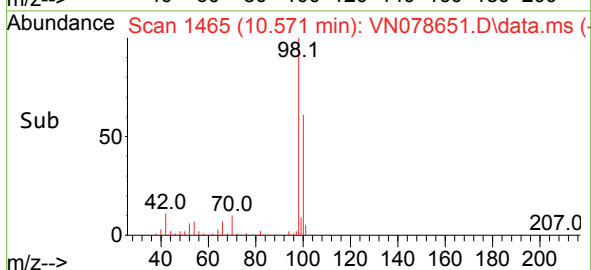
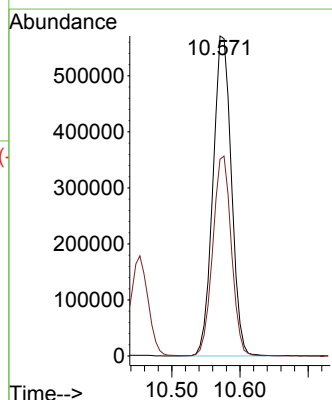
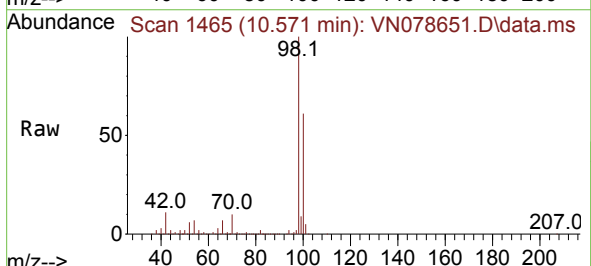
Acq: 25 Jul 2023 16:58

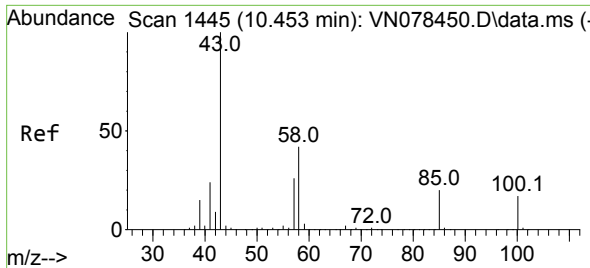
Tgt Ion: 98 Resp: 1075522

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0

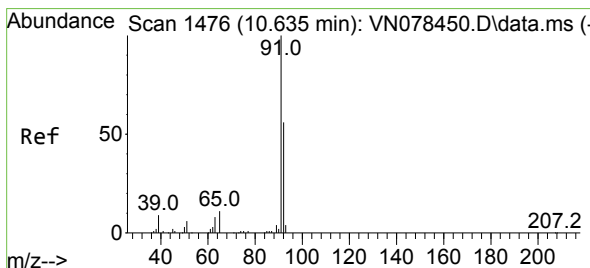
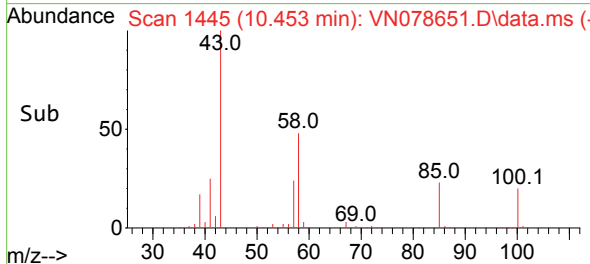
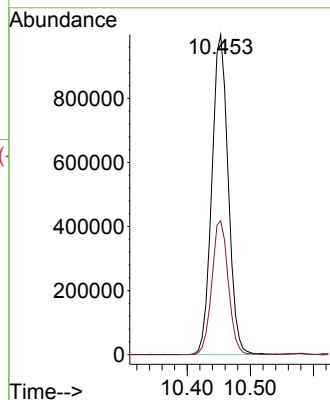
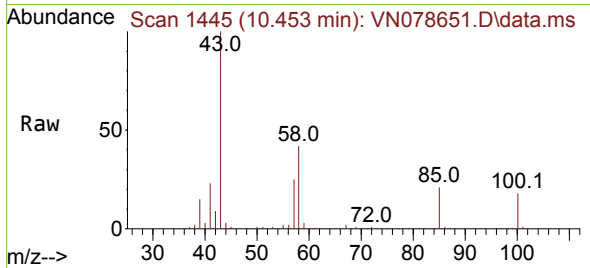




#51
4-Methyl-2-Pentanone
Concen: 277.168 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

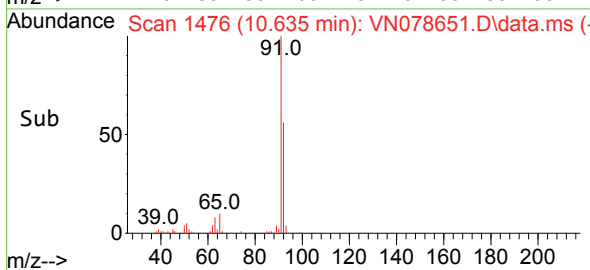
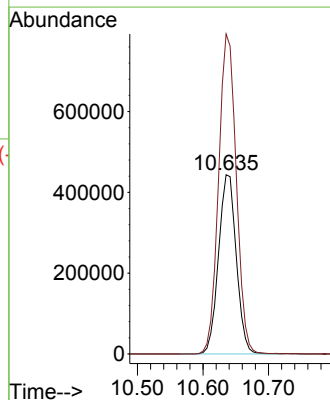
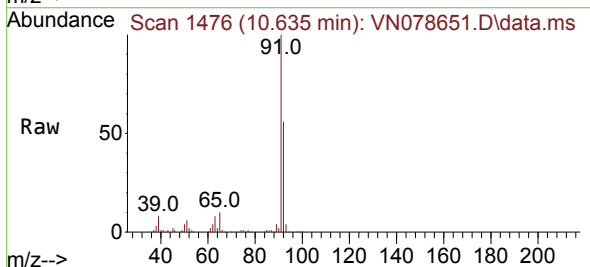
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

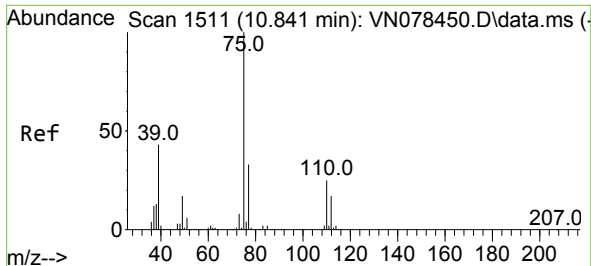
Tgt Ion: 43 Resp: 1797662
Ion Ratio Lower Upper
43 100
58 42.2 36.6 54.8



#52
Toluene
Concen: 56.970 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 92 Resp: 831075
Ion Ratio Lower Upper
92 100
91 178.1 137.4 206.0

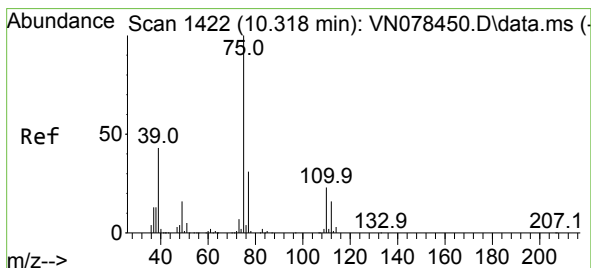
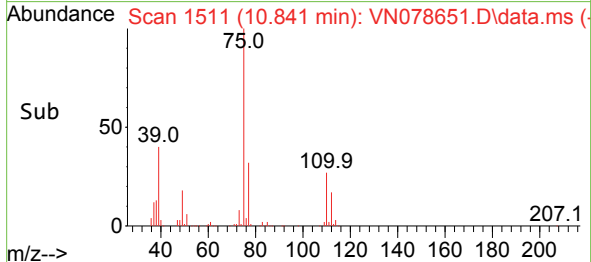
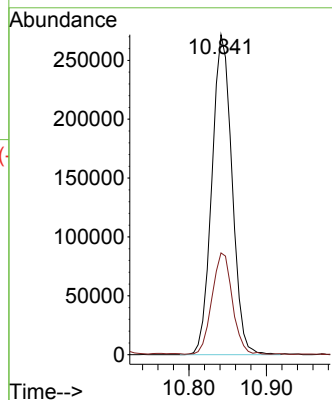
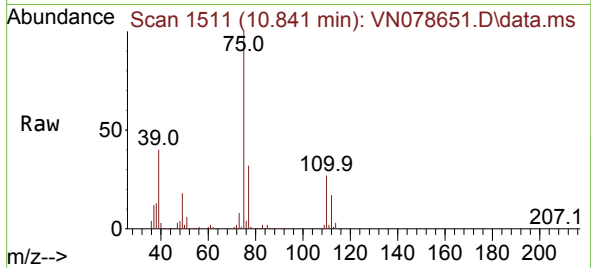




#53
 t-1,3-Dichloropropene
 Concen: 56.927 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078651.D
 Acq: 25 Jul 2023 16:58

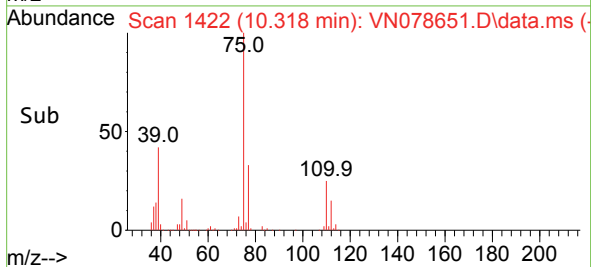
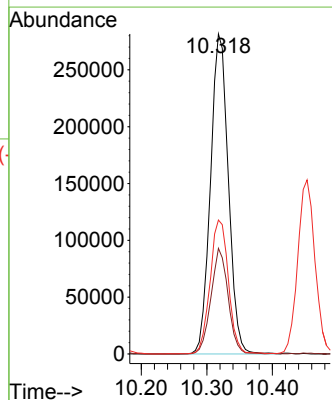
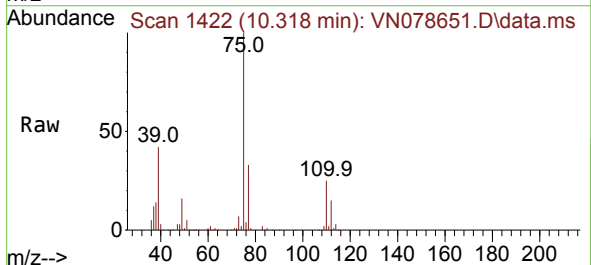
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

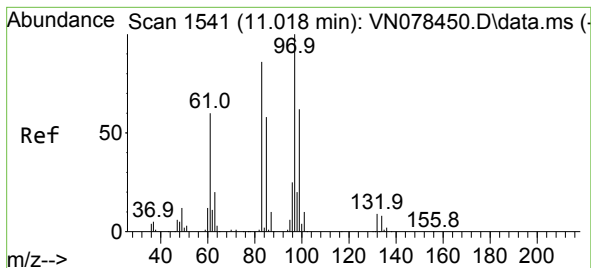
Tgt Ion: 75 Resp: 490518
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.974 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078651.D
 Acq: 25 Jul 2023 16:58

Tgt Ion: 75 Resp: 532480
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.1 39.1
 39 41.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 56.626 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 325465

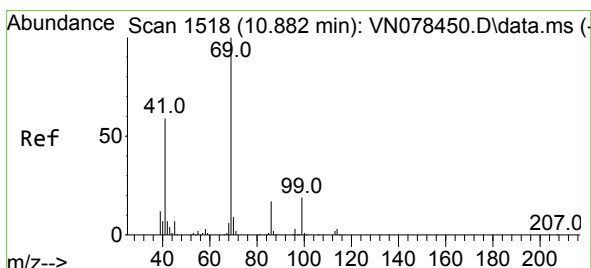
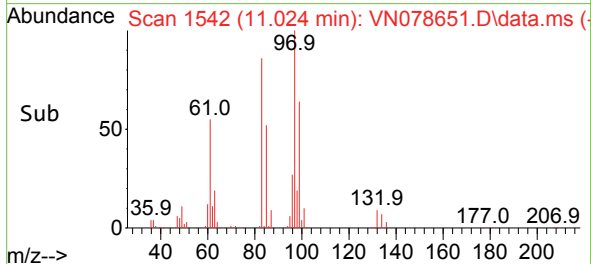
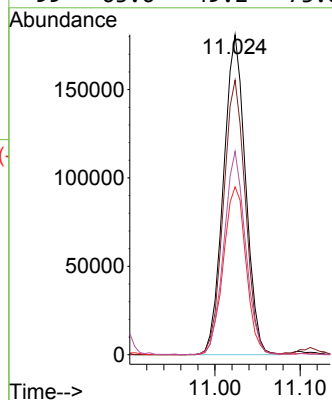
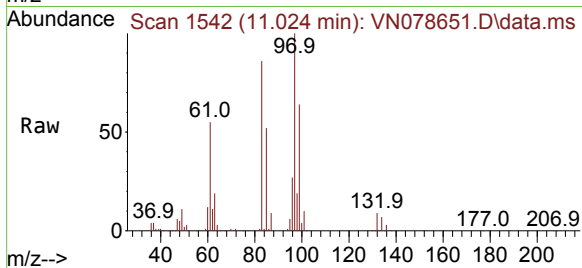
Ion Ratio Lower Upper

97 100

83 85.8 65.1 97.7

85 52.5 43.4 65.2

99 63.6 49.2 73.8



#56

Ethyl methacrylate

Concen: 58.065 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

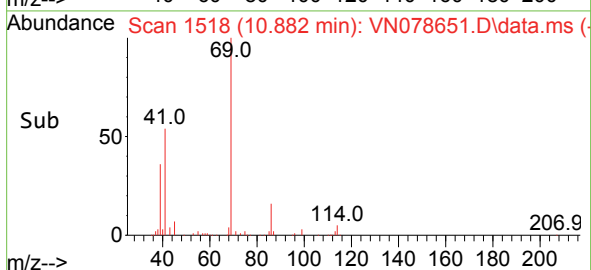
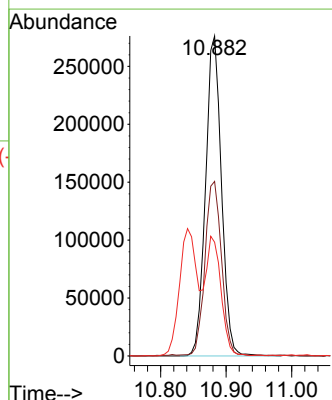
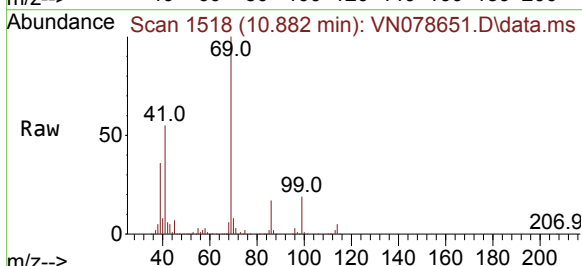
Tgt Ion: 69 Resp: 466525

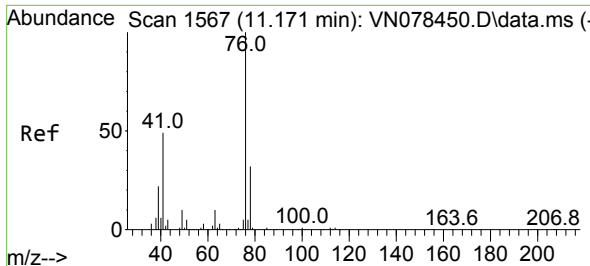
Ion Ratio Lower Upper

69 100

41 56.2 39.6 59.4

39 33.2 28.6 43.0

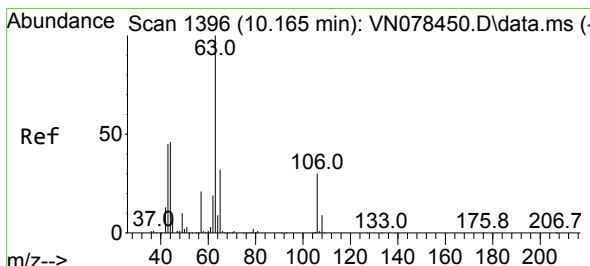
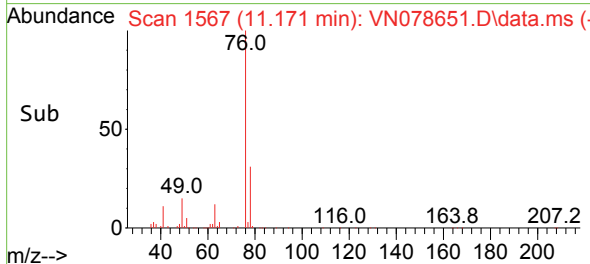
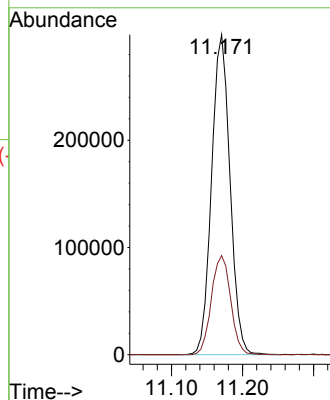
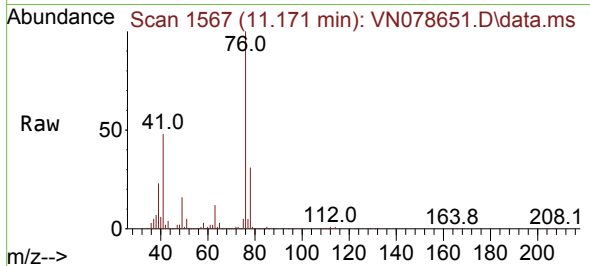




#57
1,3-Dichloropropane
Concen: 55.012 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

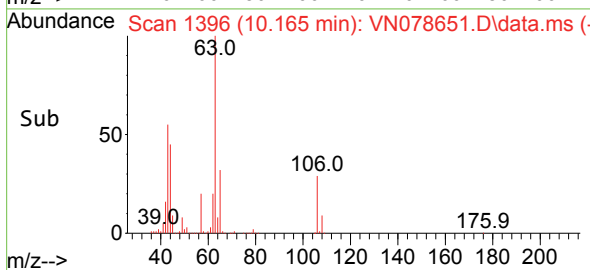
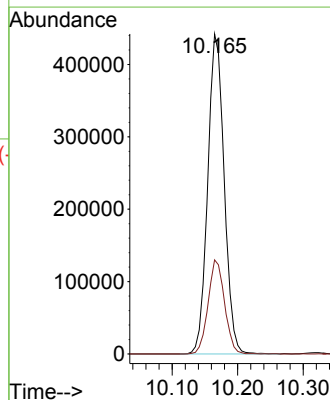
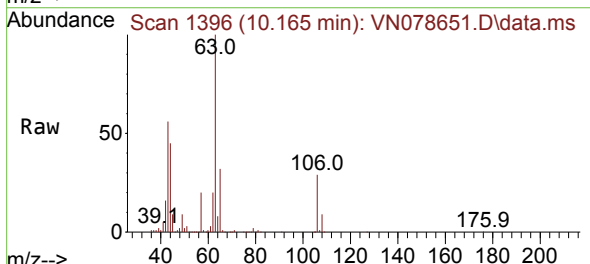
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

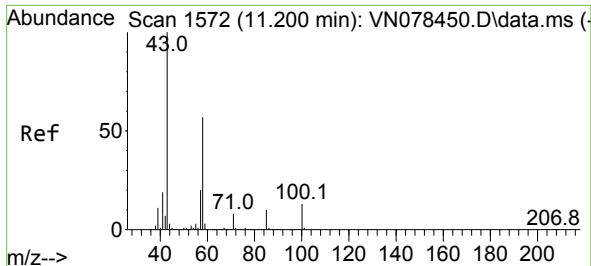
Tgt Ion: 76 Resp: 537619
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 269.700 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 63 Resp: 772226
Ion Ratio Lower Upper
63 100
106 29.4 26.2 39.4

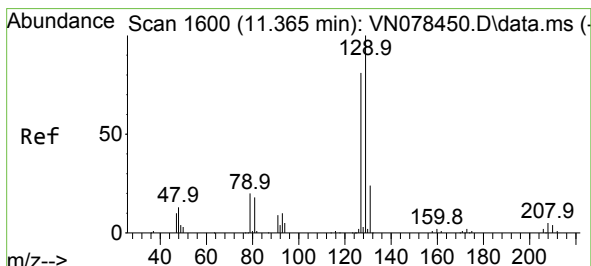
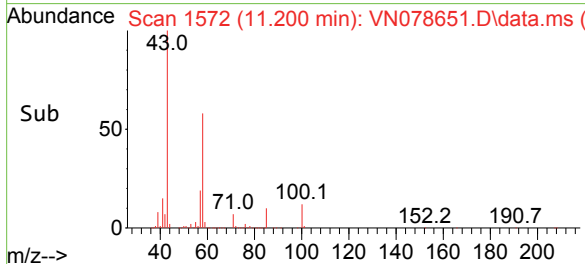
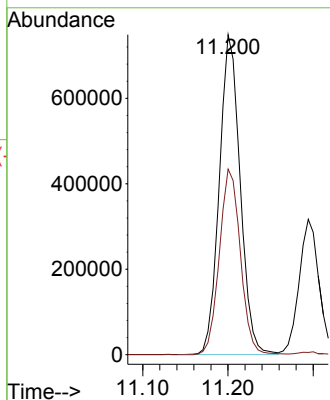
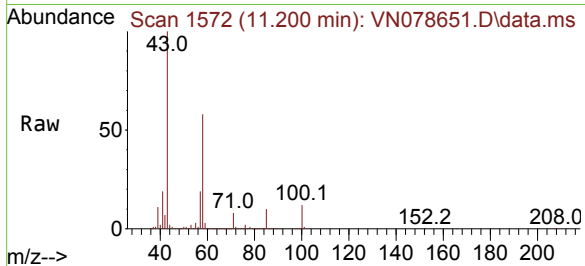




#59
2-Hexanone
Concen: 276.411 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

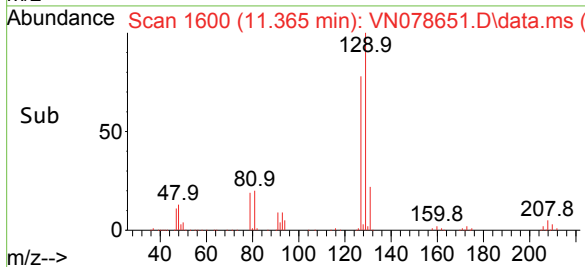
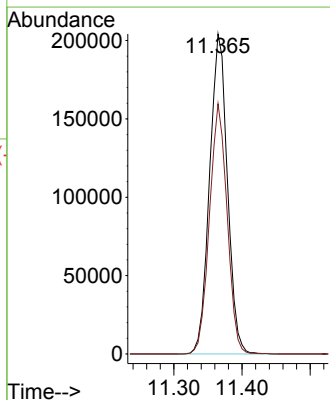
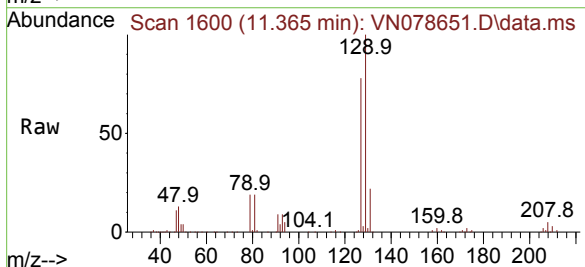
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

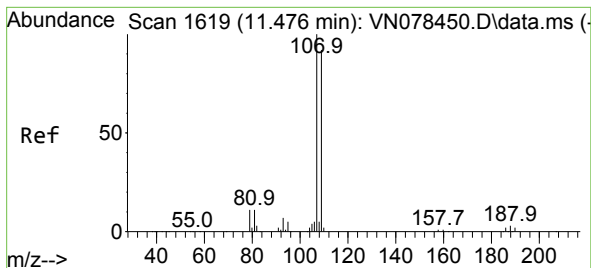
Tgt Ion: 43 Resp: 1274131
Ion Ratio Lower Upper
43 100
58 58.6 31.7 95.1



#60
Dibromochloromethane
Concen: 58.517 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 129 Resp: 371307
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

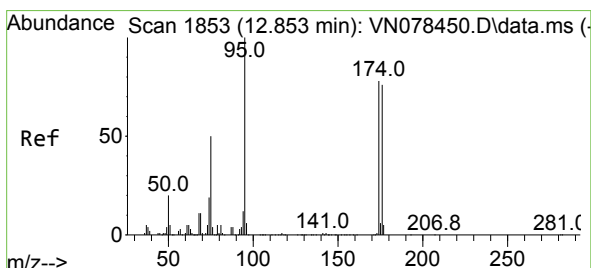
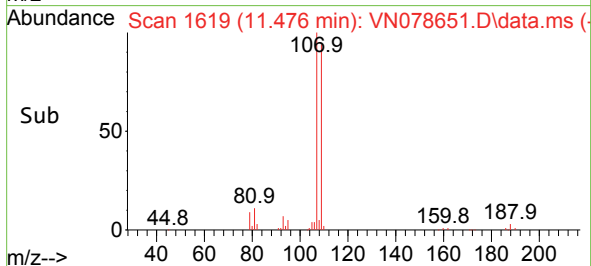
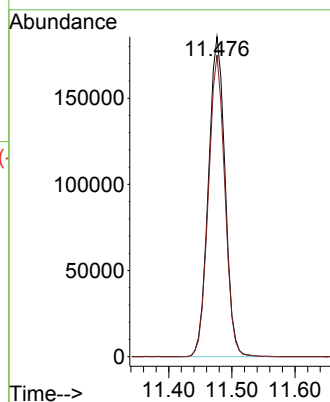
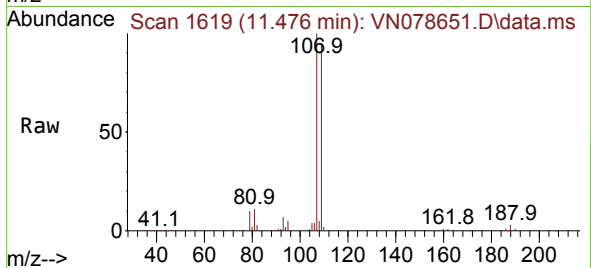




#61
1,2-Dibromoethane
Concen: 57.363 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

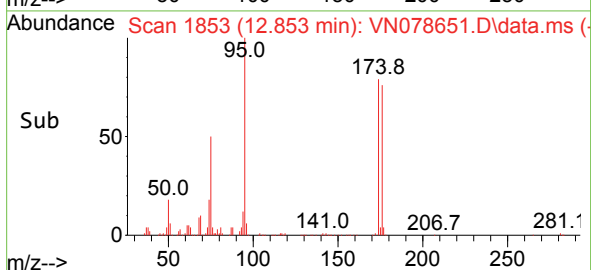
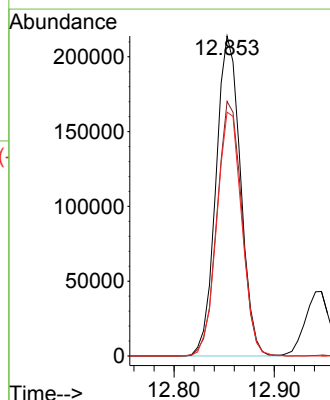
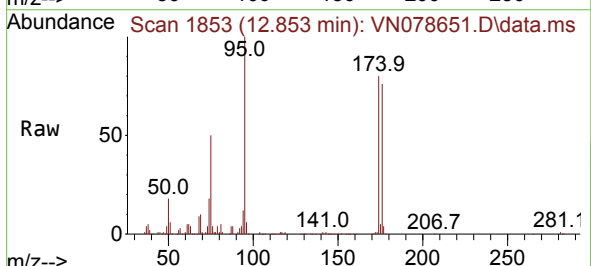
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

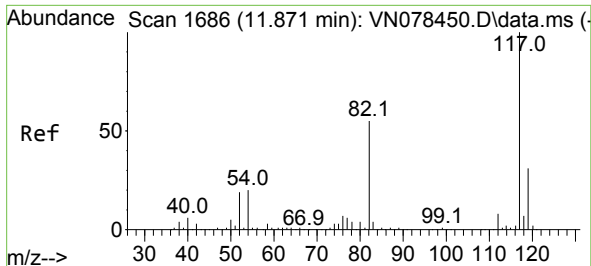
Tgt Ion:107 Resp: 339636
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 56.831 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 95 Resp: 363865
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.8
176 77.6 0.0 135.8

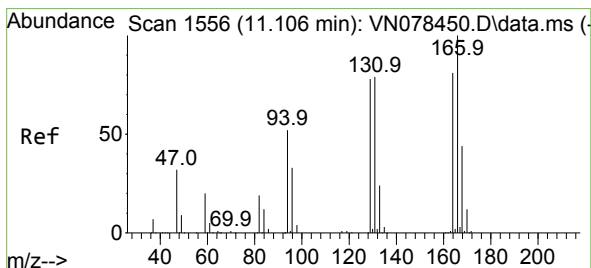
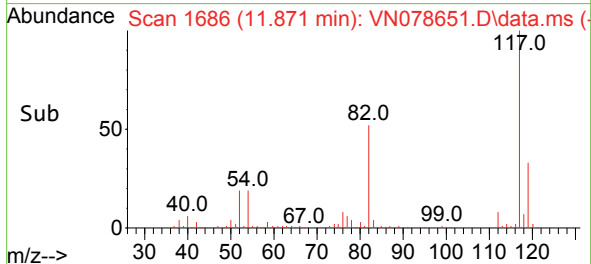
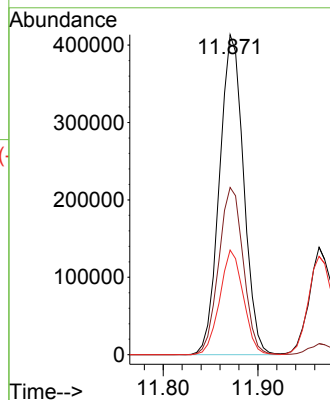
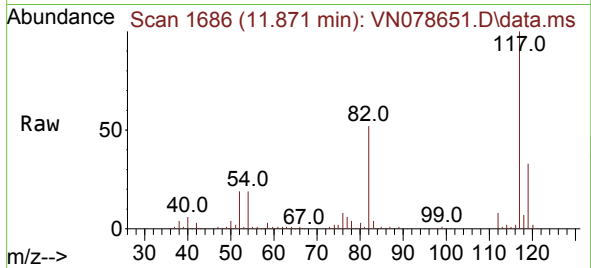




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

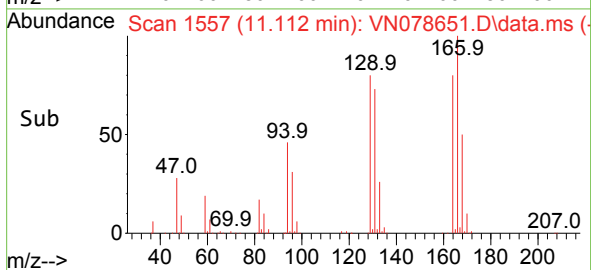
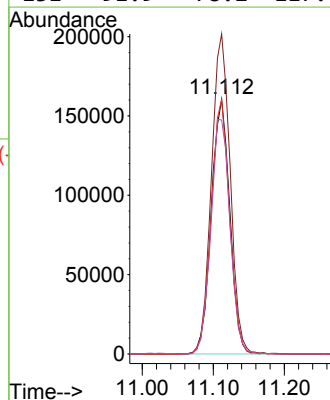
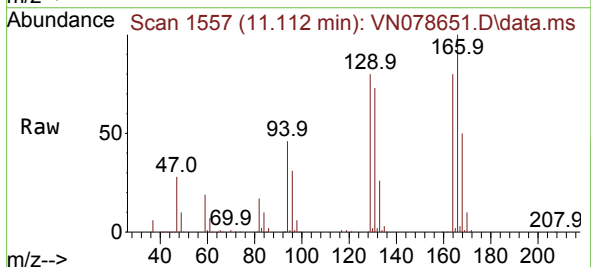
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

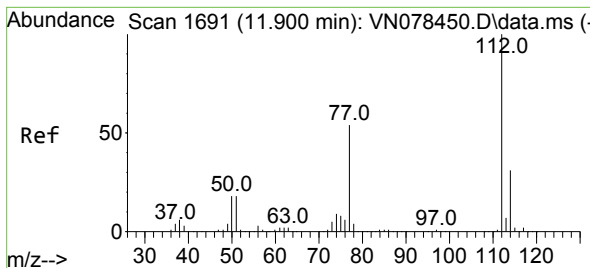
Tgt Ion:117 Resp: 732703
Ion Ratio Lower Upper
117 100
82 52.2 44.0 66.0
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 52.829 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion:164 Resp: 291018
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 100.0 82.4 123.6
131 91.9 78.2 117.4

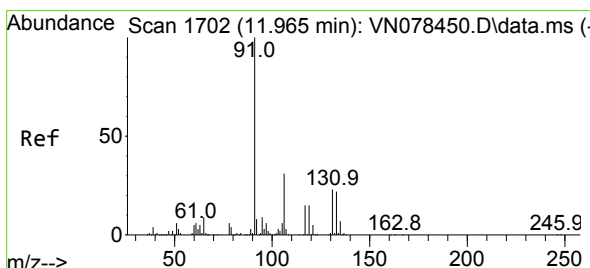
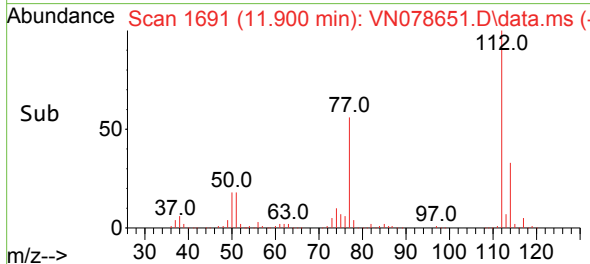
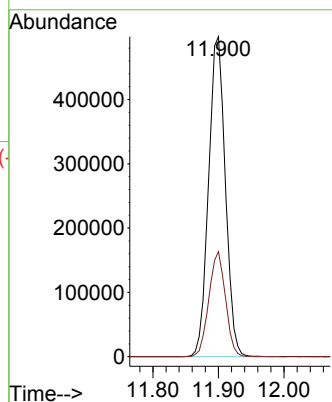
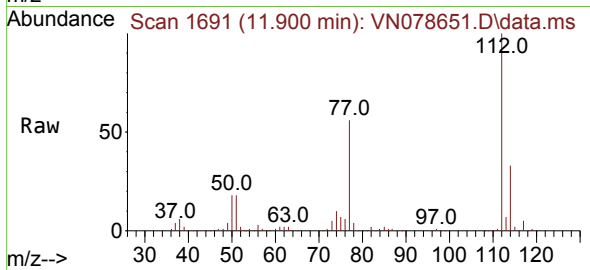




#65
Chlorobenzene
Concen: 54.030 ug/l
RT: 11.900 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

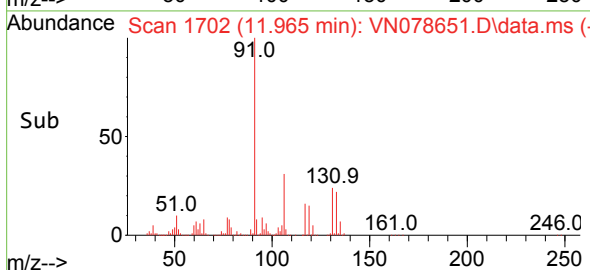
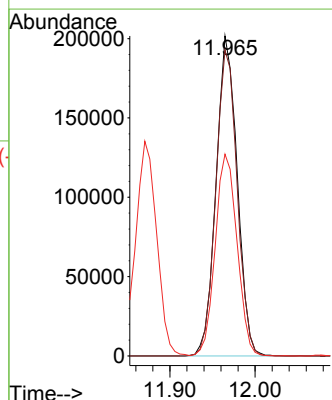
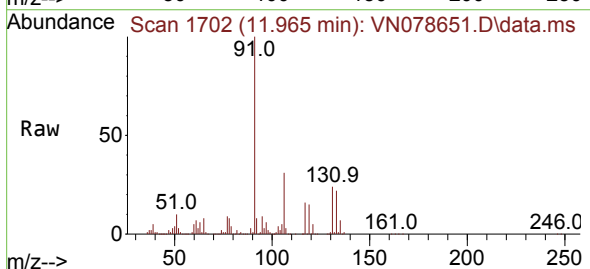
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

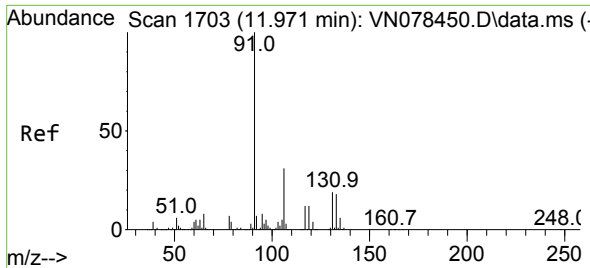
Tgt Ion:112 Resp: 884883
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.123 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion:131 Resp: 347302
Ion Ratio Lower Upper
131 100
133 96.7 46.4 139.1
119 65.3 34.1 102.2

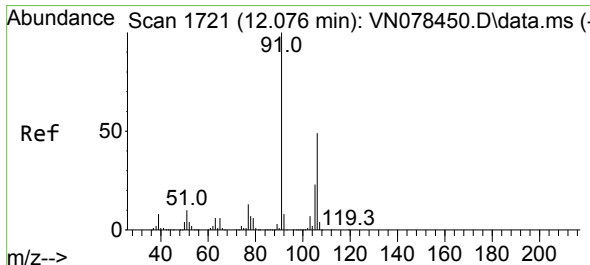
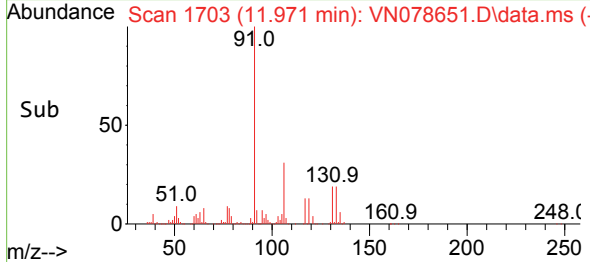
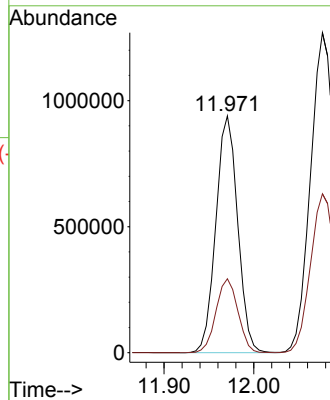
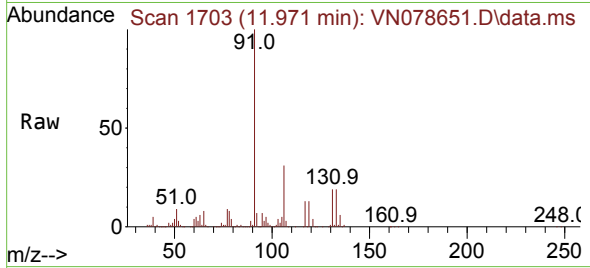




#67
Ethyl Benzene
Concen: 57.271 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

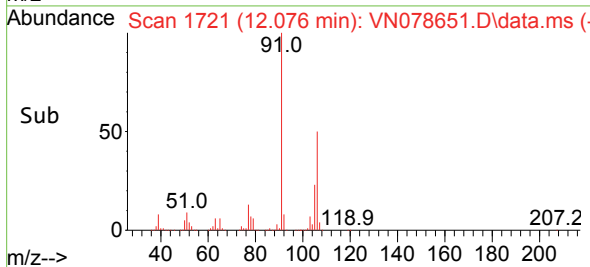
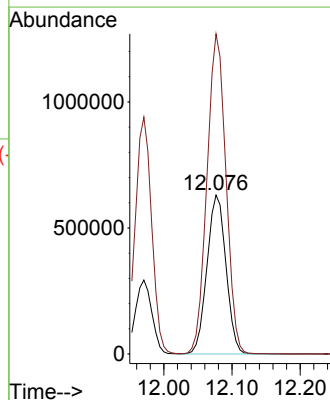
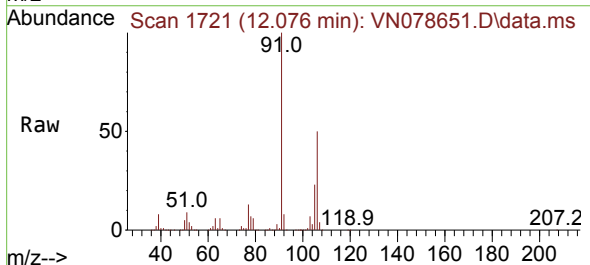
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

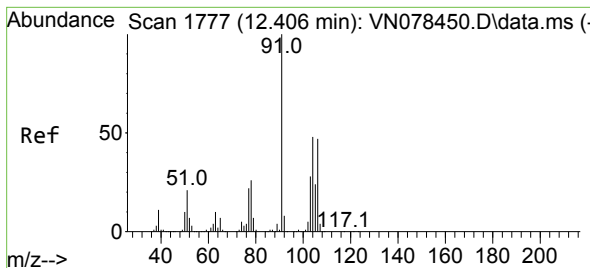
Tgt Ion: 91 Resp: 1585457
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 119.289 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion:106 Resp: 1220974
Ion Ratio Lower Upper
106 100
91 201.3 159.6 239.4





#69

o-Xylene

Concen: 56.653 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

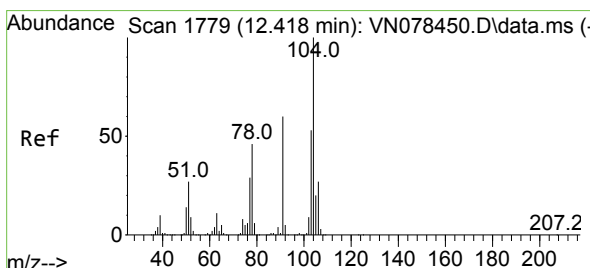
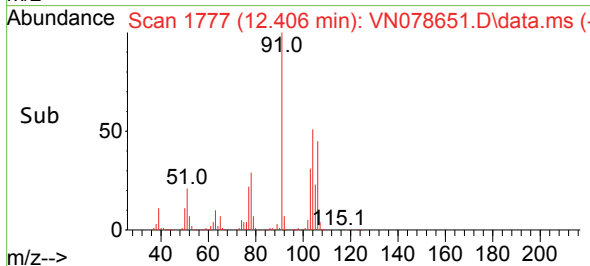
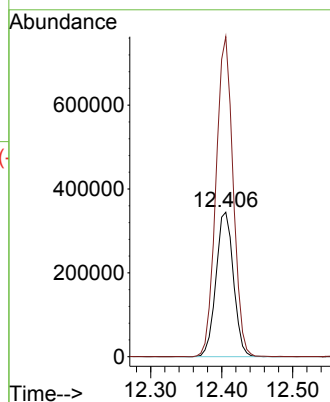
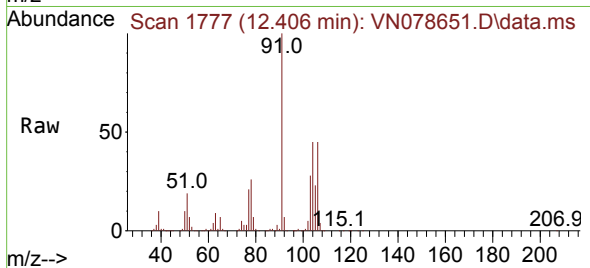
VSTDCCC050EC

Tgt Ion:106 Resp: 585698

Ion Ratio Lower Upper

106 100

91 217.8 105.2 315.5



#70

Styrene

Concen: 59.650 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

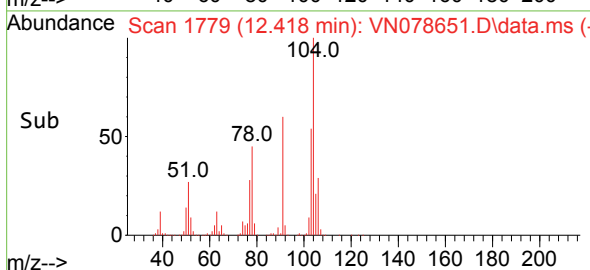
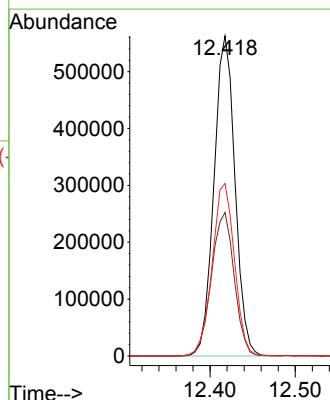
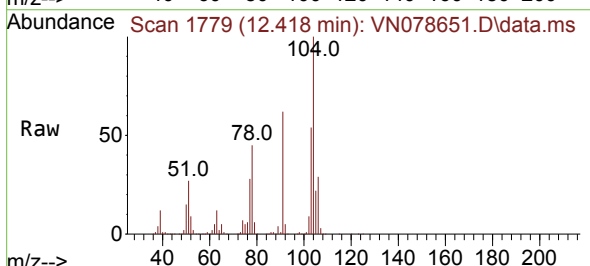
Tgt Ion:104 Resp: 964782

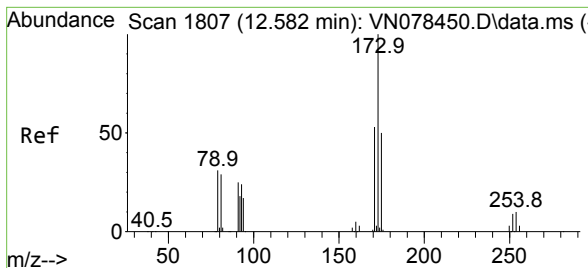
Ion Ratio Lower Upper

104 100

78 48.7 39.5 59.3

103 57.1 43.2 64.8





#71

Bromoform

Concen: 58.860 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

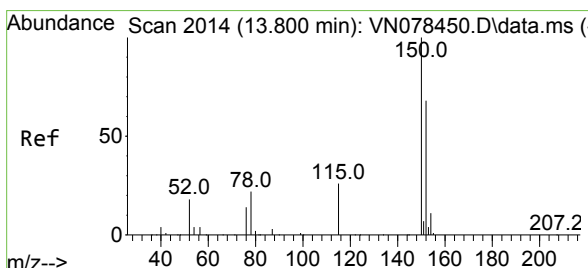
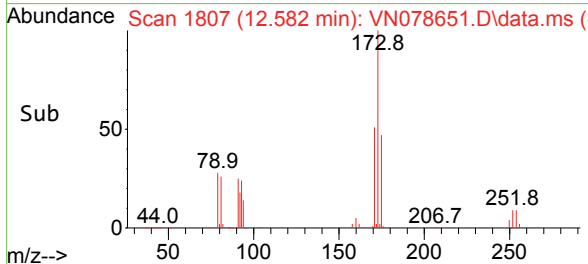
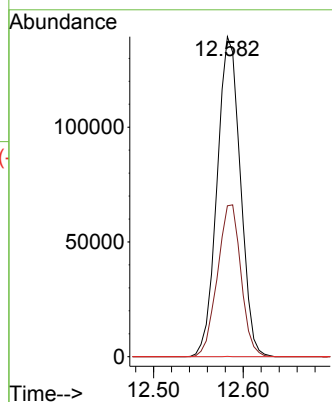
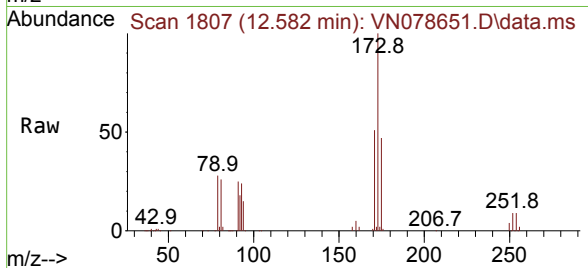
Tgt Ion:173 Resp: 251159

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

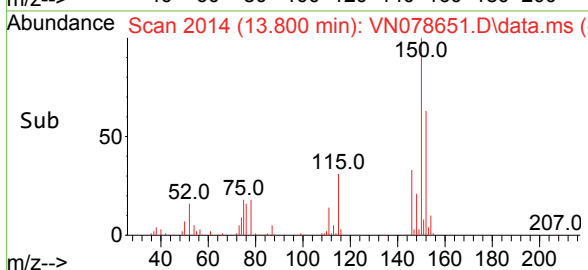
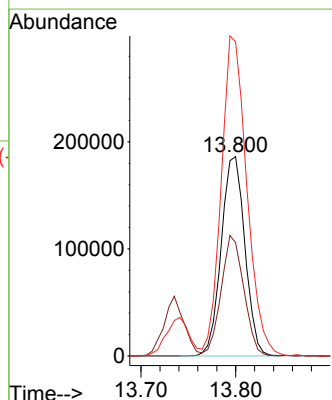
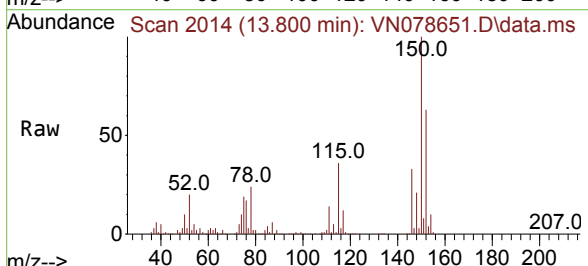
Tgt Ion:152 Resp: 323661

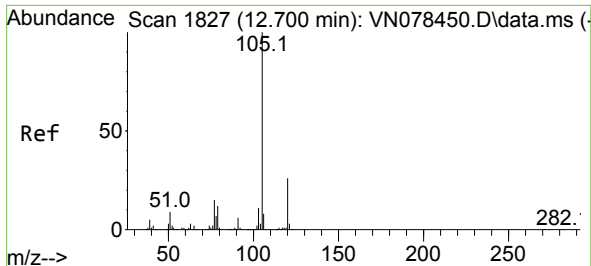
Ion Ratio Lower Upper

152 100

115 58.0 32.3 96.8

150 172.4 0.0 355.8

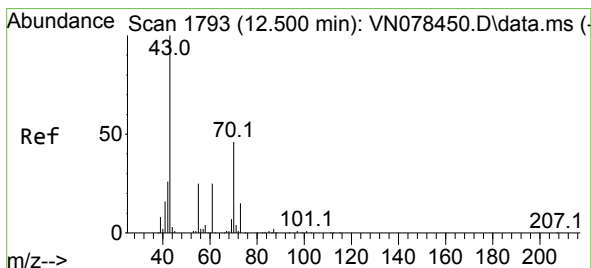
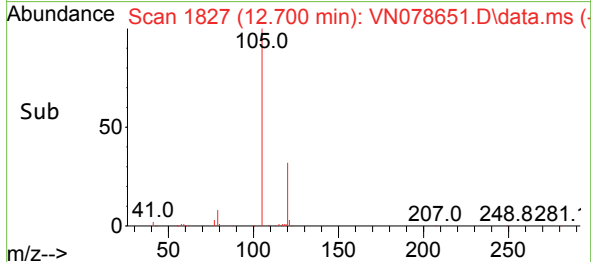
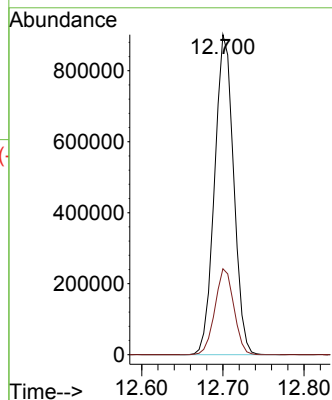
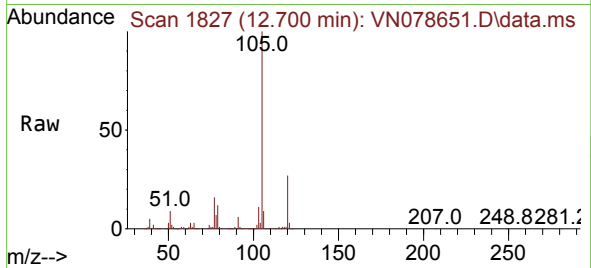




#73
Isopropylbenzene
Concen: 48.376 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

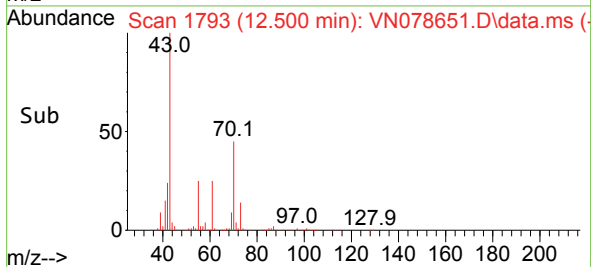
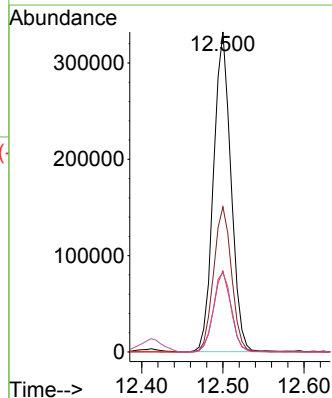
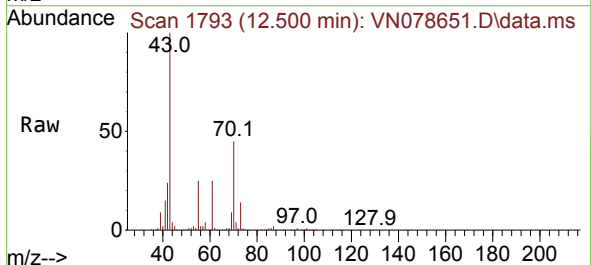
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

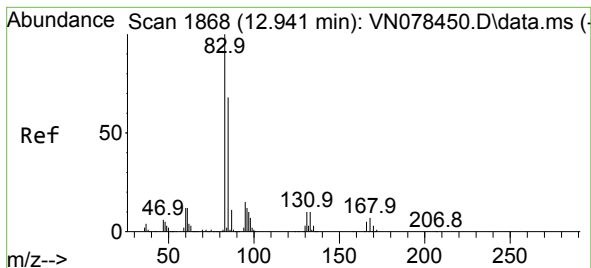
Tgt Ion:105 Resp: 1471230
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 47.291 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 43 Resp: 495643
Ion Ratio Lower Upper
43 100
70 46.7 43.4 65.2
55 25.6 21.4 32.0
61 25.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.610 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

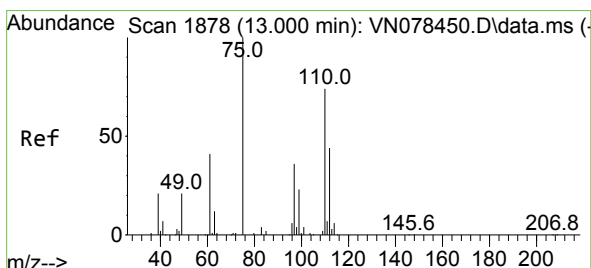
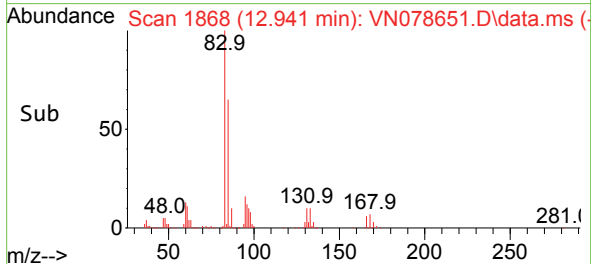
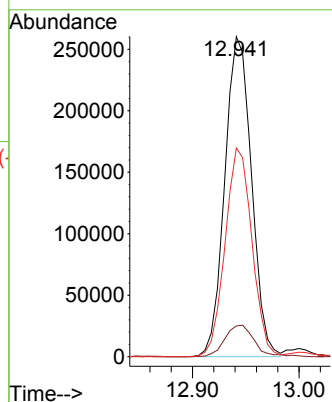
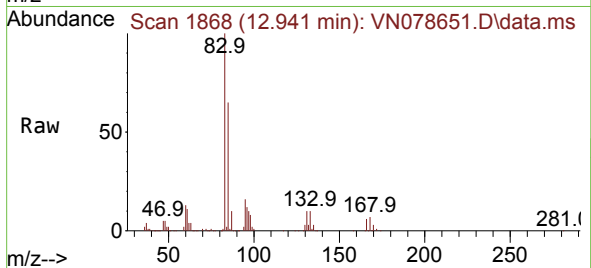
Tgt Ion: 83 Resp: 453482

Ion Ratio Lower Upper

83 100

131 10.8 5.0 15.0

85 65.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 68.754 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078651.D

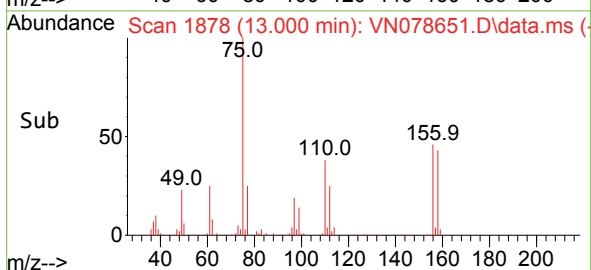
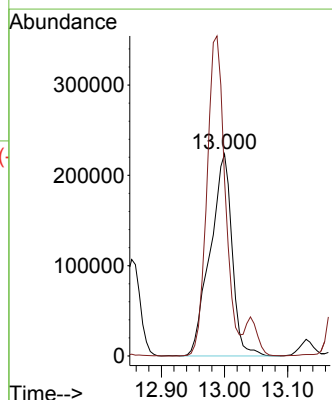
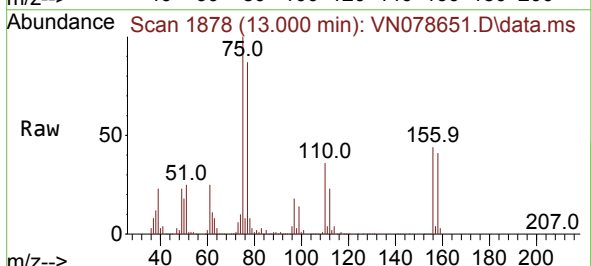
Acq: 25 Jul 2023 16:58

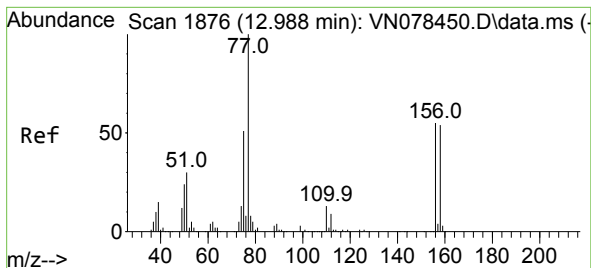
Tgt Ion: 75 Resp: 537881

Ion Ratio Lower Upper

75 100

77 131.1 84.5 253.5





#77

Bromobenzene

Concen: 54.427 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

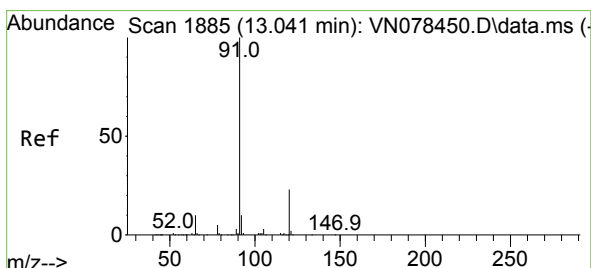
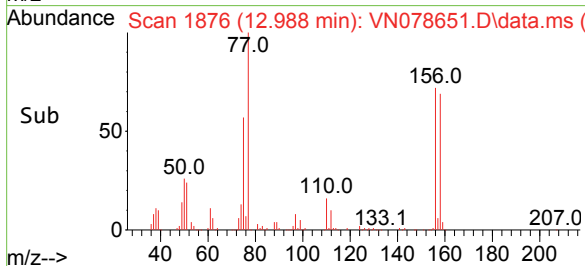
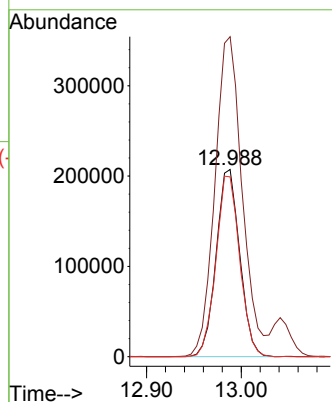
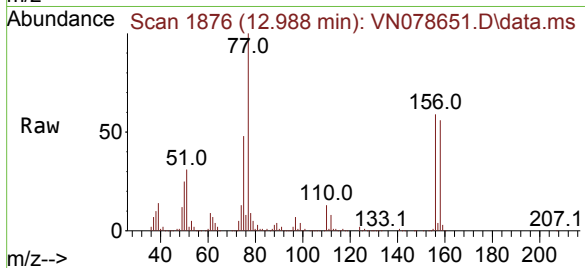
Tgt Ion:156 Resp: 359057

Ion Ratio Lower Upper

156 100

77 196.3 107.7 323.3

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 50.798 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078651.D

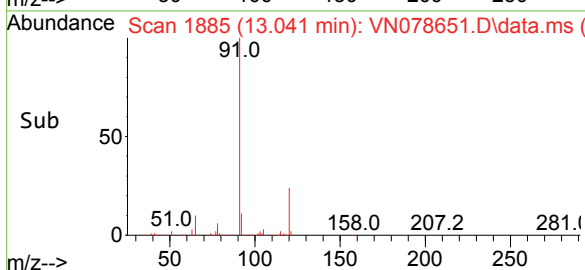
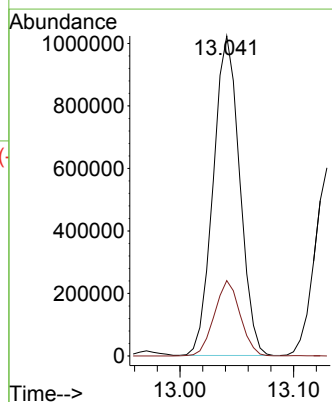
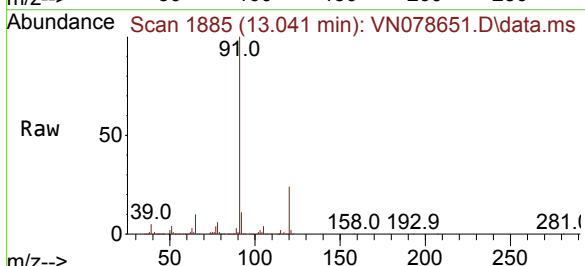
Acq: 25 Jul 2023 16:58

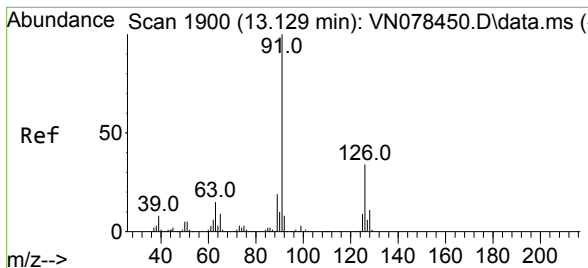
Tgt Ion: 91 Resp: 1652194

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.338 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

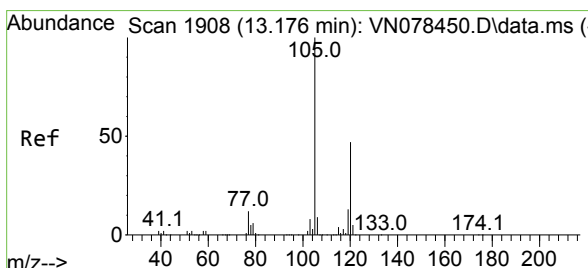
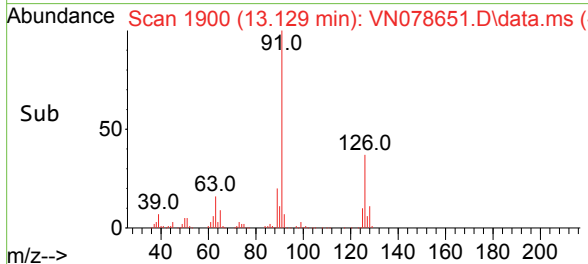
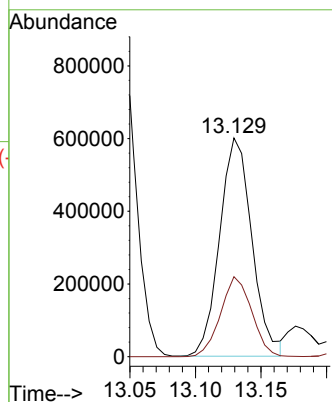
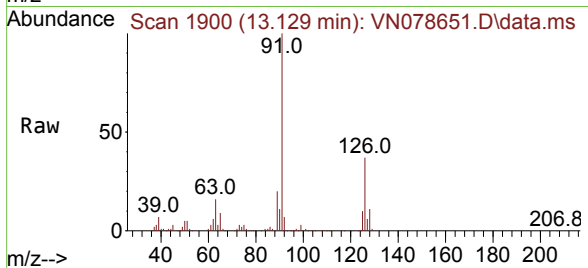
VSTDCCC050EC

Tgt Ion: 91 Resp: 1029795

Ion Ratio Lower Upper

91 100

126 35.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.446 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078651.D

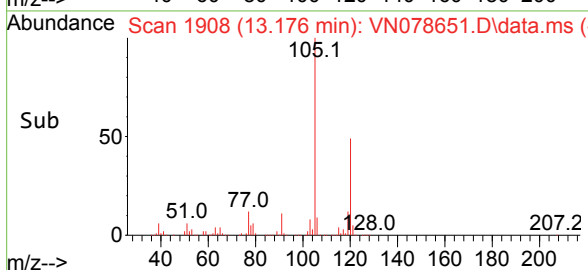
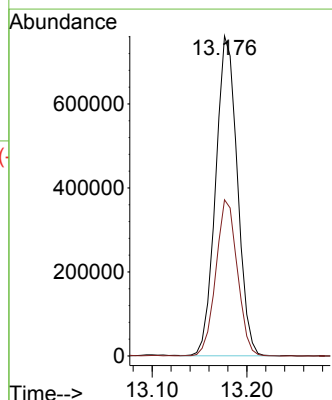
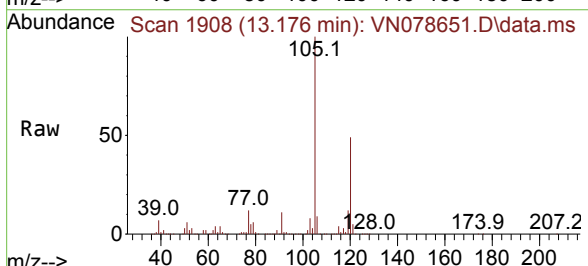
Acq: 25 Jul 2023 16:58

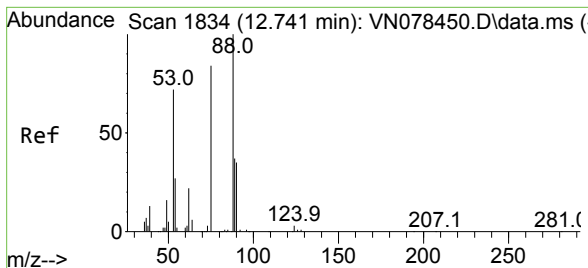
Tgt Ion:105 Resp: 1212195

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3

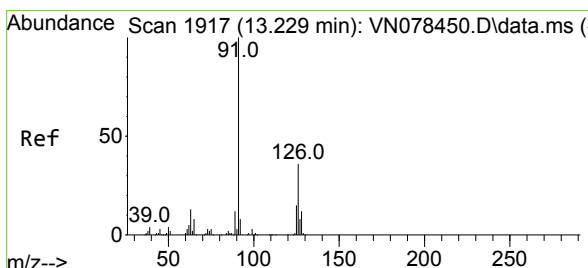
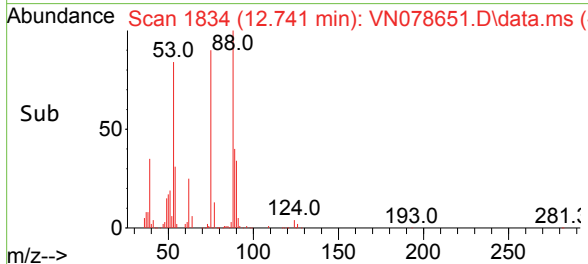
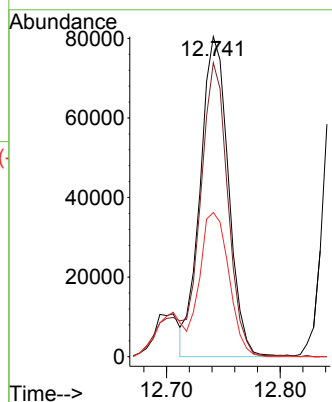
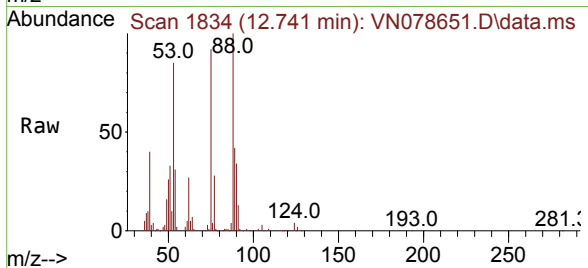




#81
trans-1,4-Dichloro-2-butene
Concen: 46.537 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

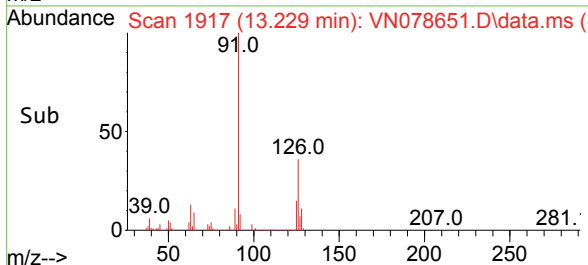
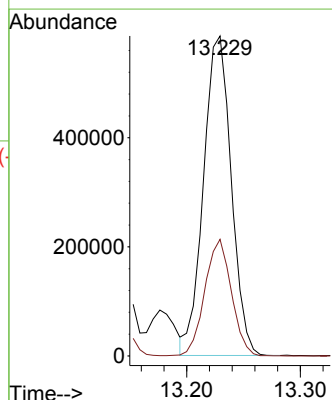
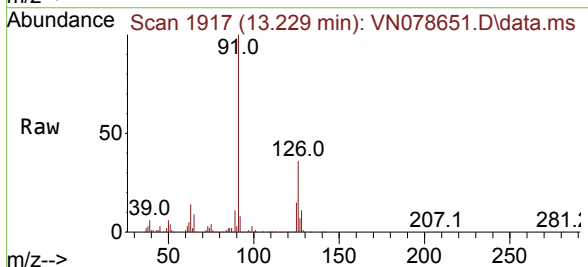
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

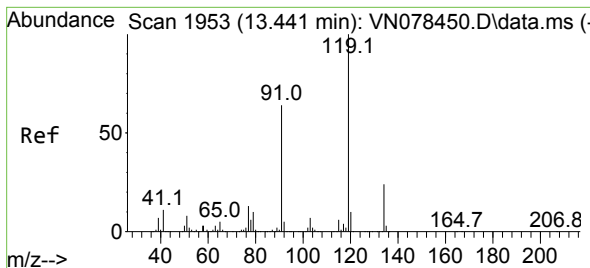
Tgt Ion: 75 Resp: 138545
Ion Ratio Lower Upper
75 100
53 100.2 67.4 101.2
89 46.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.041 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 91 Resp: 994513
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0

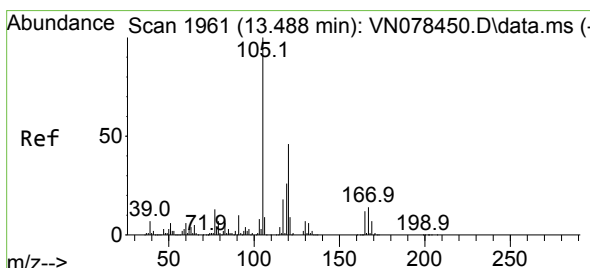
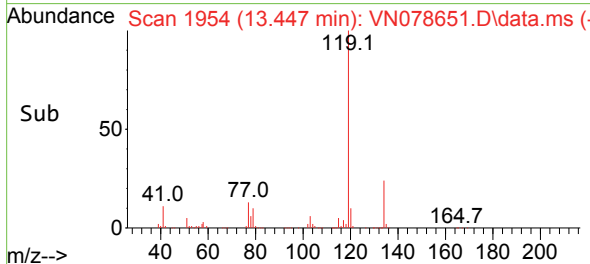
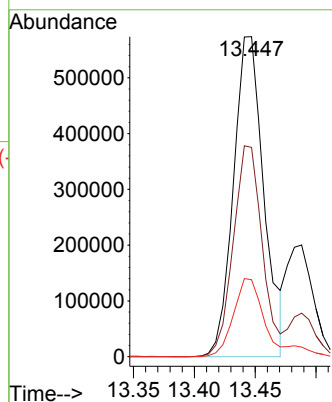
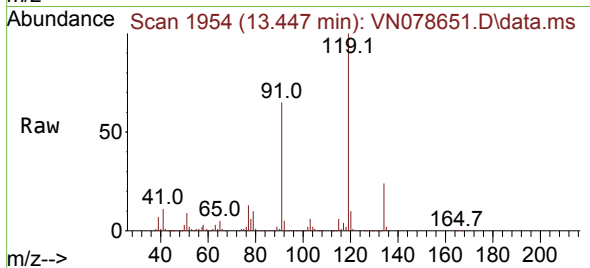




#83
tert-Butylbenzene
Concen: 48.917 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

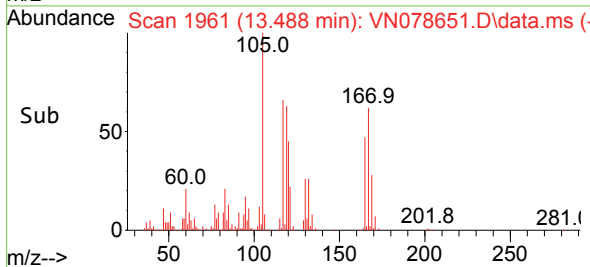
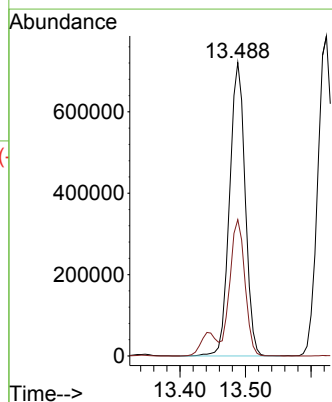
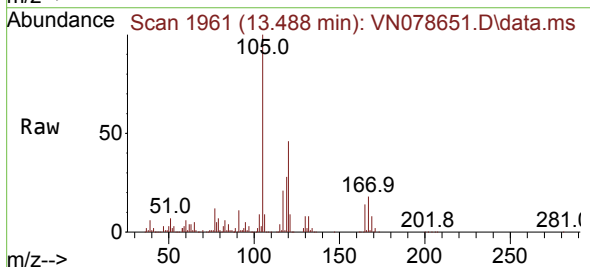
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

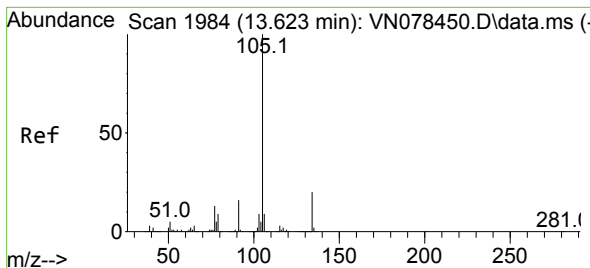
Tgt Ion:119 Resp: 997984
Ion Ratio Lower Upper
119 100
91 62.8 33.9 101.7
134 26.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 51.028 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion:105 Resp: 1191042
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 49.561 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

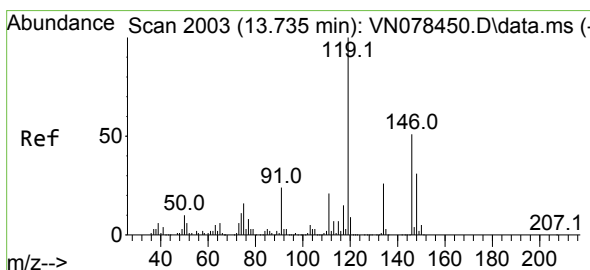
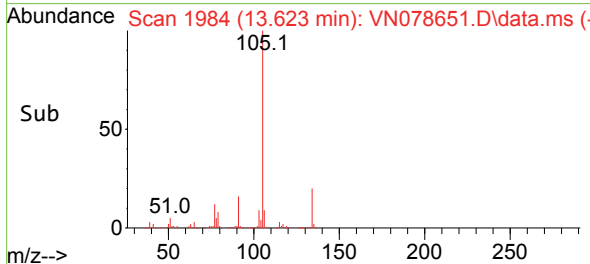
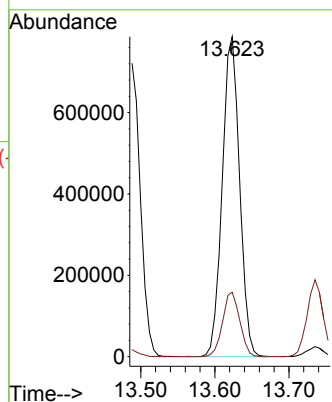
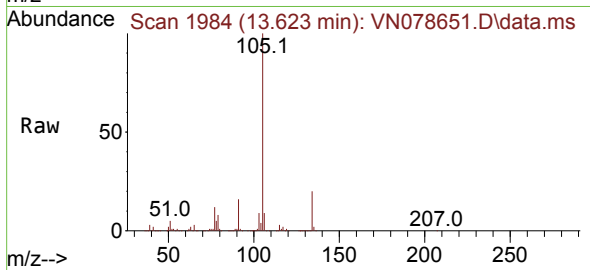
VSTDCCC050EC

Tgt Ion:105 Resp: 1278042

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.833 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

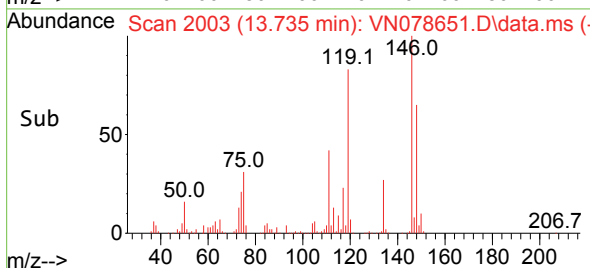
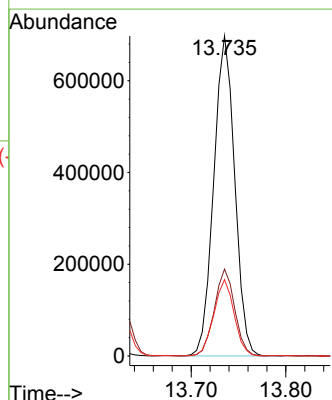
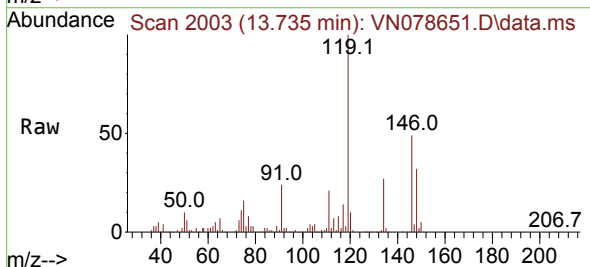
Tgt Ion:119 Resp: 1073264

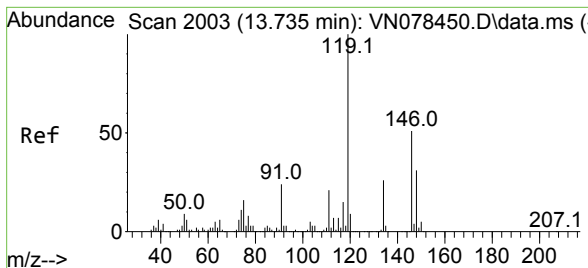
Ion Ratio Lower Upper

119 100

134 26.4 12.6 37.8

91 23.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.620 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

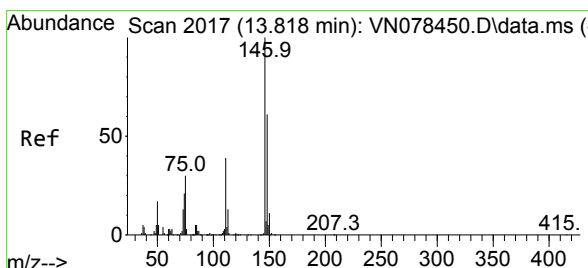
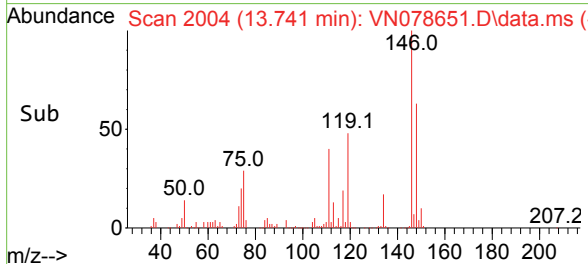
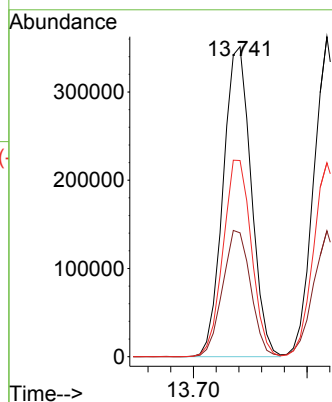
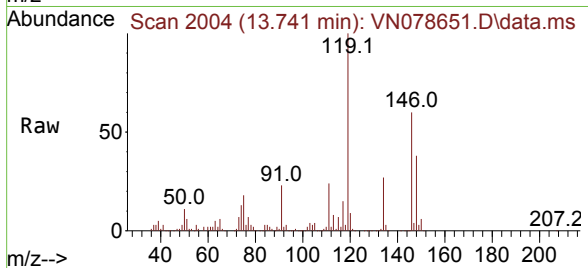
Tgt Ion:146 Resp: 602677

Ion Ratio Lower Upper

146 100

111 40.8 22.1 66.3

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 50.413 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

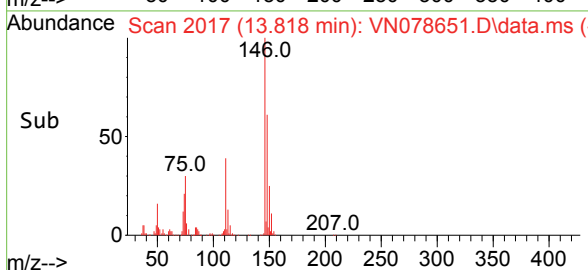
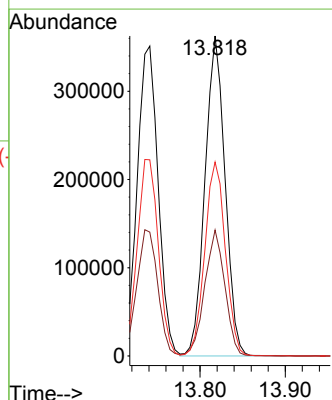
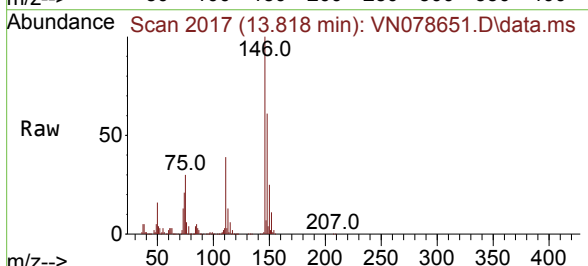
Tgt Ion:146 Resp: 592846

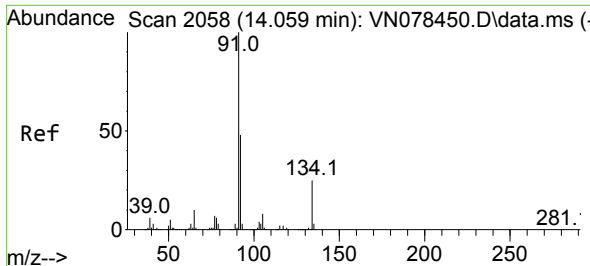
Ion Ratio Lower Upper

146 100

111 39.4 20.6 61.8

148 62.3 31.6 94.8

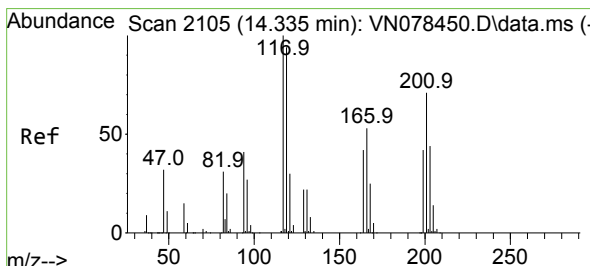
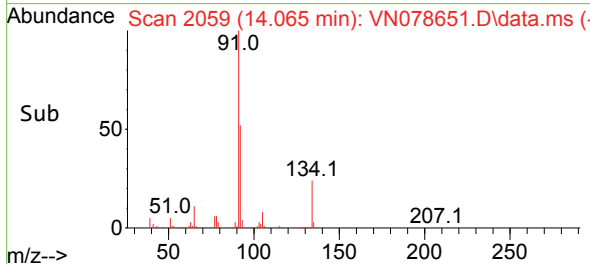
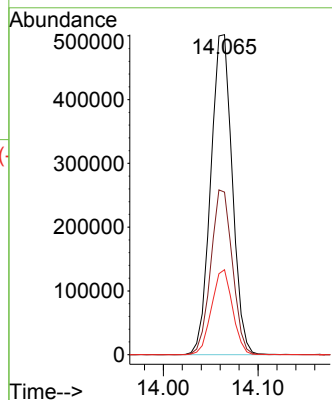
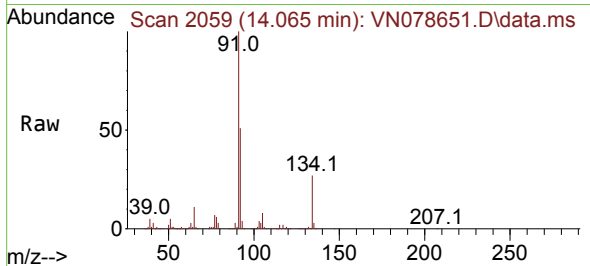




#89
n-Butylbenzene
Concen: 53.539 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

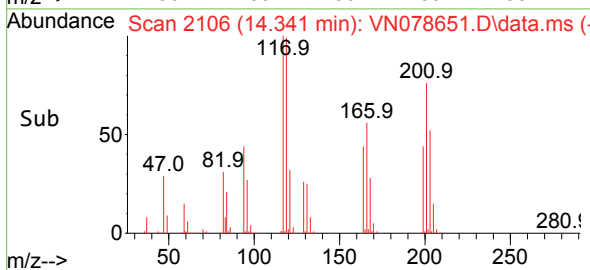
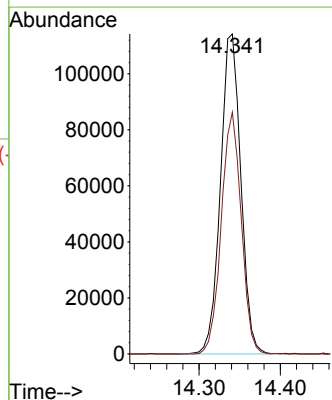
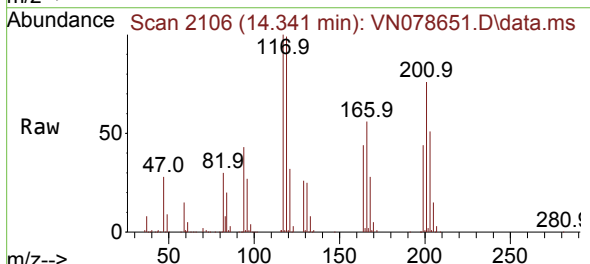
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

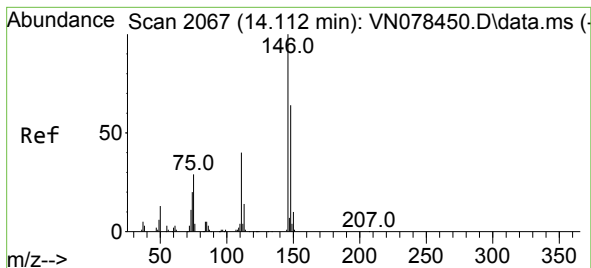
Tgt Ion: 91 Resp: 793203
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 25.9 12.6 37.6



#90
Hexachloroethane
Concen: 52.451 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion: 117 Resp: 199467
Ion Ratio Lower Upper
117 100
201 73.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 50.512 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

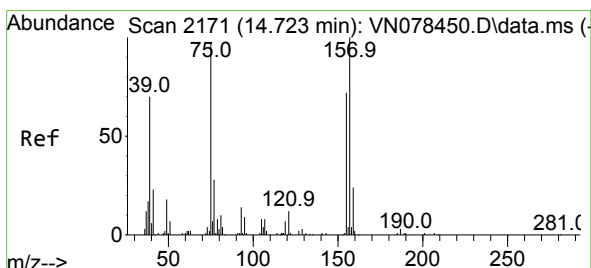
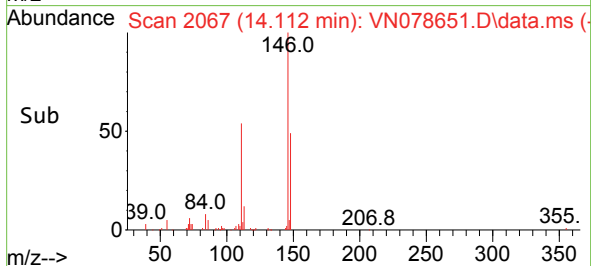
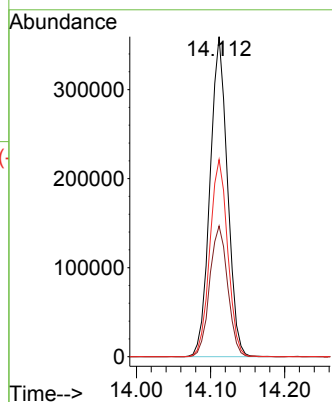
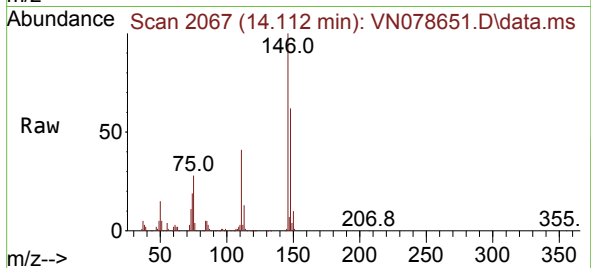
Tgt Ion:146 Resp: 586893

Ion Ratio Lower Upper

146 100

111 42.1 22.0 66.0

148 63.2 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.613 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078651.D

Acq: 25 Jul 2023 16:58

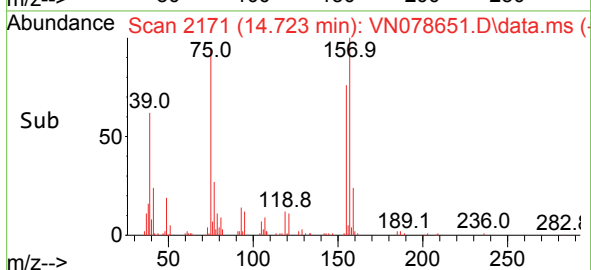
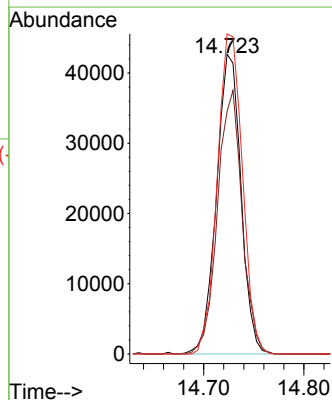
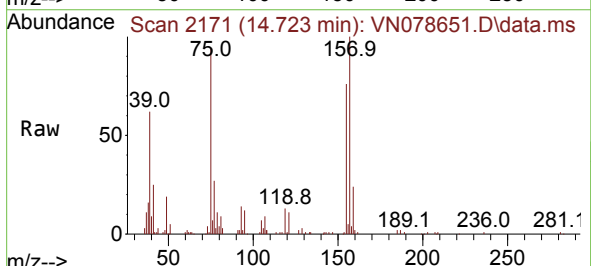
Tgt Ion: 75 Resp: 72255

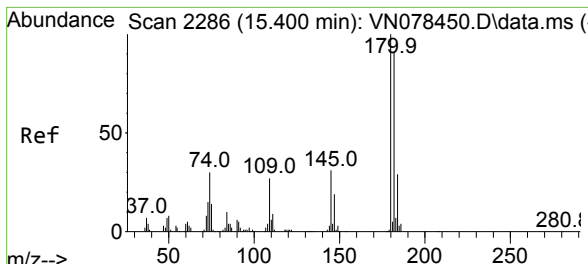
Ion Ratio Lower Upper

75 100

155 88.1 39.1 117.2

157 110.0 50.3 150.9

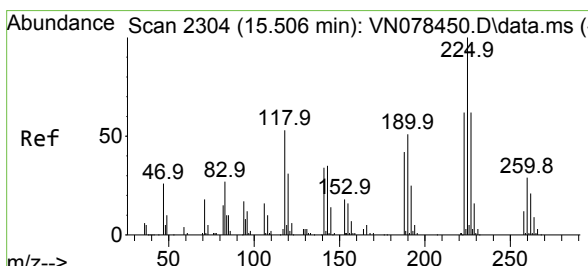
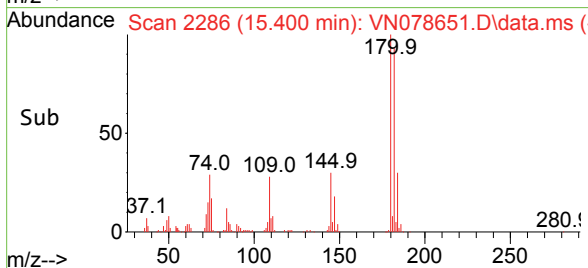
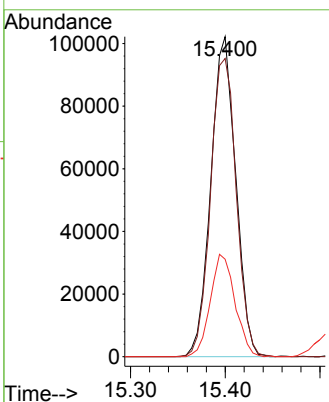
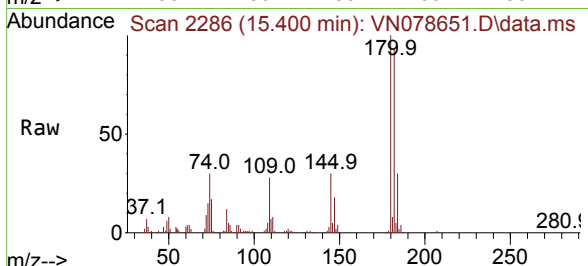




#93
 1,2,4-Trichlorobenzene
 Concen: 50.344 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078651.D
 Acq: 25 Jul 2023 16:58

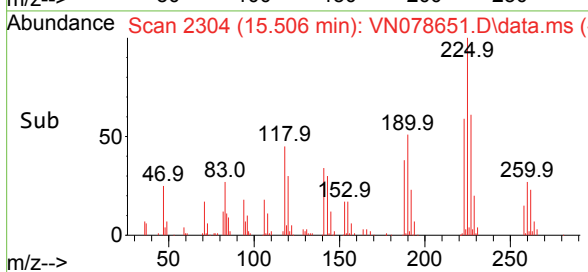
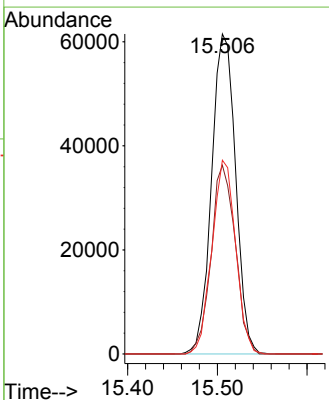
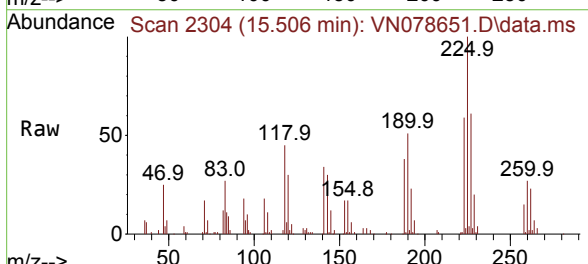
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

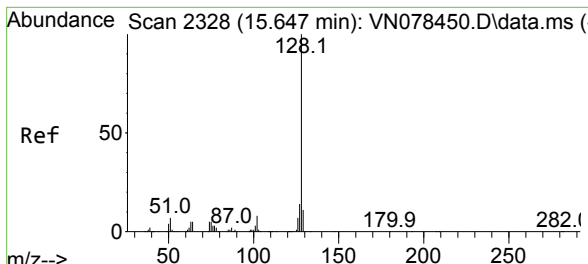
Tgt Ion:	180	Resp:	186688
Ion Ratio	Lower	Upper	
180	100		
182	96.4	46.1	138.2
145	31.7	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 60.387 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078651.D
 Acq: 25 Jul 2023 16:58

Tgt Ion:	225	Resp:	114192
Ion Ratio	Lower	Upper	
225	100		
223	59.4	31.3	93.8
227	59.9	31.9	95.9

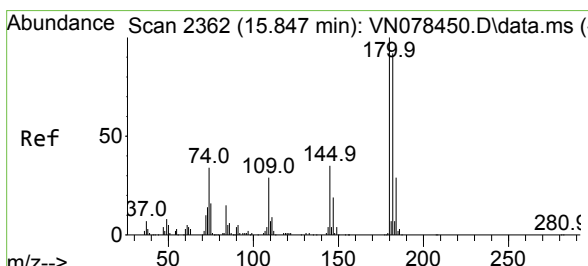
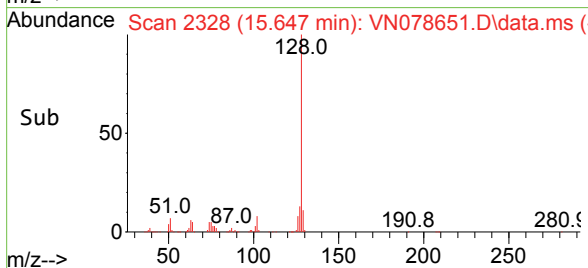
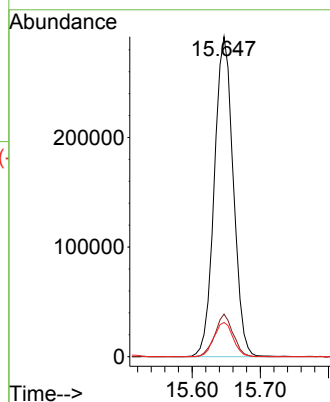
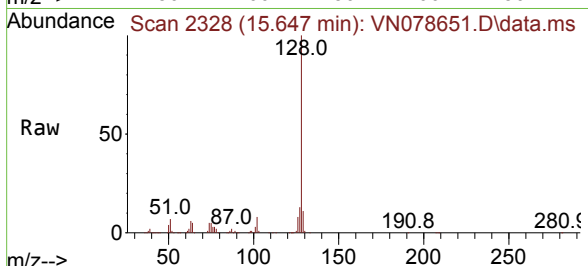




#95
Naphthalene
Concen: 44.533 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	564554
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.337 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078651.D
Acq: 25 Jul 2023 16:58

Tgt Ion:	180	Resp:	206104
Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.2	138.6
145	34.5	17.5	52.6

