

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078891.D
 Acq On : 16 Aug 2023 09:58
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 17 01:11:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	179938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	291110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	139363	49.773	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.540%
35) Dibromofluoromethane	8.171	113	106367	50.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.120%
50) Toluene-d8	10.571	98	417381	53.436	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.880%
62) 4-Bromofluorobenzene	12.853	95	139398	54.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	106803	42.777	ug/l	98
3) Chloromethane	2.365	50	142002	40.736	ug/l	96
4) Vinyl Chloride	2.512	62	135876	44.446	ug/l	95
5) Bromomethane	2.942	94	83926	47.815	ug/l	94
6) Chloroethane	3.112	64	92370	43.221	ug/l	99
7) Trichlorofluoromethane	3.495	101	164164	44.088	ug/l	99
8) Diethyl Ether	3.965	74	63839	45.224	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	91340	46.058	ug/l	99
10) Methyl Iodide	4.589	142	98395	44.346	ug/l	99
11) Tert butyl alcohol	5.524	59	100698	214.323	ug/l	99
12) 1,1-Dichloroethene	4.342	96	85449	44.233	ug/l	86
13) Acrolein	4.177	56	57355	220.128	ug/l	98
14) Allyl chloride	5.024	41	178163	46.339	ug/l #	88
15) Acrylonitrile	5.724	53	285432	224.250	ug/l	98
16) Acetone	4.436	43	266162	230.380	ug/l #	88
17) Carbon Disulfide	4.712	76	233983	43.271	ug/l	97
18) Methyl Acetate	5.030	43	214730	43.997	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	320735	46.092	ug/l	93
20) Methylene Chloride	5.277	84	109637	44.531	ug/l #	76
21) trans-1,2-Dichloroethene	5.789	96	99563	45.962	ug/l	91
22) Diisopropyl ether	6.677	45	380452	46.775	ug/l #	88
23) Vinyl Acetate	6.612	43	1227683	229.235	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	205312	46.206	ug/l	98
25) 2-Butanone	7.489	43	414287	223.662	ug/l #	78
26) 2,2-Dichloropropane	7.489	77	163459	45.510	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	117483	44.621	ug/l	82
28) Bromochloromethane	7.818	49	120179	50.986	ug/l #	69
29) Tetrahydrofuran	7.841	42	285038	232.490	ug/l #	70
30) Chloroform	7.971	83	209253	47.137	ug/l	97
31) Cyclohexane	8.265	56	164619	46.984	ug/l #	80
32) 1,1,1-Trichloroethane	8.177	97	177006	46.763	ug/l #	94
36) 1,1-Dichloropropene	8.377	75	155701	49.205	ug/l	94
37) Ethyl Acetate	7.565	43	176241	49.779	ug/l #	88
38) Carbon Tetrachloride	8.365	117	151599	47.814	ug/l	98
39) Methylcyclohexane	9.606	83	136389	46.865	ug/l #	86
40) Benzene	8.612	78	452708	48.402	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	88690	45.995	ug/l #	79
42) 1,2-Dichloroethane	8.671	62	165601	47.392	ug/l	98
43) Isopropyl Acetate	8.694	43	281362	44.962	ug/l #	87
44) Trichloroethene	9.353	130	104008	46.800	ug/l	100
45) 1,2-Dichloropropane	9.624	63	121393	48.748	ug/l	99
46) Dibromomethane	9.712	93	81930	47.968	ug/l	98
47) Bromodichloromethane	9.888	83	164829	48.871	ug/l	95
48) Methyl methacrylate	9.688	41	134799	47.537	ug/l #	75
49) 1,4-Dioxane	9.700	88	44999	931.652	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	890207	239.852	ug/l #	85
52) Toluene	10.635	92	281337	48.992	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	181154	50.085	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	189371	48.073	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	112846	49.010	ug/l	96
56) Ethyl methacrylate	10.877	69	177616	49.763	ug/l #	73
57) 1,3-Dichloropropane	11.171	76	198595	48.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	428153	249.899	ug/l #	88
59) 2-Hexanone	11.200	43	650642	242.034	ug/l	83
60) Dibromochloromethane	11.106	129	81015	33.436	ug/l #	11
61) 1,2-Dibromoethane	11.477	107	111112	47.487	ug/l	100
64) Tetrachloroethene	11.106	164	79520	43.558	ug/l	98
65) Chlorobenzene	11.894	112	292682	47.232	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	109251	46.652	ug/l	98
67) Ethyl Benzene	11.965	91	529812	47.016	ug/l	97
68) m/p-Xylenes	12.077	106	407428	96.703	ug/l	98
69) o-Xylene	12.400	106	197136	48.100	ug/l	96
70) Styrene	12.418	104	335595	49.107	ug/l	98
71) Bromoform	12.582	173	82715	48.584	ug/l #	99
73) Isopropylbenzene	12.700	105	490051	45.156	ug/l	100
74) N-amyl acetate	12.500	43	243024	44.364	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	174187	44.452	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	213914	68.211	ug/l	67
77) Bromobenzene	12.982	156	117812	45.163	ug/l	96
78) n-propylbenzene	13.041	91	586156	46.578	ug/l	97
79) 2-Chlorotoluene	13.129	91	354427	45.402	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	402120	46.757	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	55341	45.079	ug/l #	79
82) 4-Chlorotoluene	13.224	91	349739	45.787	ug/l	99
83) tert-Butylbenzene	13.441	119	329936	45.660	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	403037	47.329	ug/l	98
85) sec-Butylbenzene	13.618	105	455057	45.760	ug/l	100
86) p-Isopropyltoluene	13.735	119	376755	47.420	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	210455	46.885	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	212323	47.258	ug/l	98
89) n-Butylbenzene	14.059	91	308808	47.230	ug/l	98
90) Hexachloroethane	14.335	117	72619	45.597	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	207541	46.493	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30700	47.127	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	72391	45.745	ug/l	98
94) Hexachlorobutadiene	15.506	225	33948	39.887	ug/l	98
95) Naphthalene	15.647	128	241758	40.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	78169	45.101	ug/l	97

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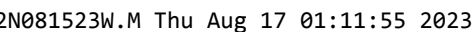
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

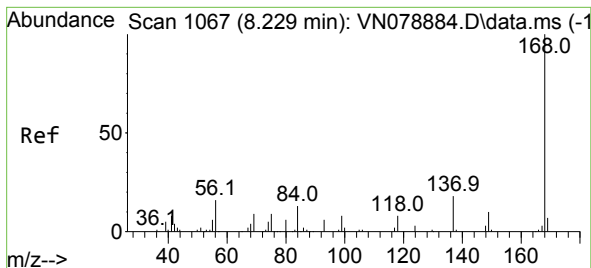
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QLast Update : Wed Aug 16 02:42:02 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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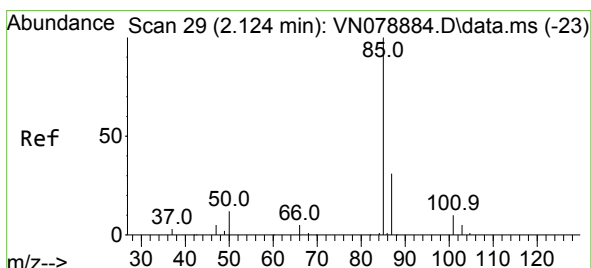
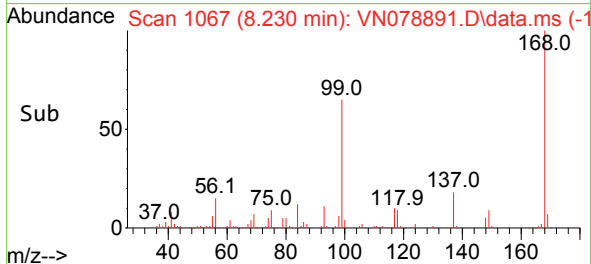
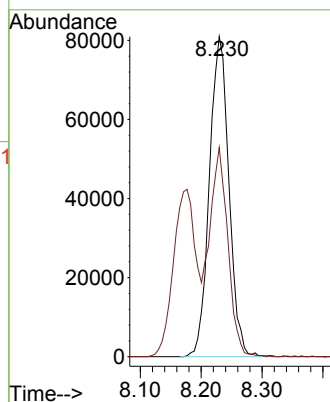
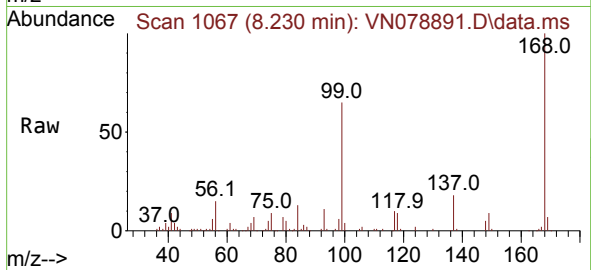




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078891.D
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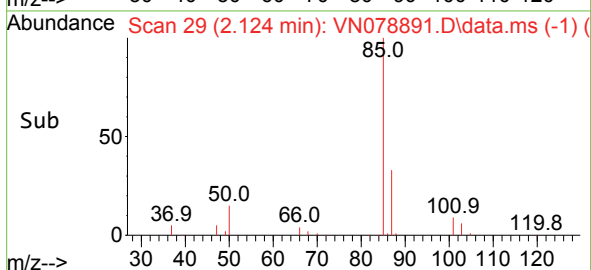
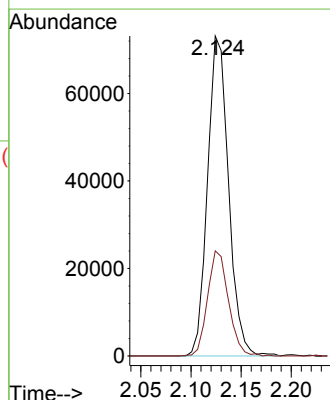
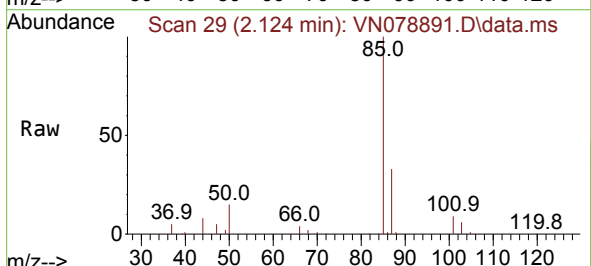
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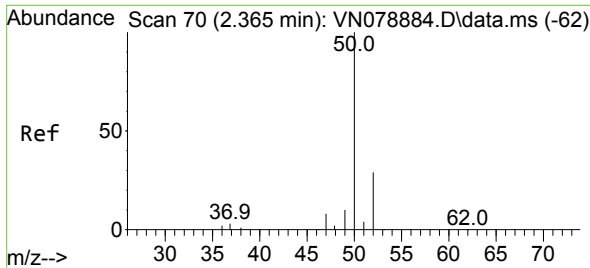
Tgt Ion:168 Resp: 179938
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 42.777 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 85 Resp: 106803
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4

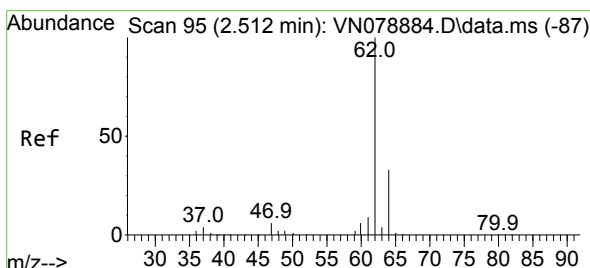
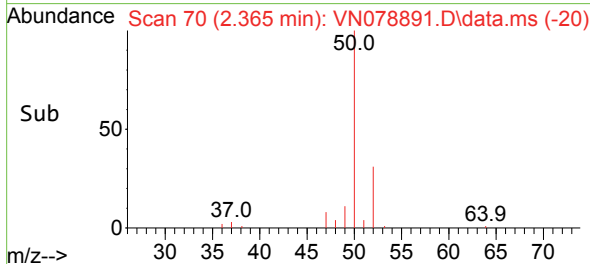
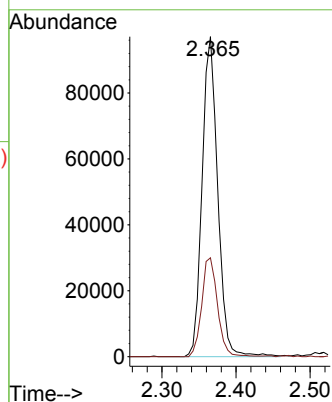
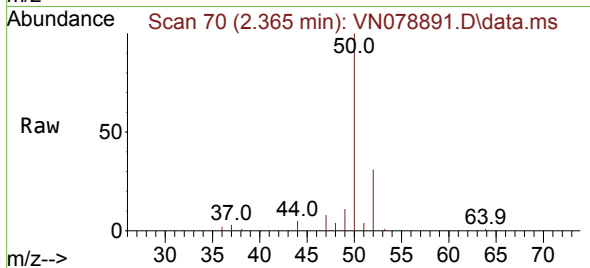




#3
Chloromethane
Concen: 40.736 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

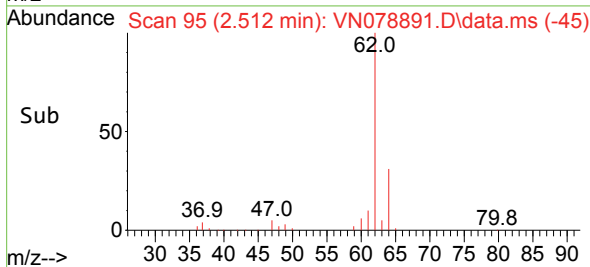
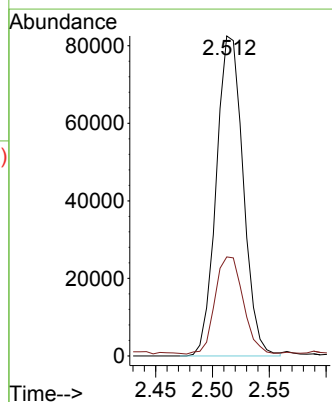
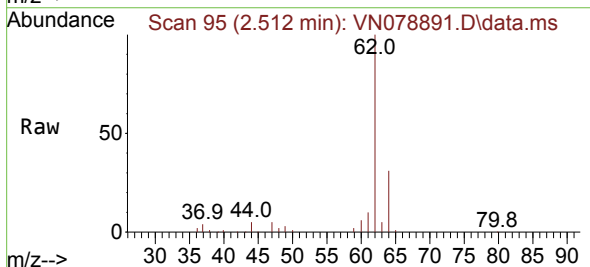
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ClientSampleId :
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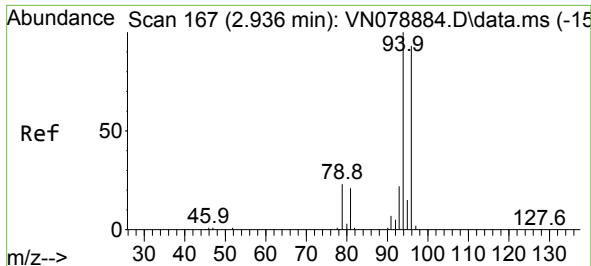
Tgt Ion: 50 Resp: 142002
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7



#4
Vinyl Chloride
Concen: 44.446 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 62 Resp: 135876
Ion Ratio Lower Upper
62 100
64 30.1 26.2 39.2

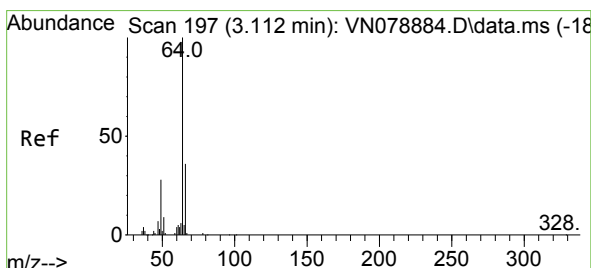
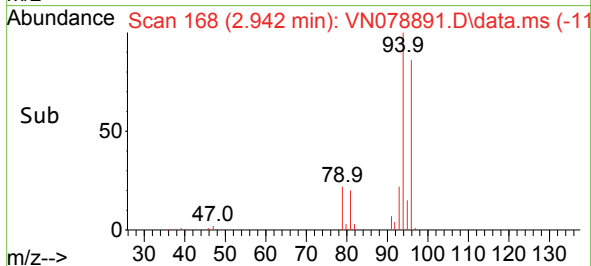
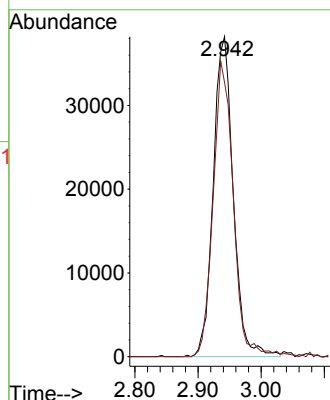
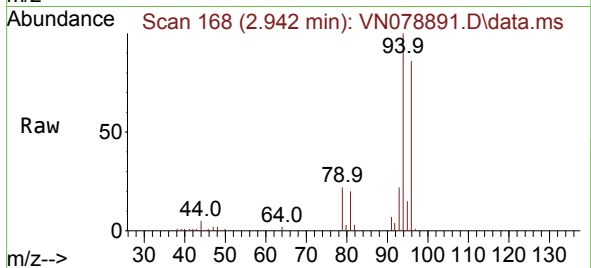




#5
Bromomethane
Concen: 47.815 ug/l
RT: 2.942 min Scan# 167
Delta R.T. -0.006 min
Lab File: VN078891.D
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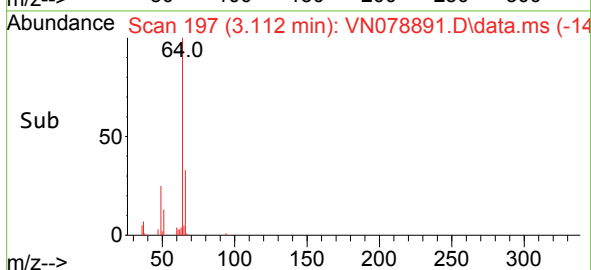
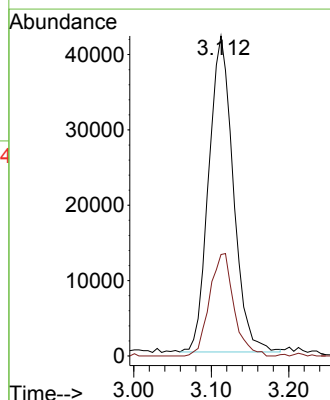
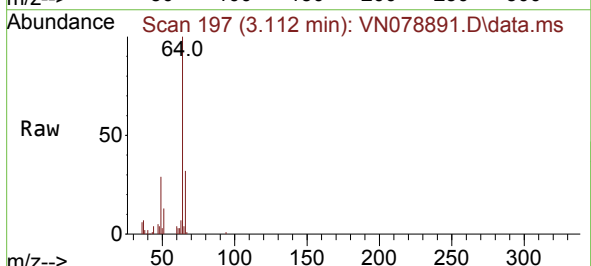
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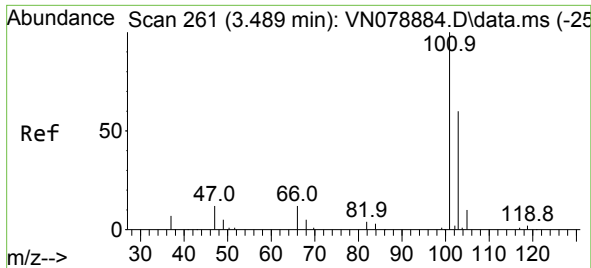
Tgt Ion: 94 Resp: 83926
Ion Ratio Lower Upper
94 100
96 85.8 73.1 109.7



#6
Chloroethane
Concen: 43.221 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 64 Resp: 92370
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2

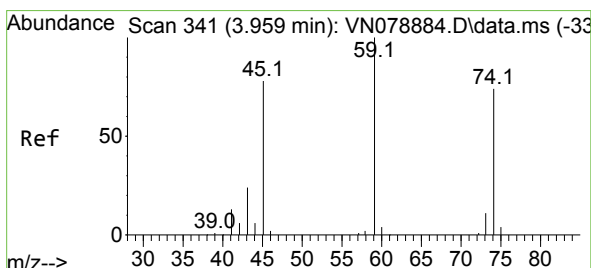
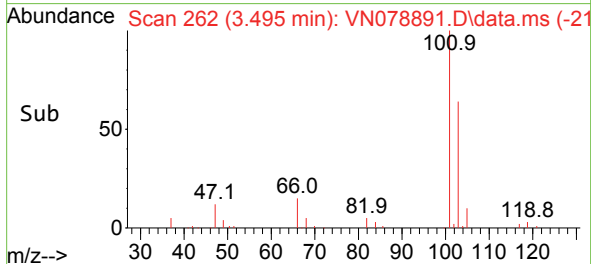
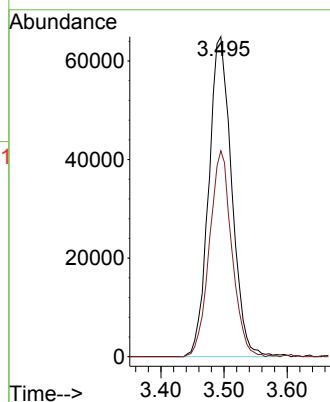
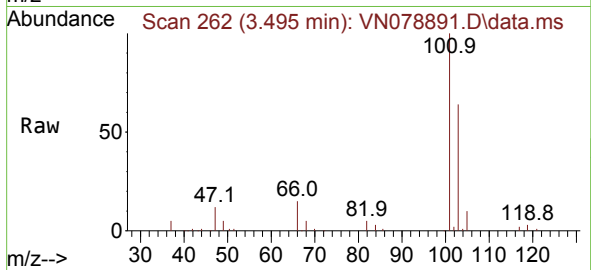




#7
 Trichlorofluoromethane
 Concen: 44.088 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

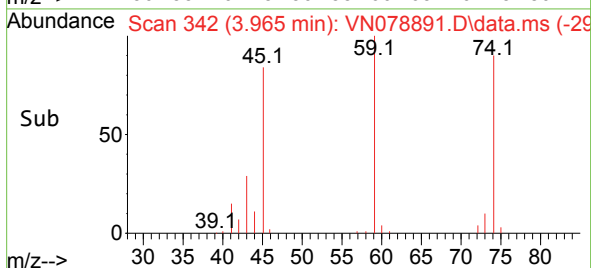
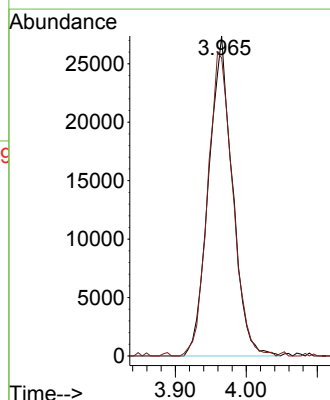
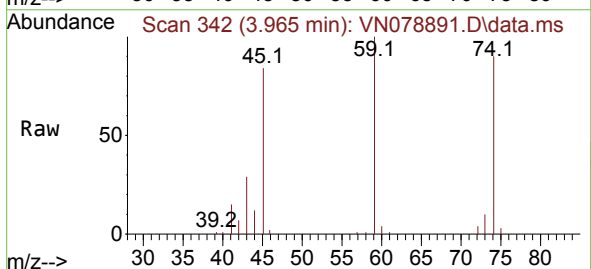
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

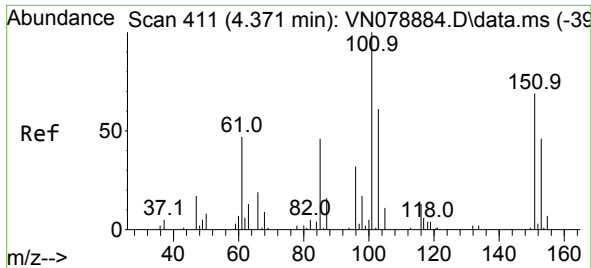
Tgt Ion:101 Resp: 164164
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 45.224 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

Tgt Ion: 74 Resp: 63839
 Ion Ratio Lower Upper
 74 100
 45 99.7 34.4 103.3

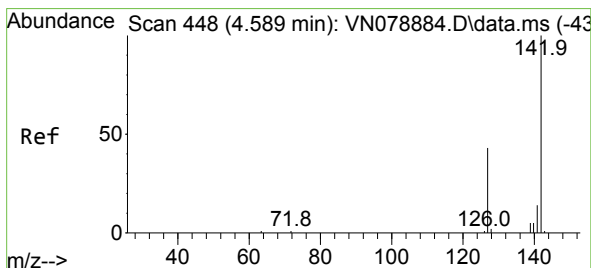
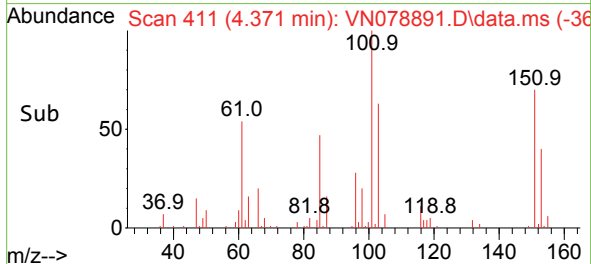
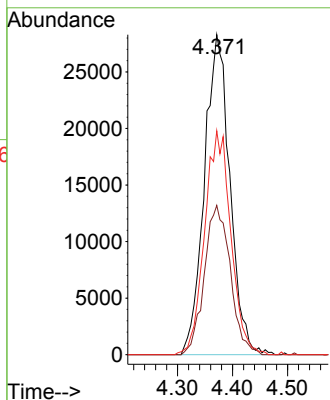
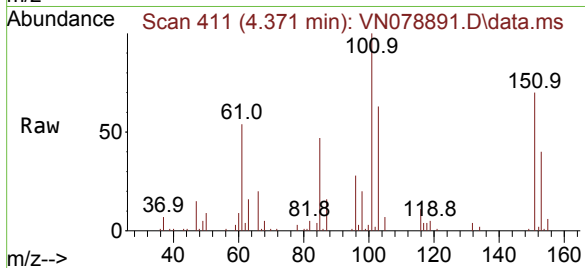




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.058 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

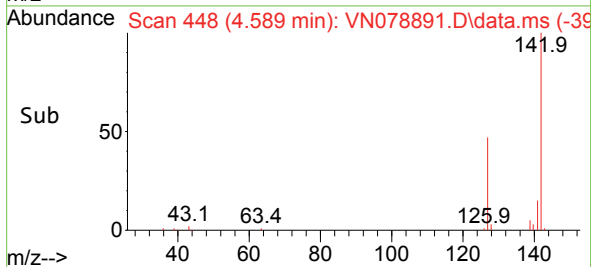
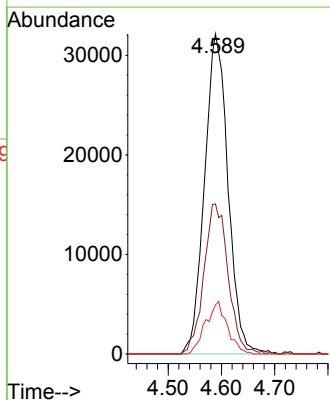
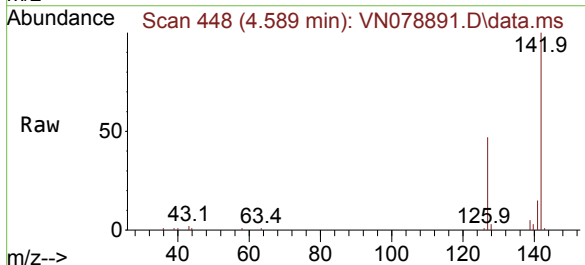
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

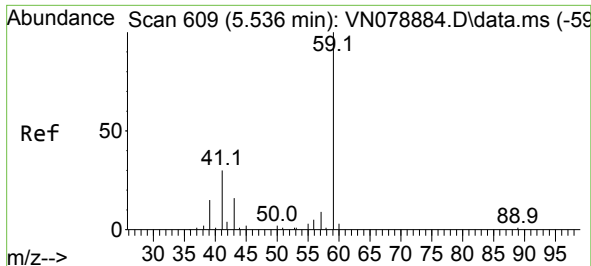
Tgt Ion:101 Resp: 91340
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 71.8 57.6 86.4



#10
Methyl Iodide
Concen: 44.346 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:142 Resp: 98395
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 15.3 11.4 17.0

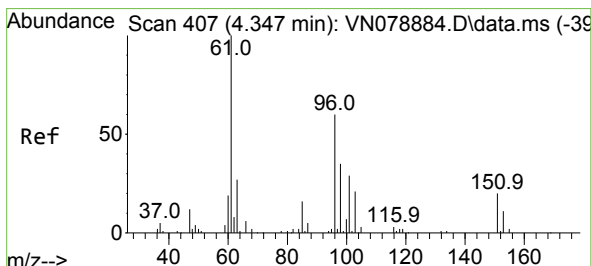
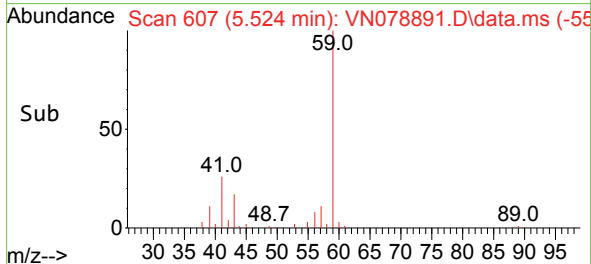
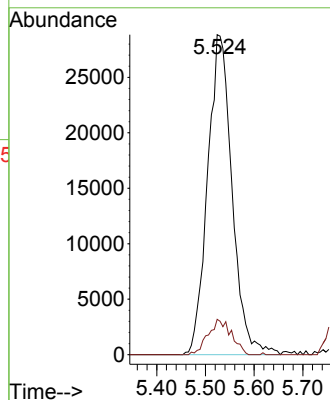
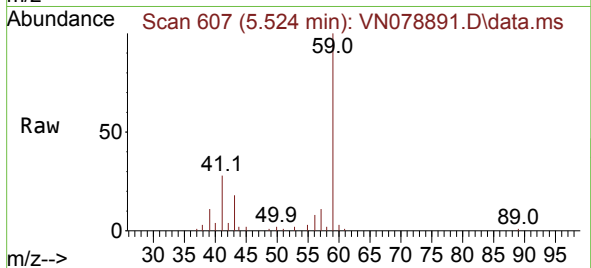




#11
Tert butyl alcohol
Concen: 214.323 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

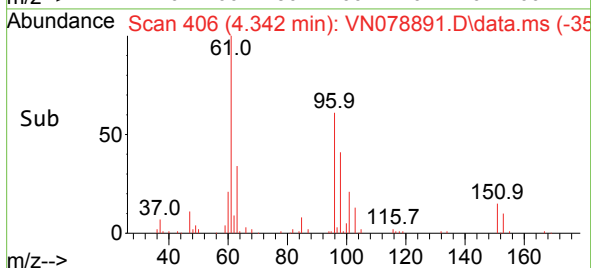
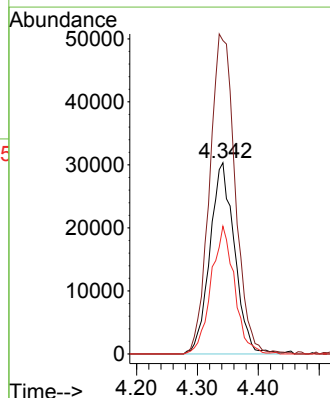
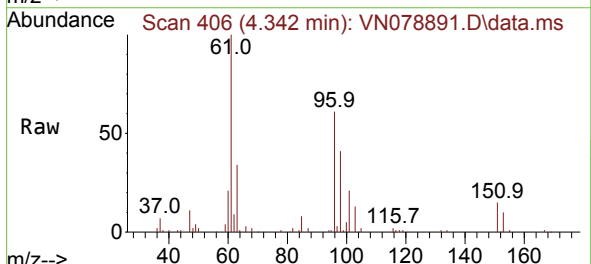
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

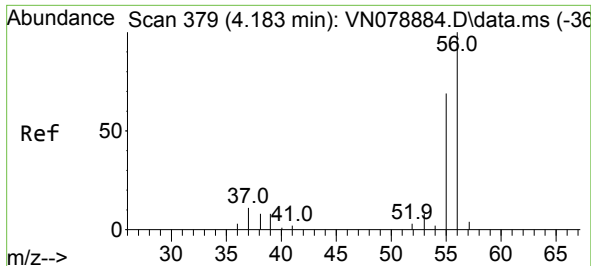
Tgt Ion: 59 Resp: 100698
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.233 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 96 Resp: 85449
Ion Ratio Lower Upper
96 100
61 163.9 112.7 169.1
98 66.8 51.2 76.8





#13

Acrolein

Concen: 220.128 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.018 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

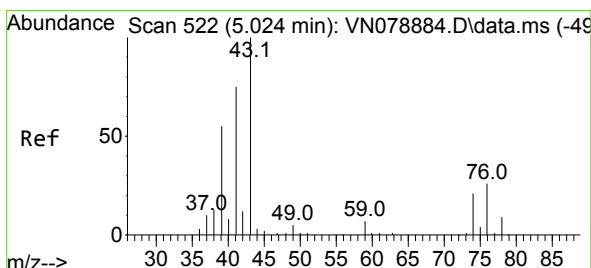
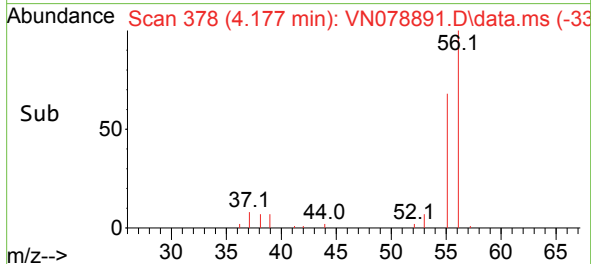
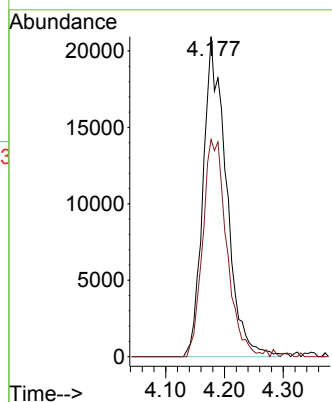
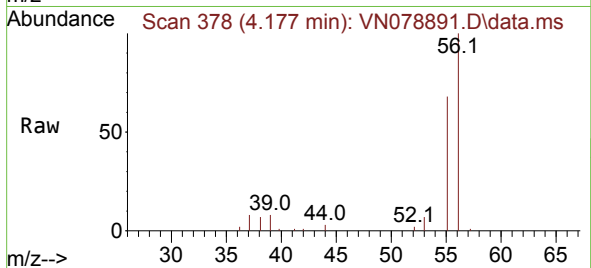
VSTDCCC050

Tgt Ion: 56 Resp: 57355

Ion Ratio Lower Upper

56 100

55 70.0 54.5 81.7



#14

Allyl chloride

Concen: 46.339 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

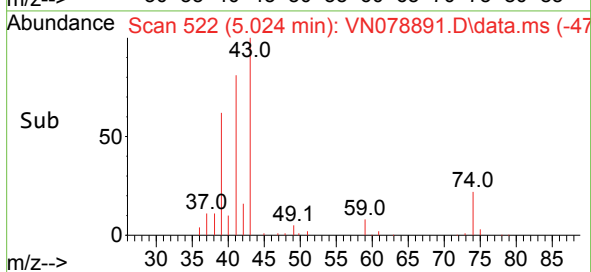
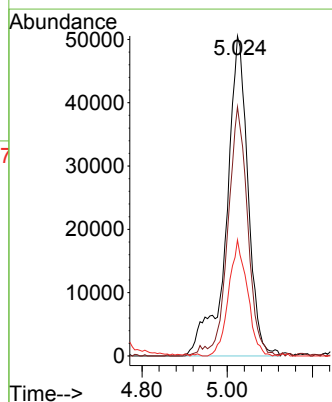
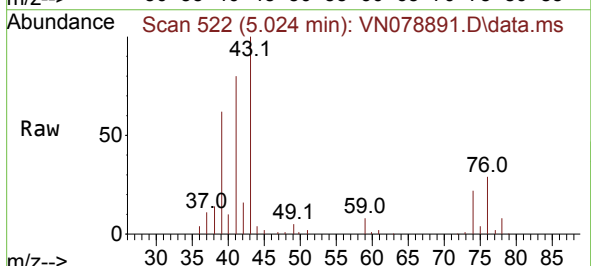
Tgt Ion: 41 Resp: 178163

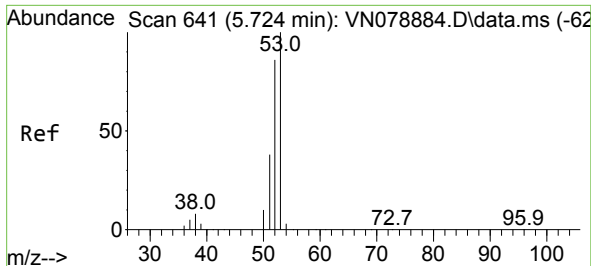
Ion Ratio Lower Upper

41 100

39 71.4 58.8 88.2

76 31.4 39.1 58.7#

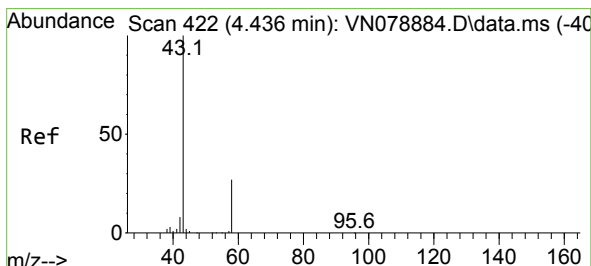
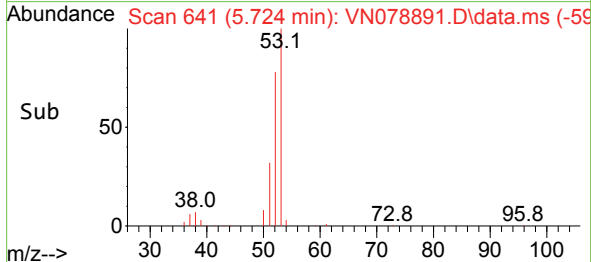
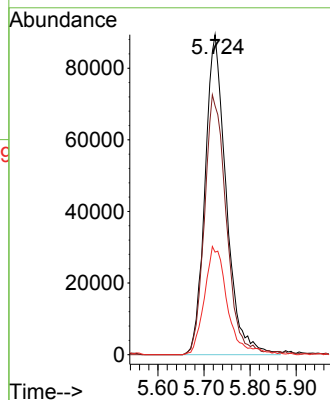
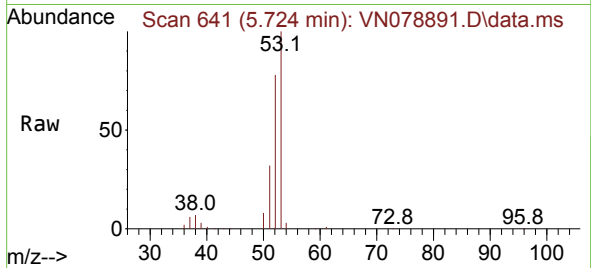




#15
 Acrylonitrile
 Concen: 224.250 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. -0.006 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

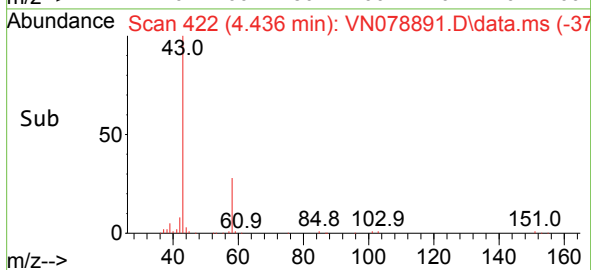
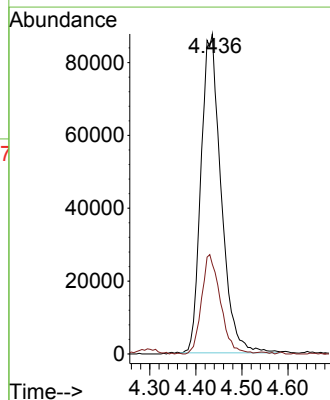
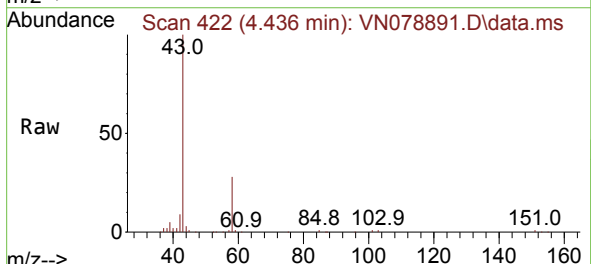
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

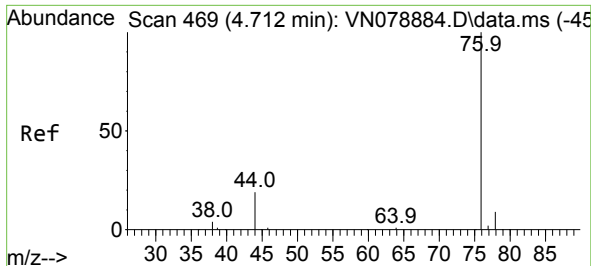
Tgt Ion:	53	Resp:	285432
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.3	97.9
51	36.8	28.9	43.3



#16
 Acetone
 Concen: 230.380 ug/l
 RT: 4.436 min Scan# 422
 Delta R.T. -0.006 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

Tgt Ion:	43	Resp:	266162
Ion	Ratio	Lower	Upper
43	100		
58	27.9	28.0	42.0#

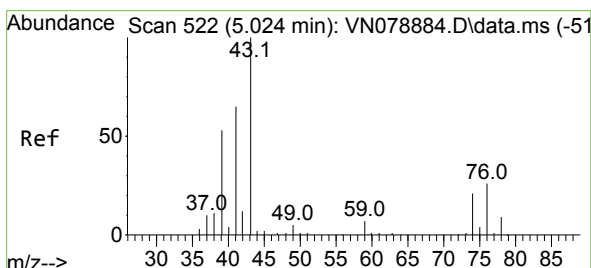
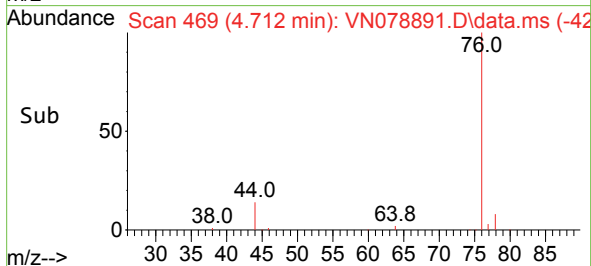
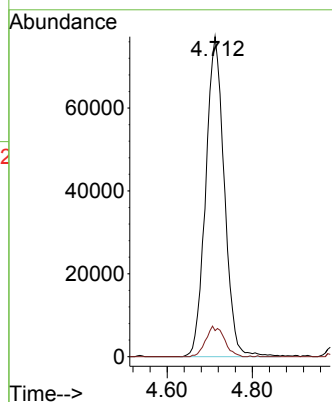
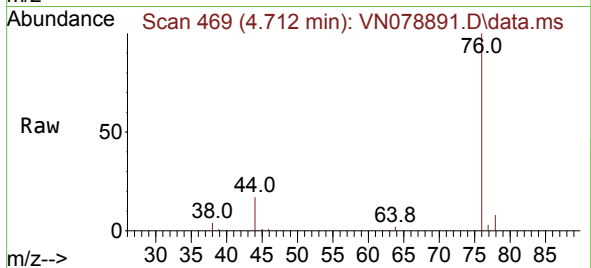




#17
Carbon Disulfide
Concen: 43.271 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

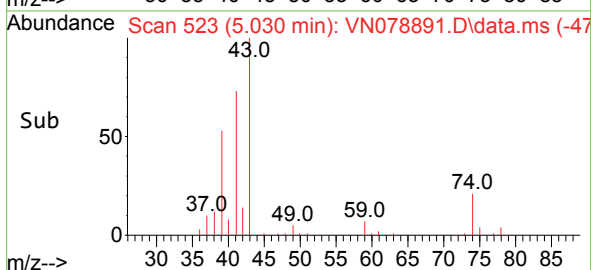
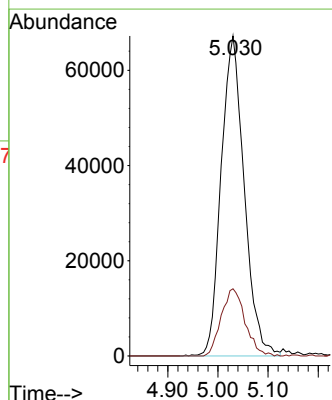
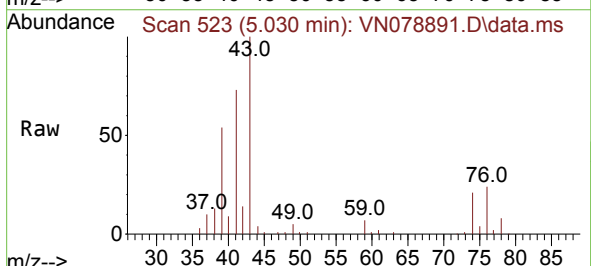
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

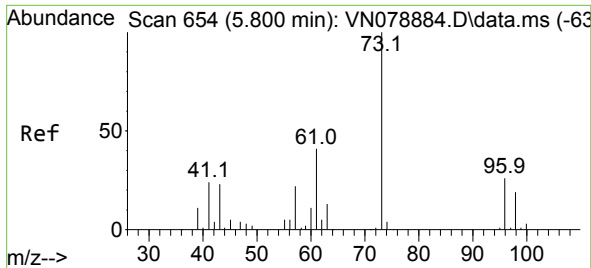
Tgt Ion: 76 Resp: 233983
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#18
Methyl Acetate
Concen: 43.997 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 43 Resp: 214730
Ion Ratio Lower Upper
43 100
74 21.8 26.2 39.4#

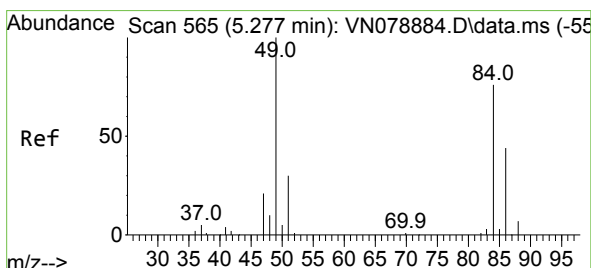
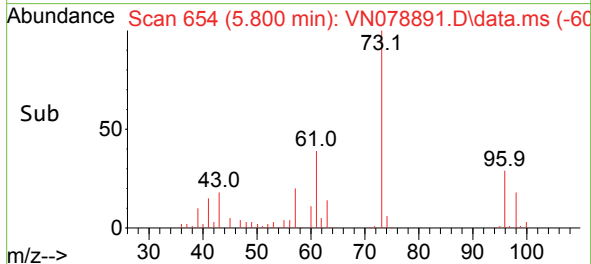
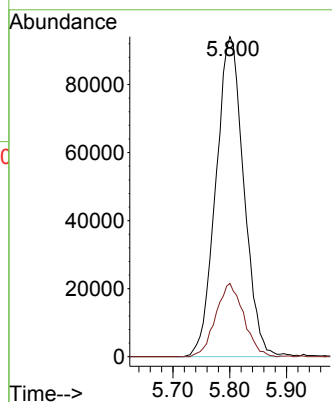
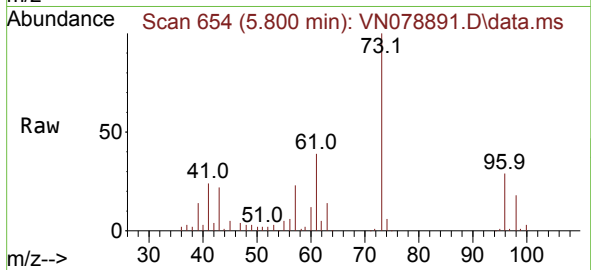




#19
Methyl tert-butyl Ether
Concen: 46.092 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

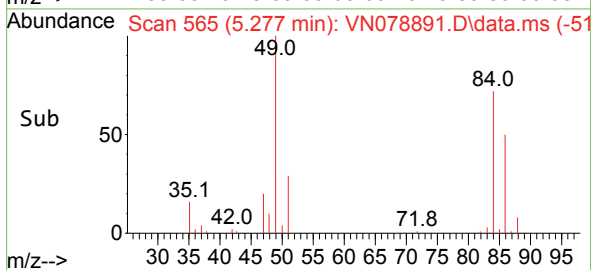
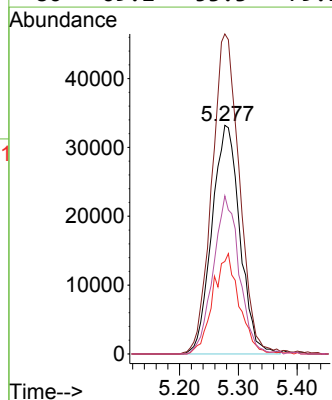
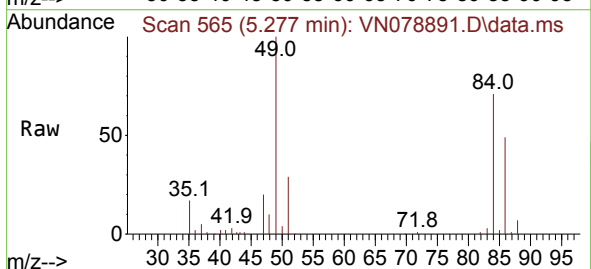
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

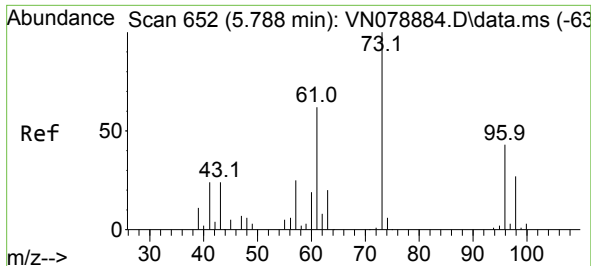
Tgt Ion: 73 Resp: 320735
Ion Ratio Lower Upper
73 100
57 22.9 15.6 23.4



#20
Methylene Chloride
Concen: 44.531 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 84 Resp: 109637
Ion Ratio Lower Upper
84 100
49 140.0 79.7 119.5#
51 40.4 25.2 37.8#
86 69.2 53.3 79.9

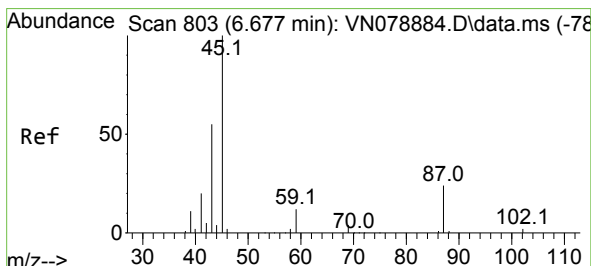
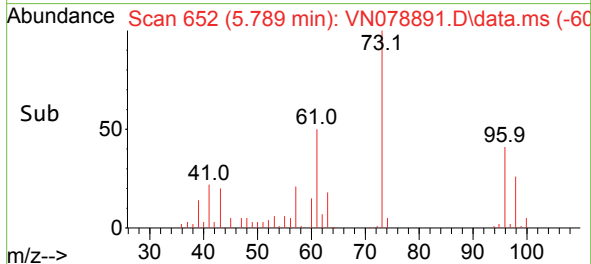
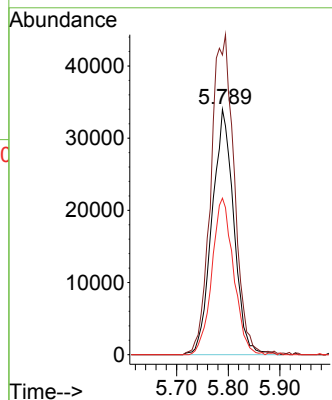
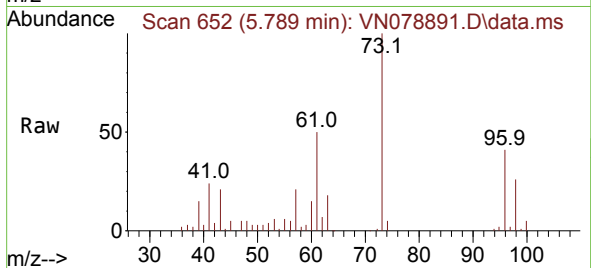




#21
trans-1,2-Dichloroethene
Concen: 45.962 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

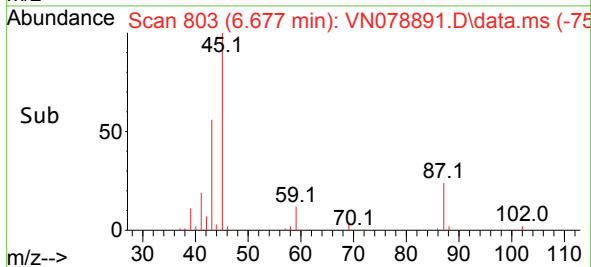
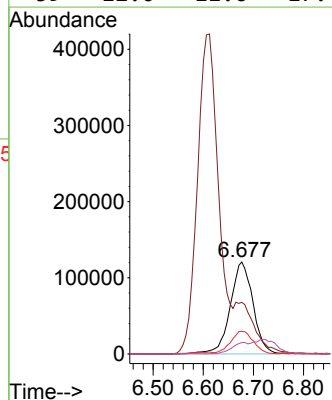
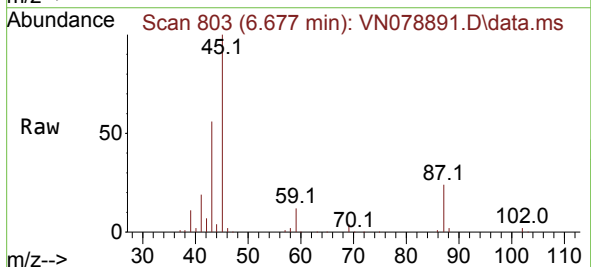
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

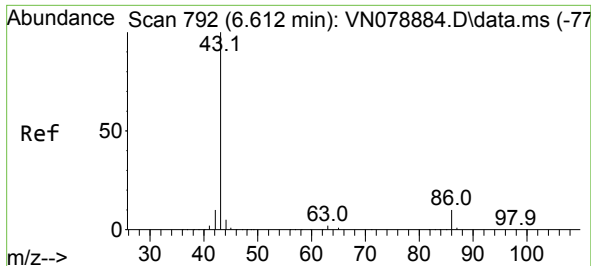
Tgt Ion: 96 Resp: 99563
Ion Ratio Lower Upper
96 100
61 122.1 90.1 135.1
98 63.8 46.4 69.6



#22
Diisopropyl ether
Concen: 46.775 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 45 Resp: 380452
Ion Ratio Lower Upper
45 100
43 53.2 45.5 68.3
87 24.3 31.8 47.8#
59 12.0 11.6 17.4

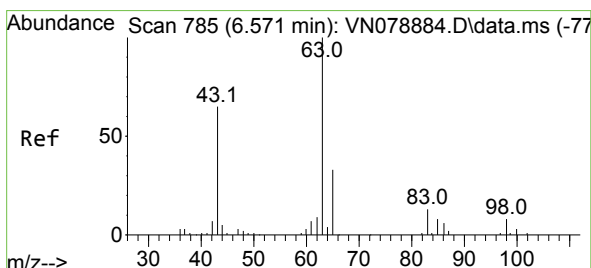
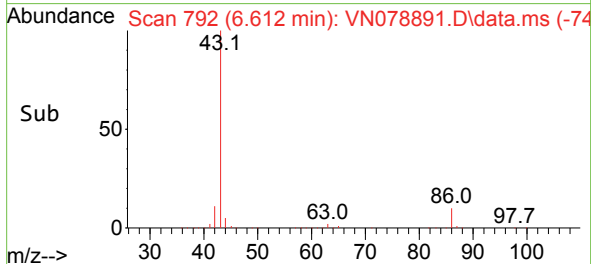
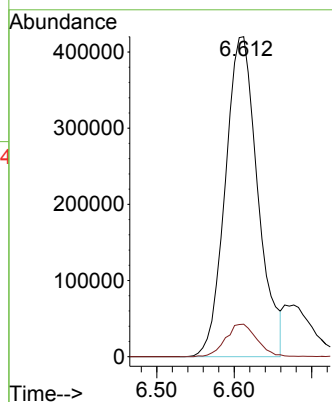
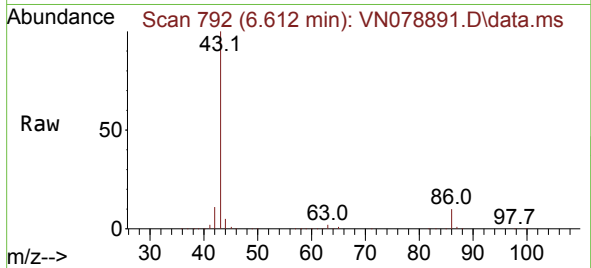




#23
 Vinyl Acetate
 Concen: 229.235 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

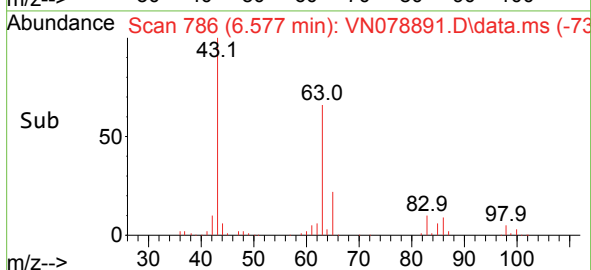
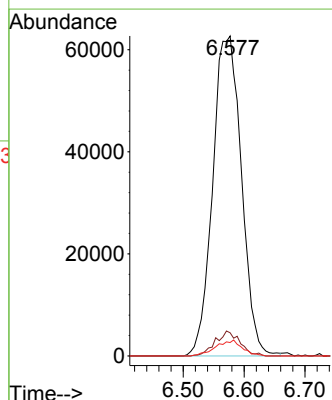
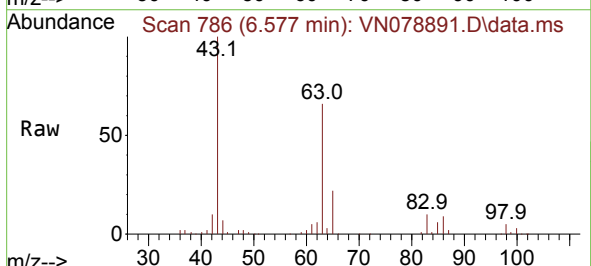
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

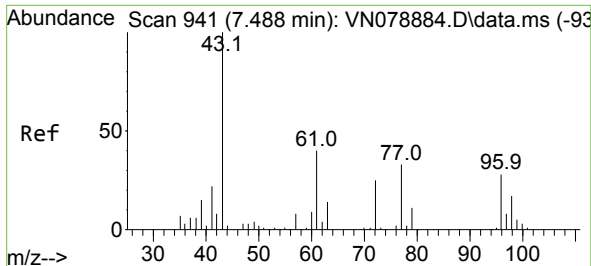
Tgt Ion: 43 Resp: 1227683
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 46.206 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

Tgt Ion: 63 Resp: 205312
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.2 2.5 7.4

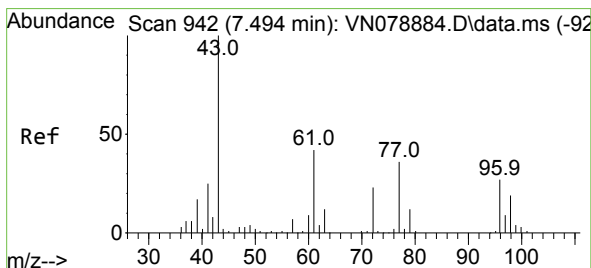
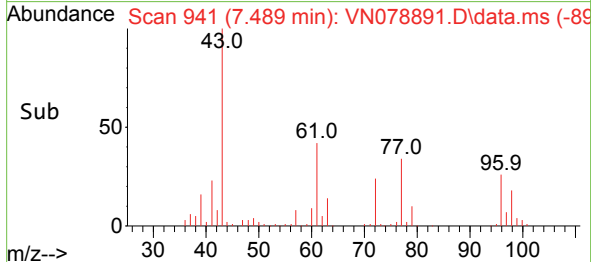
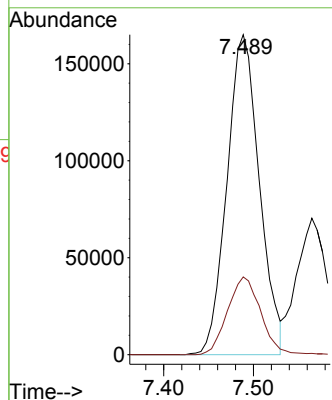
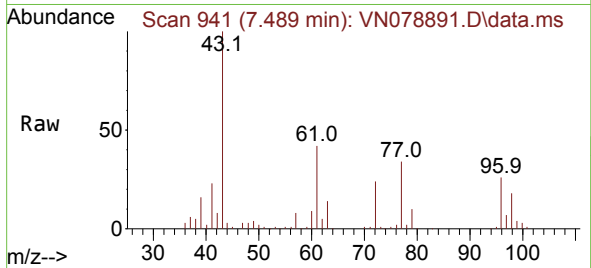




#25
2-Butanone
Concen: 223.662 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

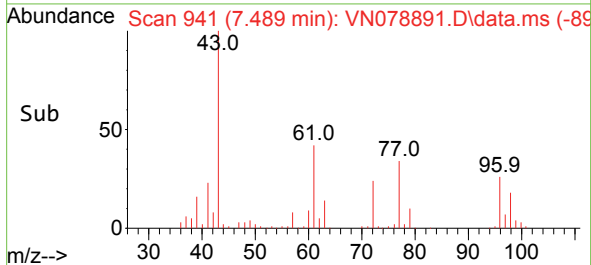
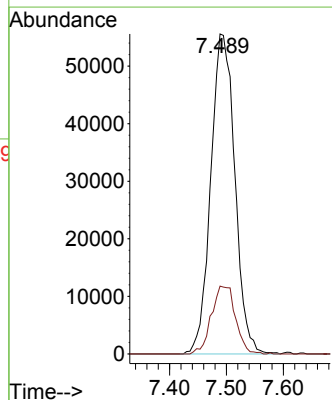
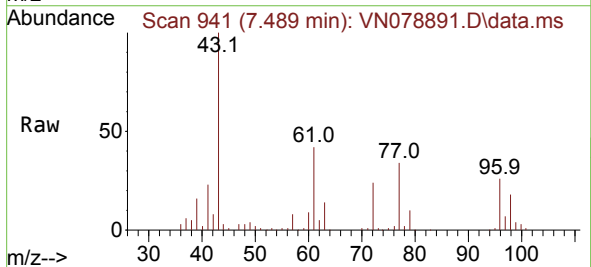
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 414287
Ion Ratio Lower Upper
43 100
72 24.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 45.510 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 77 Resp: 163459
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6

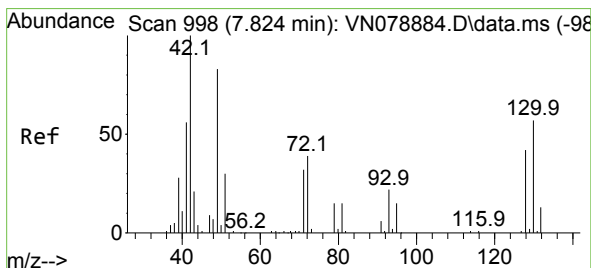
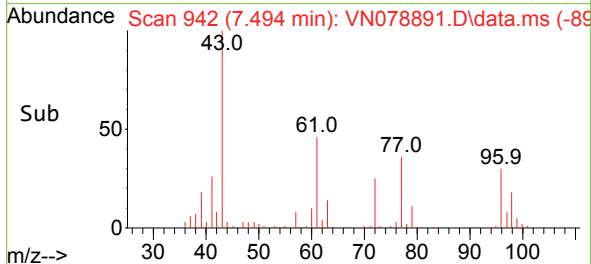
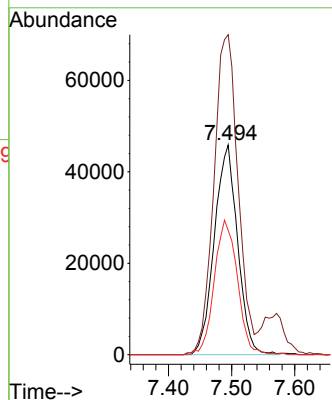
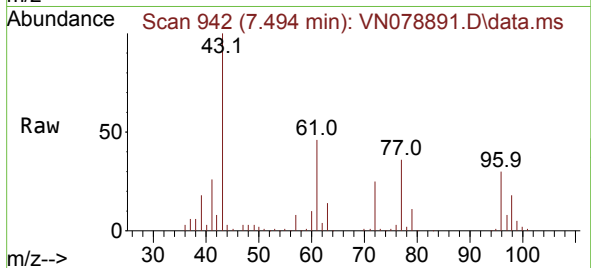




#27
 cis-1,2-Dichloroethene
 Concen: 44.621 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

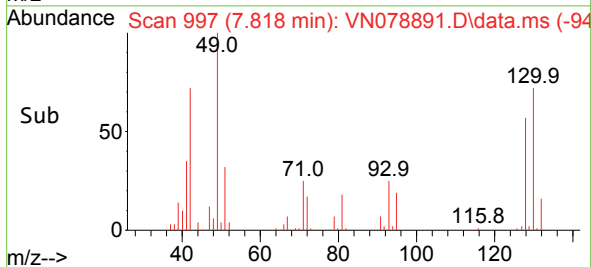
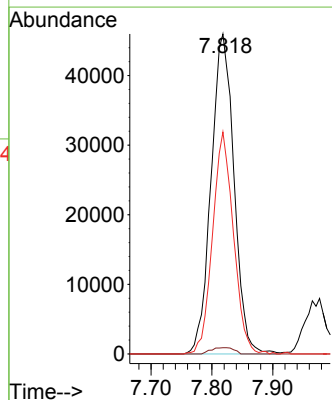
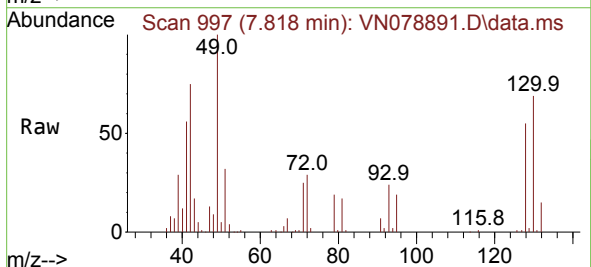
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

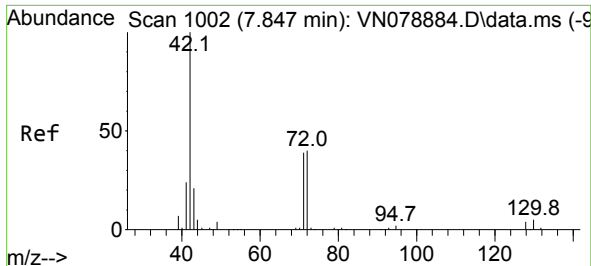
Tgt Ion: 96 Resp: 117483
 Ion Ratio Lower Upper
 96 100
 61 158.0 0.0 255.2
 98 63.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.986 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

Tgt Ion: 49 Resp: 120179
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 63.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 232.490 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

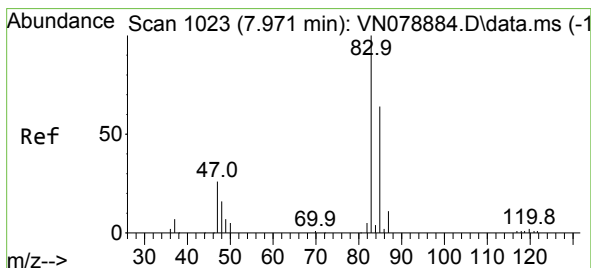
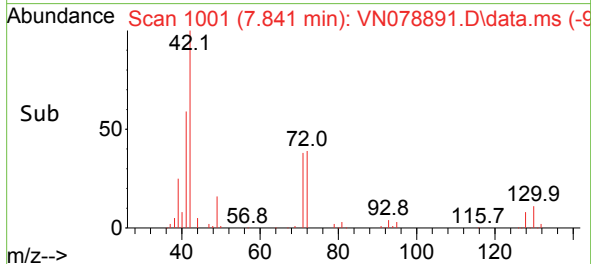
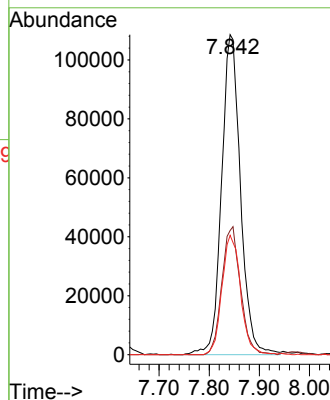
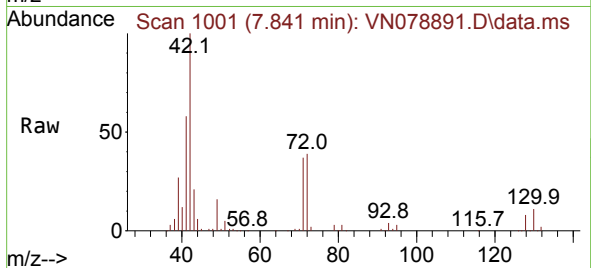
Tgt Ion: 42 Resp: 285038

Ion Ratio Lower Upper

42 100

72 39.3 49.8 74.6#

71 36.8 47.4 71.2#



#30

Chloroform

Concen: 47.137 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078891.D

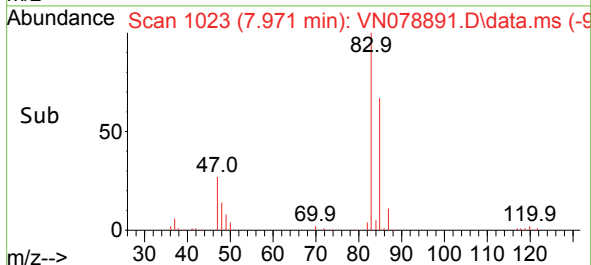
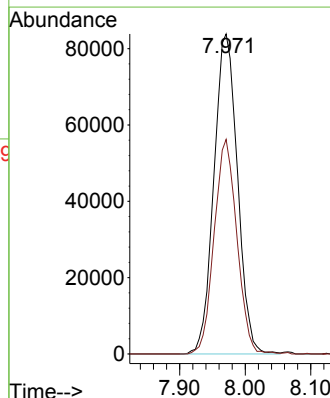
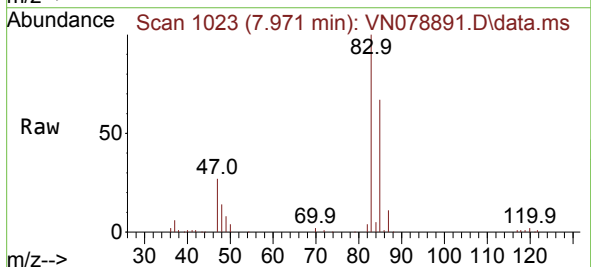
Acq: 16 Aug 2023 09:58

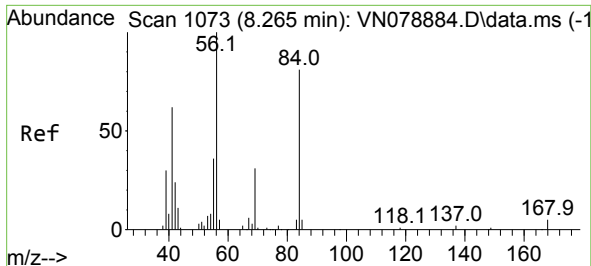
Tgt Ion: 83 Resp: 209253

Ion Ratio Lower Upper

83 100

85 67.0 55.4 83.0

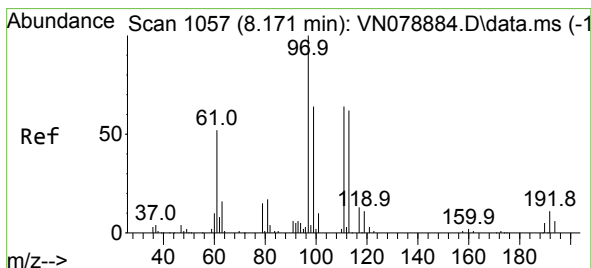
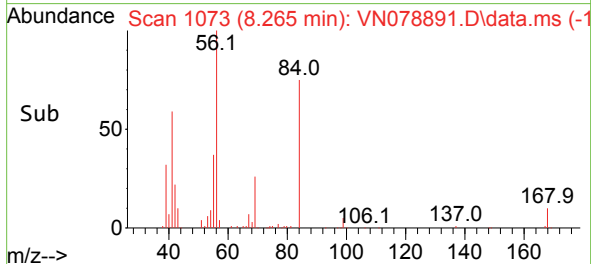
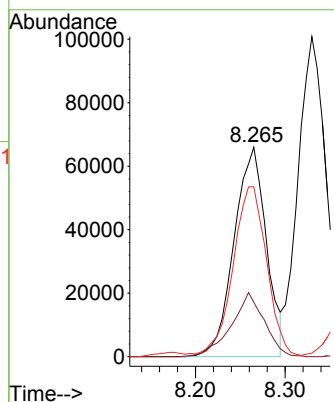
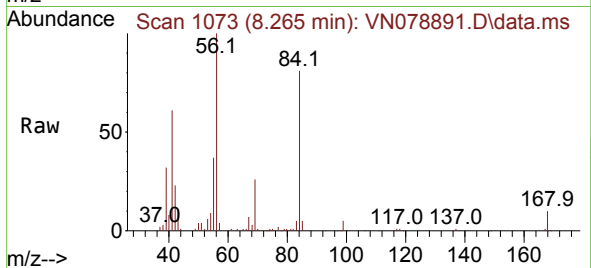




#31
Cyclohexane
Concen: 46.984 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

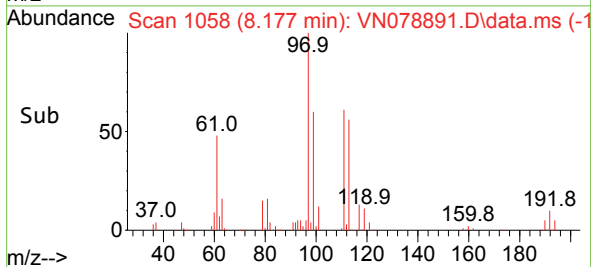
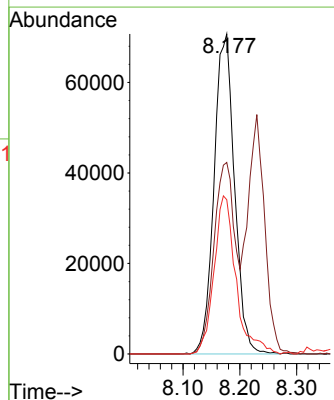
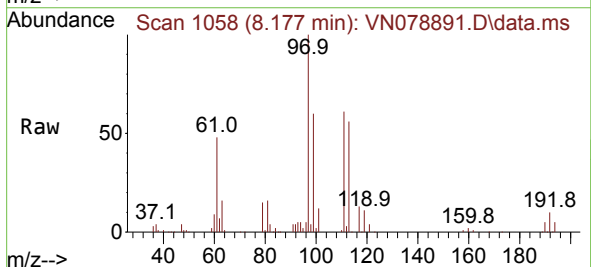
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

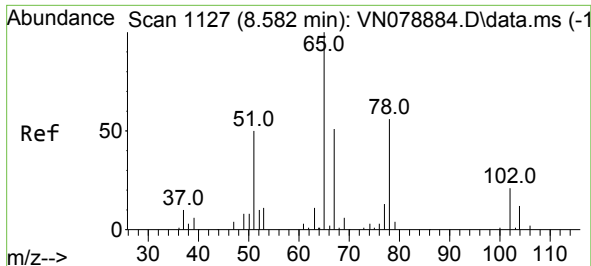
Tgt Ion: 56 Resp: 164619
Ion Ratio Lower Upper
56 100
69 25.7 26.8 40.2#
84 79.6 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 46.763 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 97 Resp: 177006
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 52.7 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 49.773 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

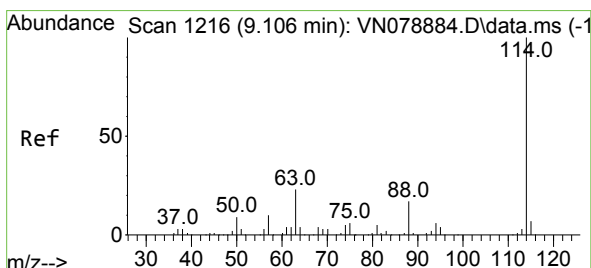
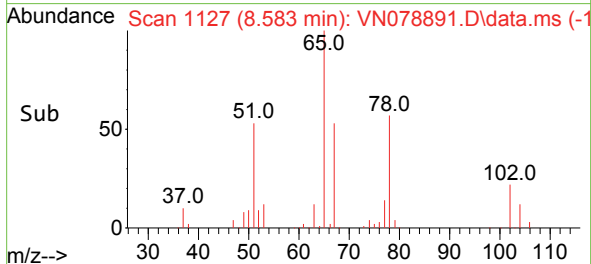
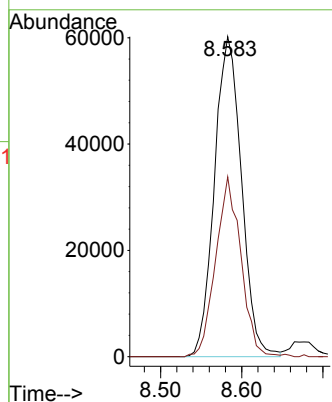
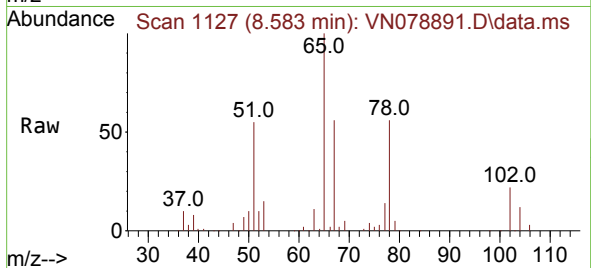
VSTDCCC050

Tgt Ion: 65 Resp: 139363

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

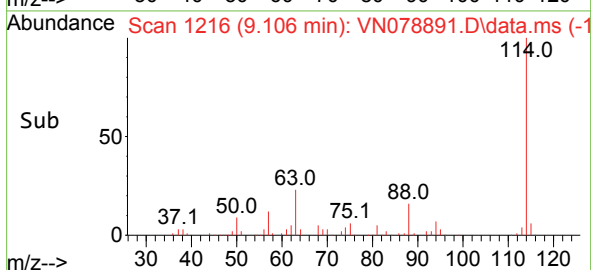
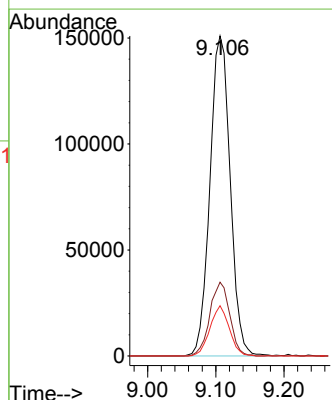
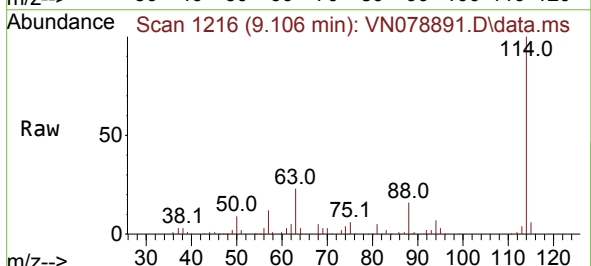
Tgt Ion: 114 Resp: 312502

Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.4

88 15.7 0.0 30.6

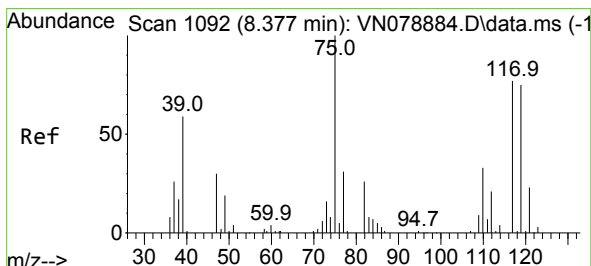
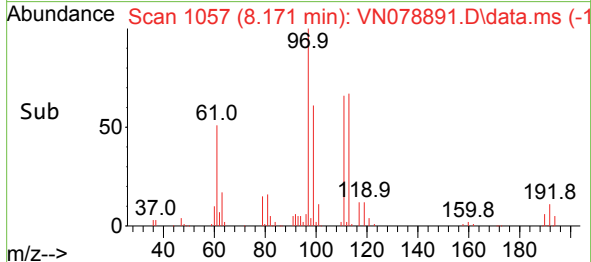
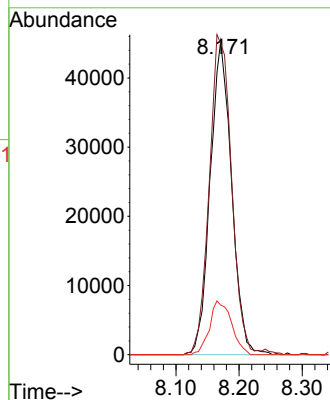
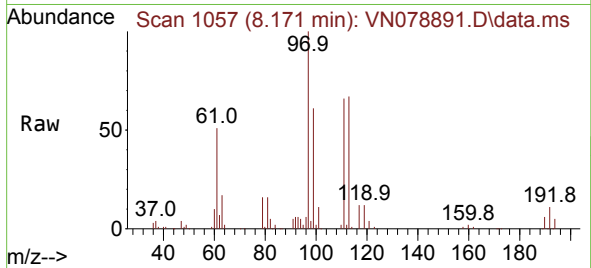




#35
Dibromofluoromethane
Concen: 50.564 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

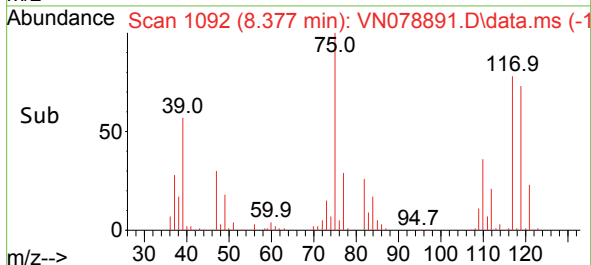
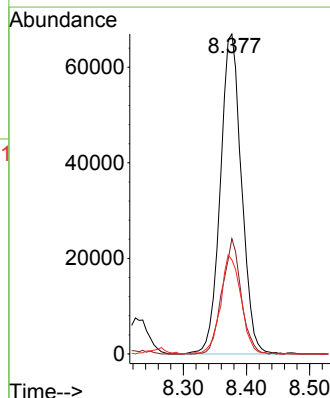
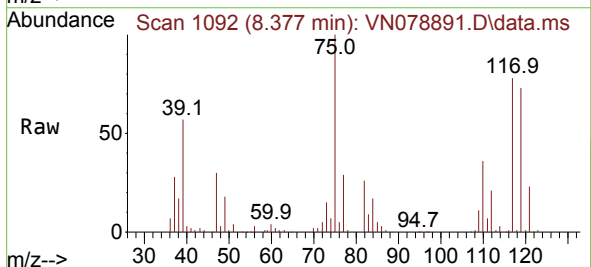
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

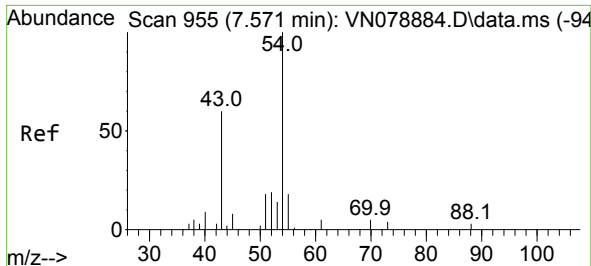
Tgt Ion:113 Resp: 106367
Ion Ratio Lower Upper
113 100
111 106.3 82.6 123.8
192 17.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 49.205 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 75 Resp: 155701
Ion Ratio Lower Upper
75 100
110 32.4 19.1 57.3
77 30.0 25.0 37.4

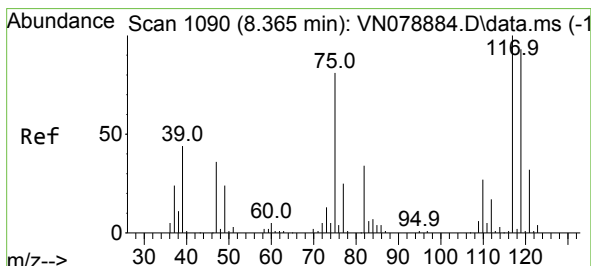
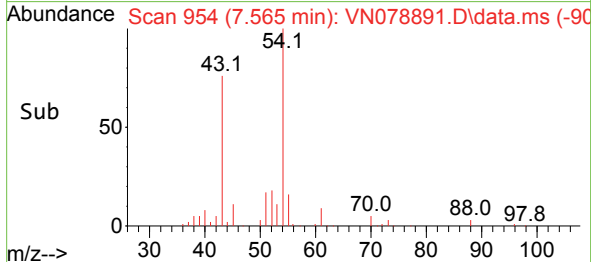
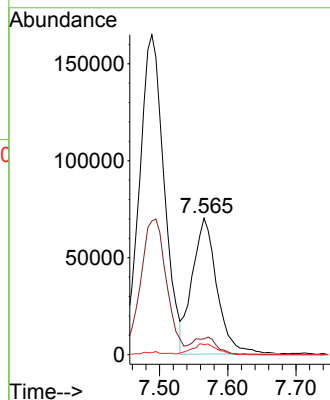
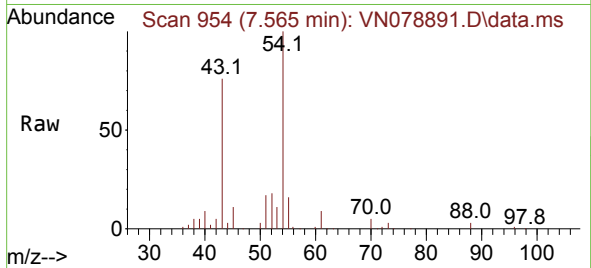




#37
Ethyl Acetate
Concen: 49.779 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

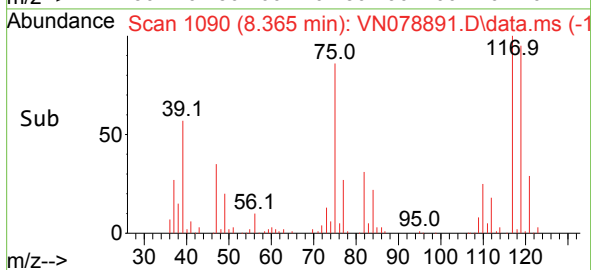
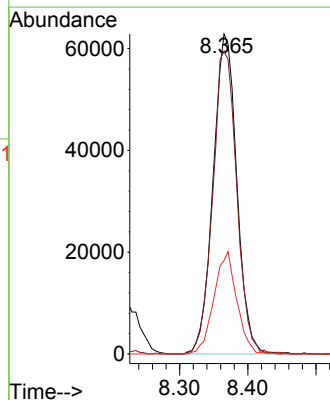
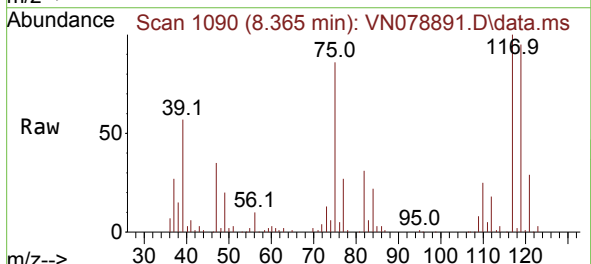
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

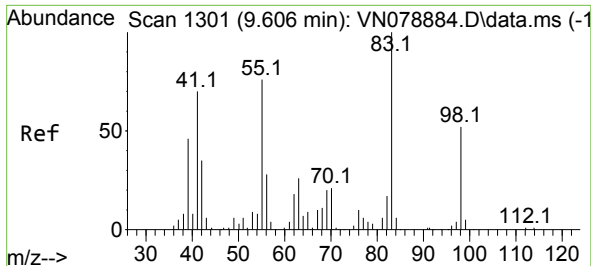
Tgt Ion: 43 Resp: 176241
Ion Ratio Lower Upper
43 100
61 12.3 13.2 19.8#
70 8.1 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 47.814 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 117 Resp: 151599
Ion Ratio Lower Upper
117 100
119 94.6 77.3 115.9
121 29.2 23.3 34.9

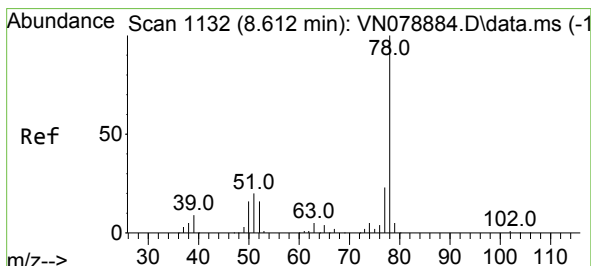
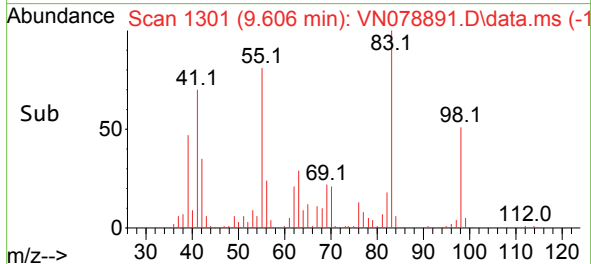
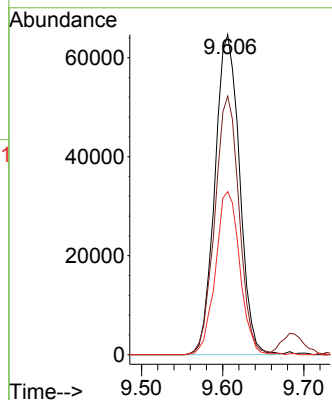
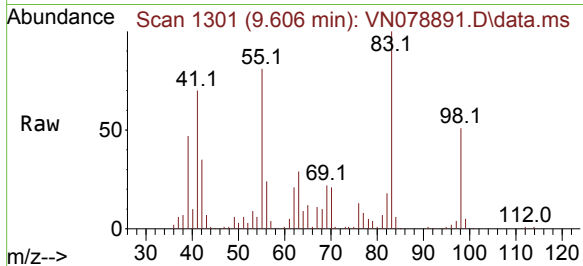




#39
Methylcyclohexane
Concen: 46.865 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

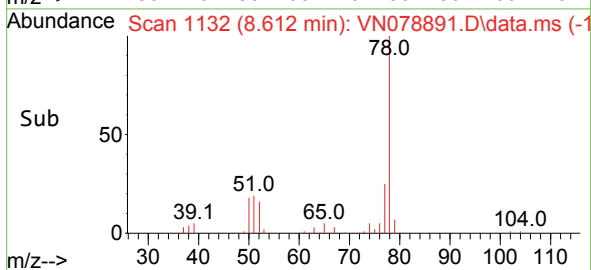
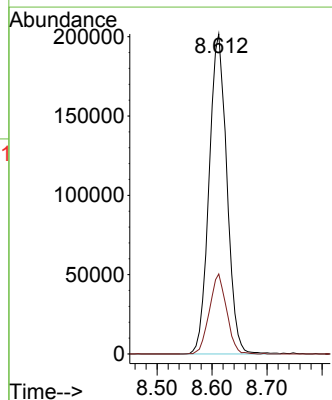
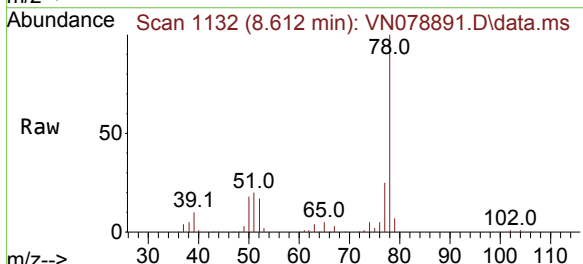
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

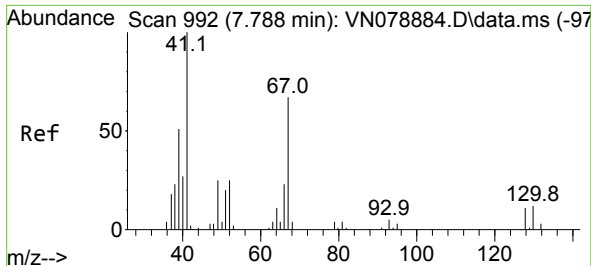
Tgt Ion: 83 Resp: 136389
Ion Ratio Lower Upper
83 100
55 80.8 49.1 73.7#
98 50.9 40.6 61.0



#40
Benzene
Concen: 48.402 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 78 Resp: 452708
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.6

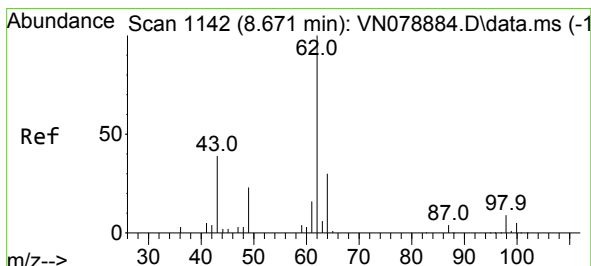
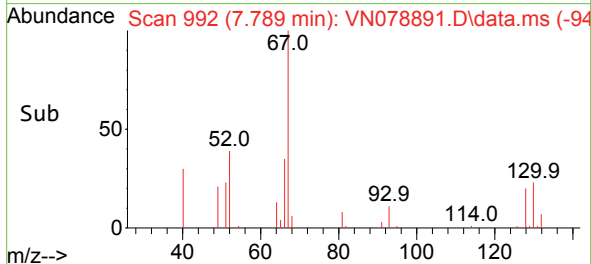
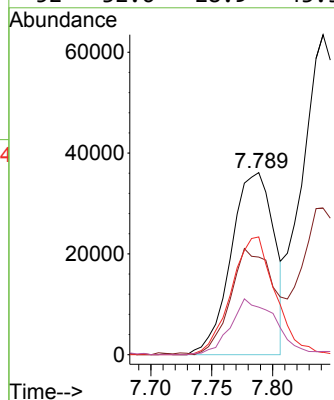
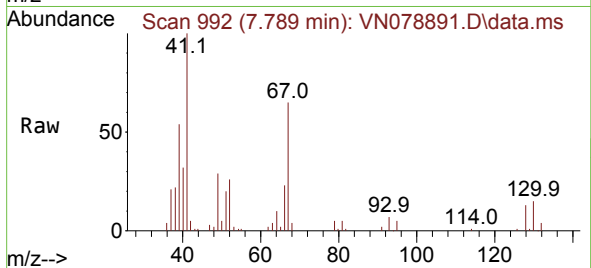




#41
Methacrylonitrile
Concen: 45.995 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

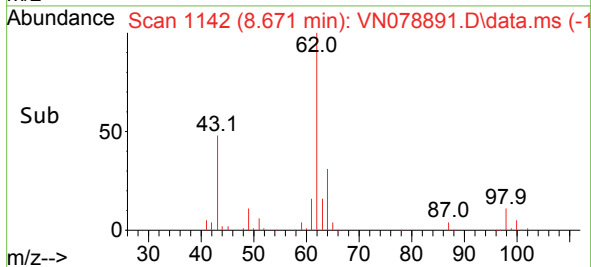
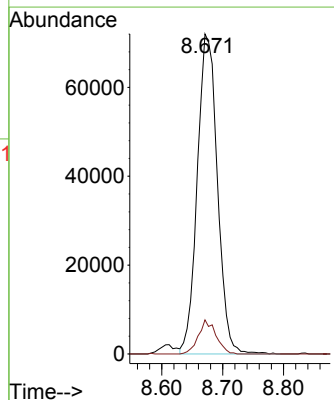
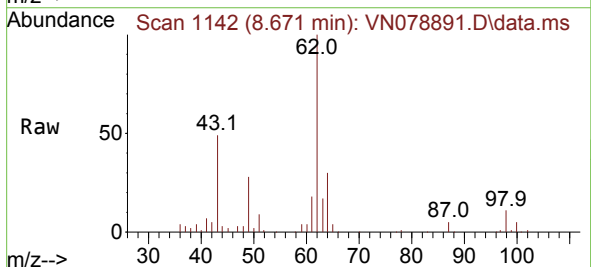
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

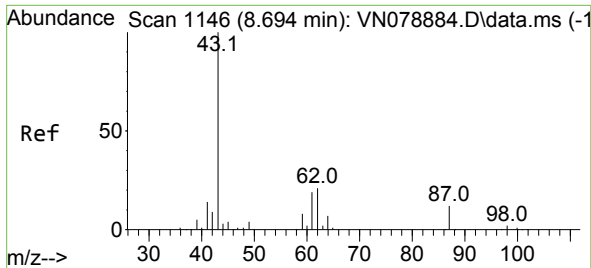
Tgt Ion:	41	Resp:	88690
Ion	Ratio	Lower	Upper
41	100		
39	61.4	42.6	64.0
67	66.4	77.5	116.3
52	32.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 47.392 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:	62	Resp:	165601
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8

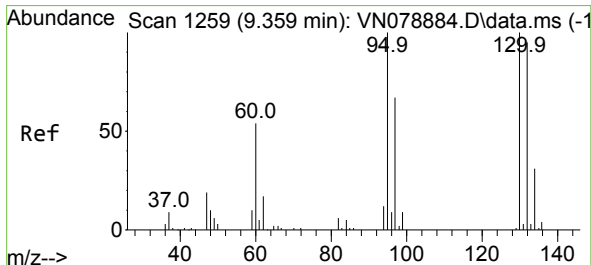
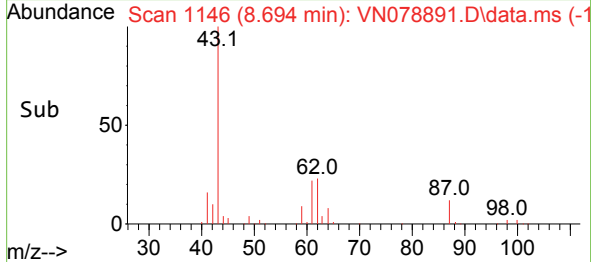
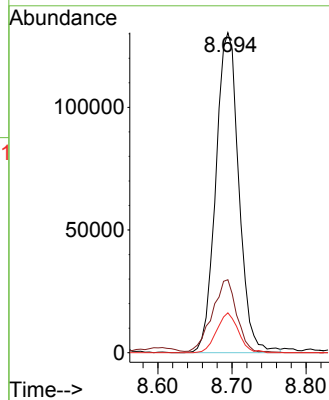
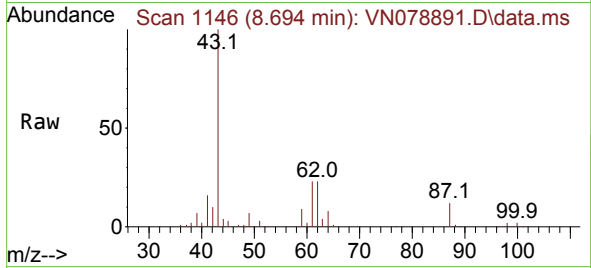




#43
Isopropyl Acetate
Concen: 44.962 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

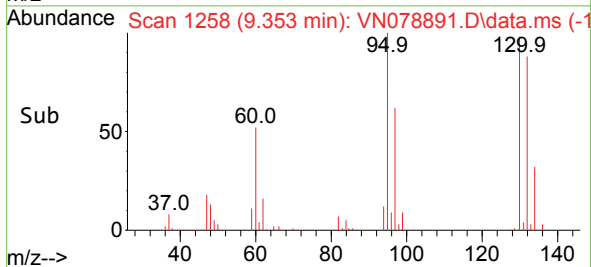
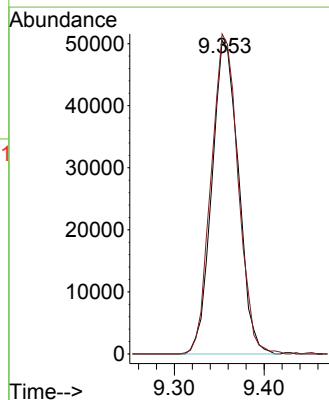
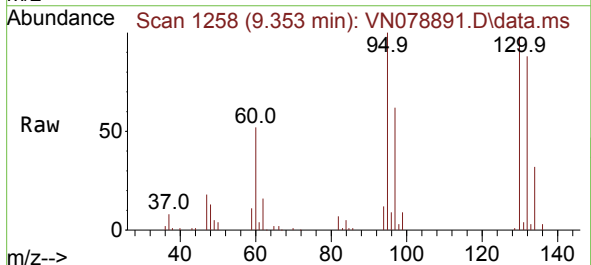
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

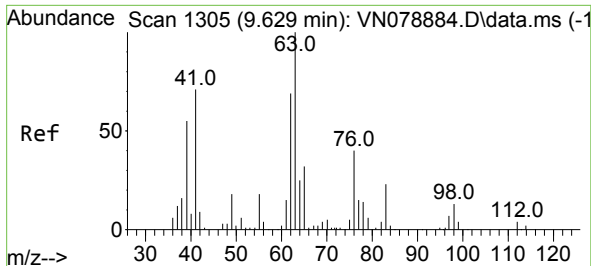
Tgt Ion: 43 Resp: 281362
Ion Ratio Lower Upper
43 100
61 24.7 24.7 37.1#
87 11.7 14.6 21.8#



#44
Trichloroethene
Concen: 46.800 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 130 Resp: 104008
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 48.748 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

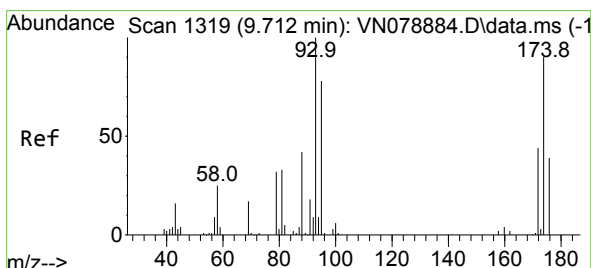
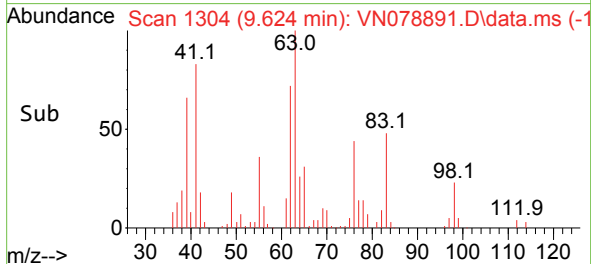
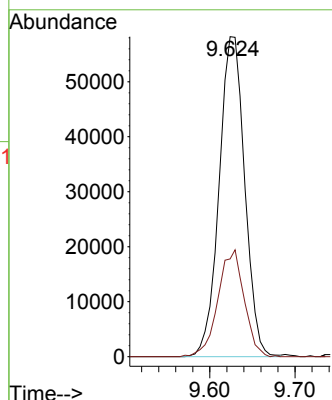
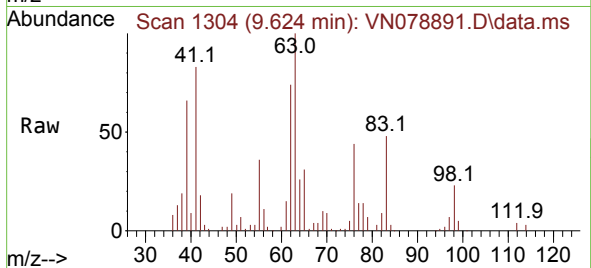
VSTDCCC050

Tgt Ion: 63 Resp: 121393

Ion Ratio Lower Upper

63 100

65 30.6 23.9 35.9



#46

Dibromomethane

Concen: 47.968 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

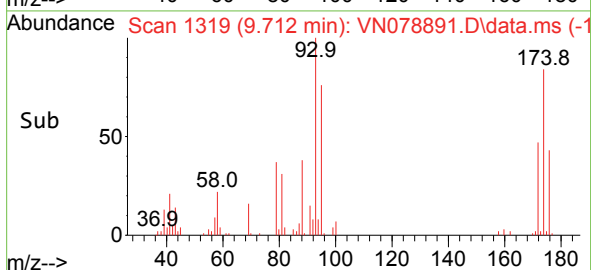
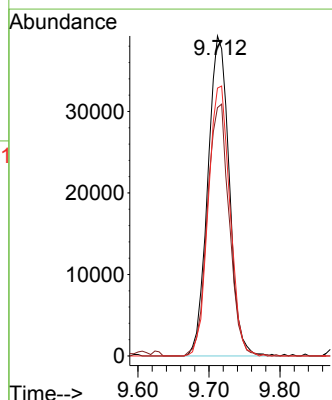
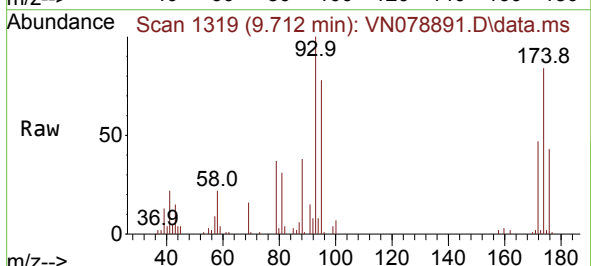
Tgt Ion: 93 Resp: 81930

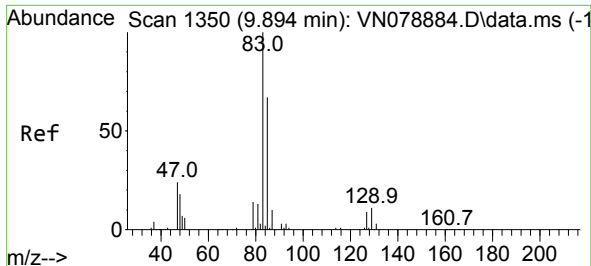
Ion Ratio Lower Upper

93 100

95 80.6 63.8 95.8

174 85.5 65.6 98.4

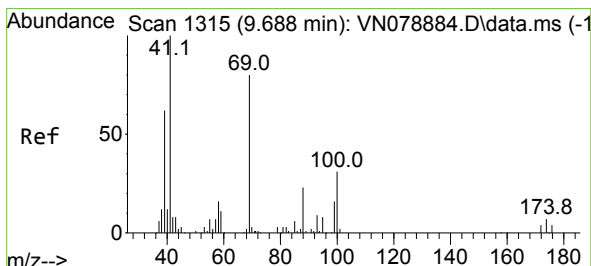
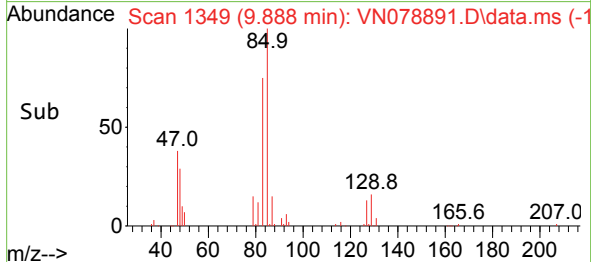
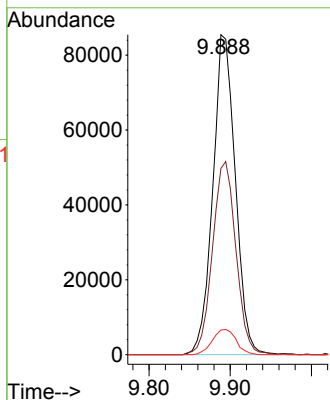
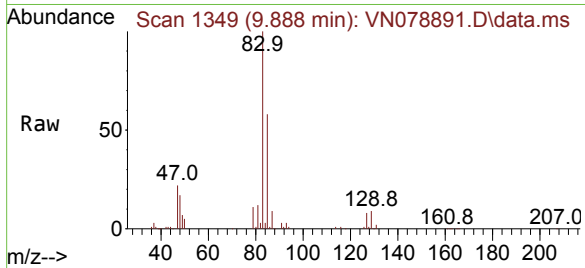




#47
Bromodichloromethane
Concen: 48.871 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

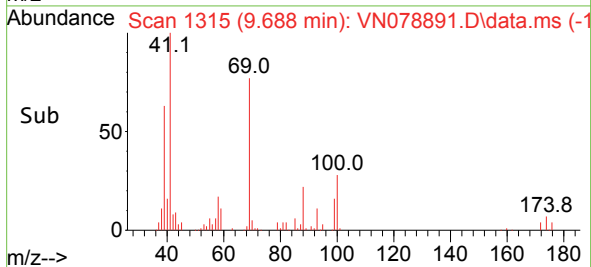
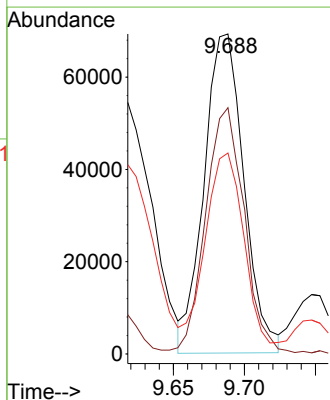
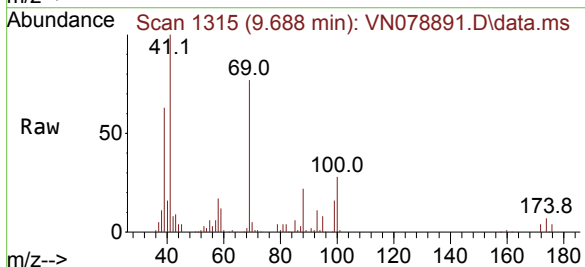
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

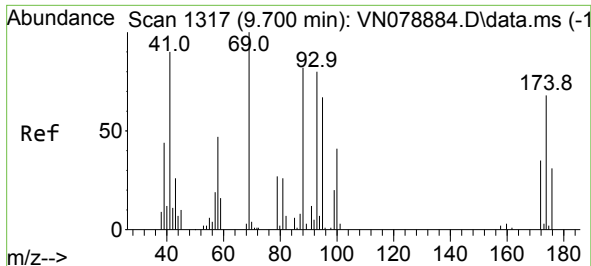
Tgt Ion: 83 Resp: 164829
Ion Ratio Lower Upper
83 100
85 58.2 49.6 74.4
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 47.537 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 41 Resp: 134799
Ion Ratio Lower Upper
41 100
69 74.4 90.4 135.6#
39 63.1 54.6 81.8





#49

1,4-Dioxane

Concen: 931.652 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

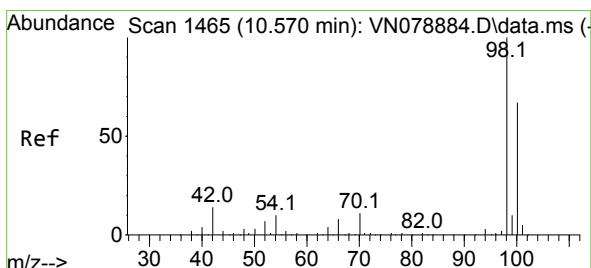
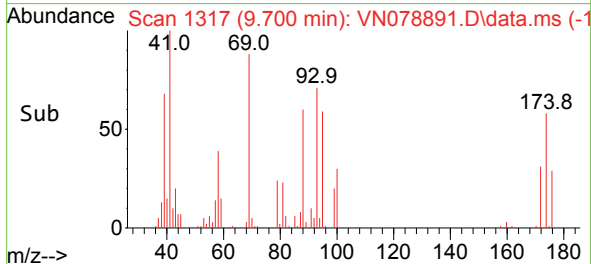
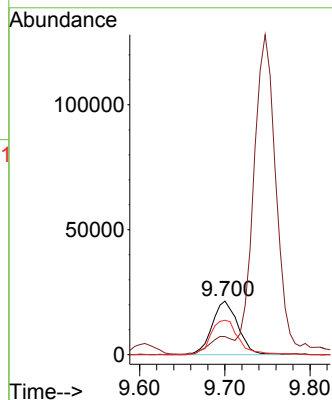
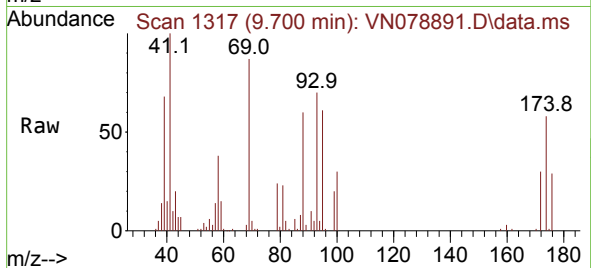
Tgt Ion: 88 Resp: 44999

Ion Ratio Lower Upper

88 100

43 32.0 17.0 25.6#

58 70.0 47.0 70.4



#50

Toluene-d8

Concen: 53.436 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078891.D

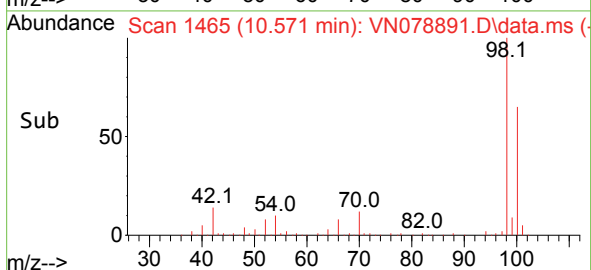
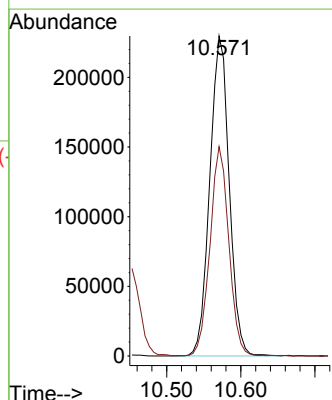
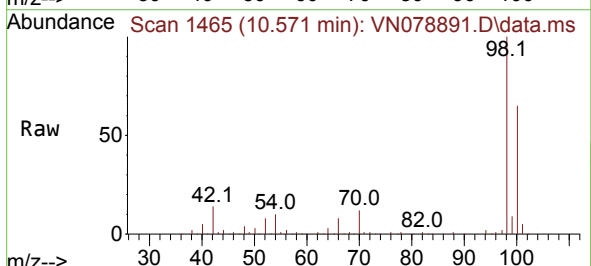
Acq: 16 Aug 2023 09:58

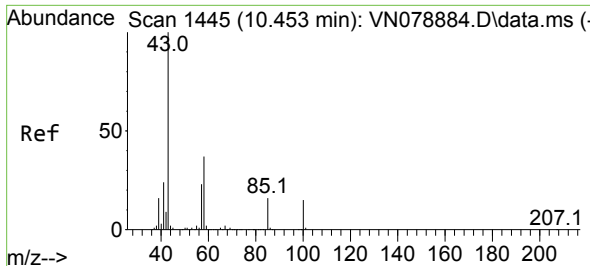
Tgt Ion: 98 Resp: 417381

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

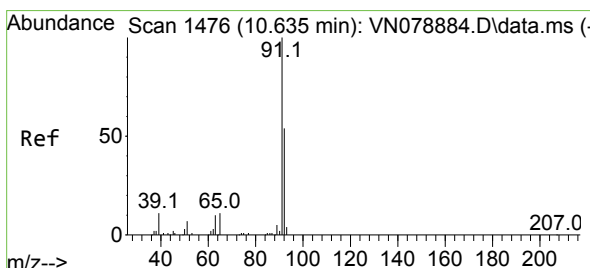
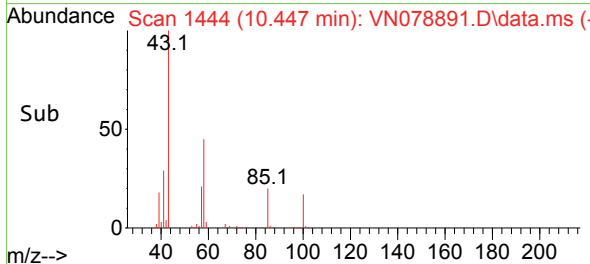
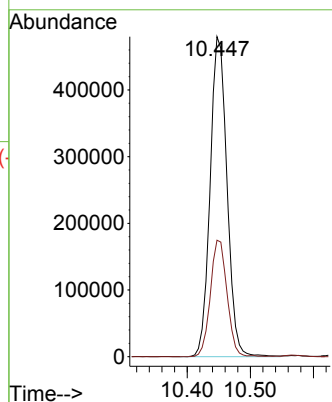
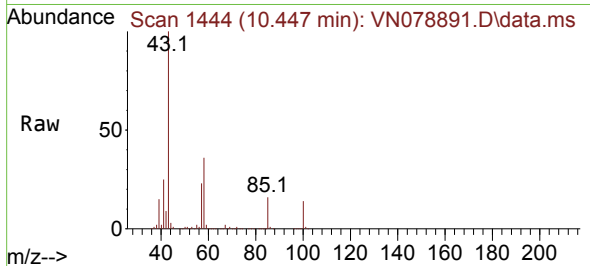




#51
4-Methyl-2-Pentanone
Concen: 239.852 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

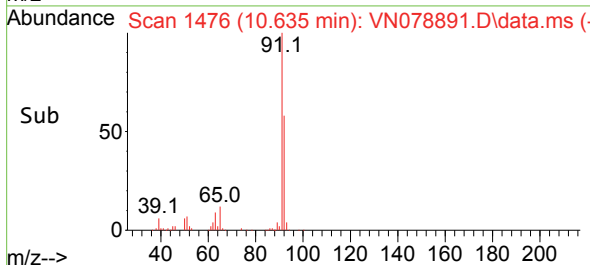
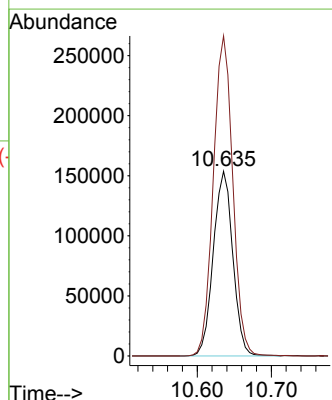
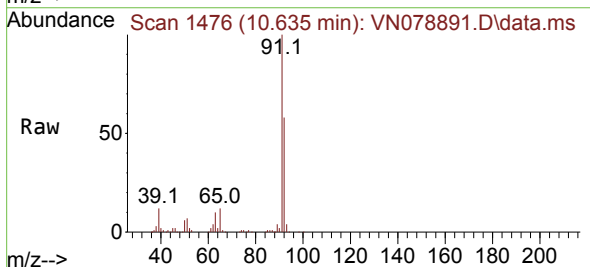
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

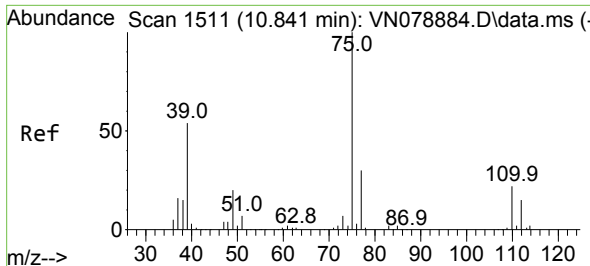
Tgt Ion: 43 Resp: 890207
Ion Ratio Lower Upper
43 100
58 36.0 36.6 54.8#



#52
Toluene
Concen: 48.992 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 92 Resp: 281337
Ion Ratio Lower Upper
92 100
91 172.7 137.4 206.0

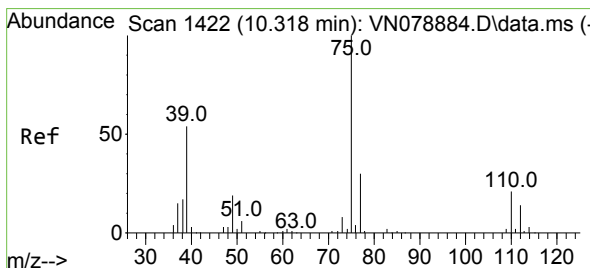
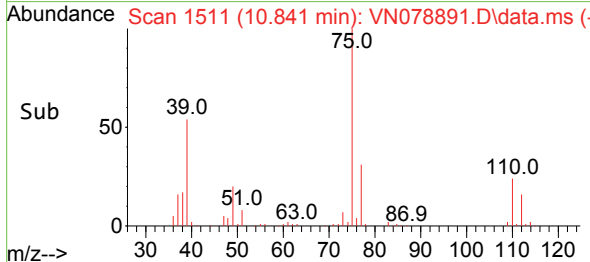
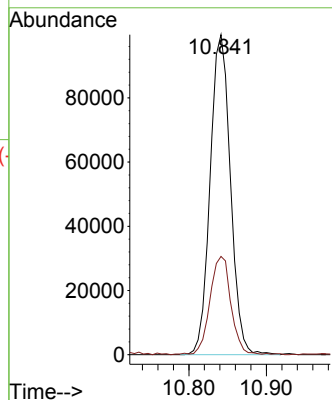
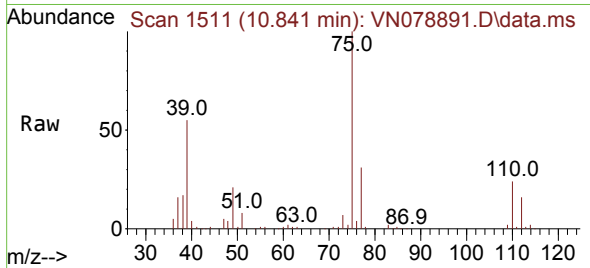




#53
 t-1,3-Dichloropropene
 Concen: 50.085 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

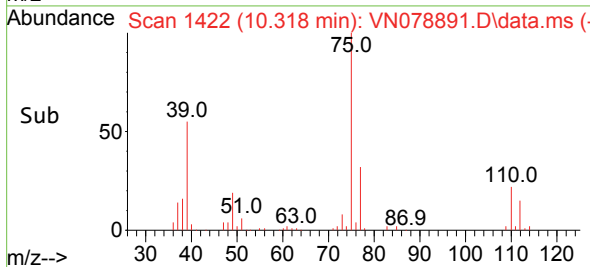
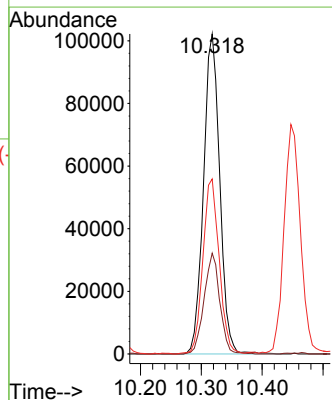
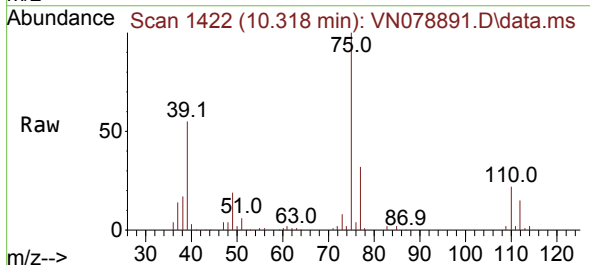
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

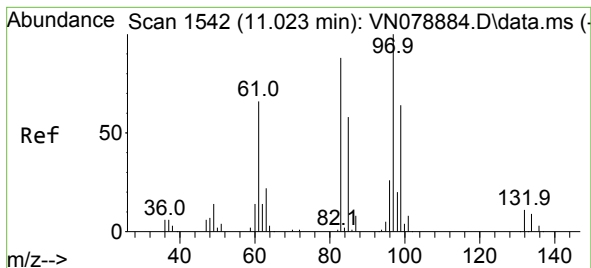
Tgt Ion: 75 Resp: 181154
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.073 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

Tgt Ion: 75 Resp: 189371
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.1 39.1
 39 54.5 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 49.010 ug/l

RT: 11.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 112846

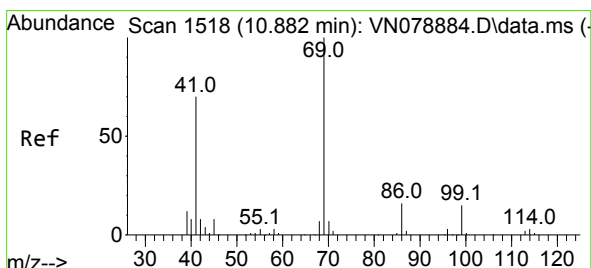
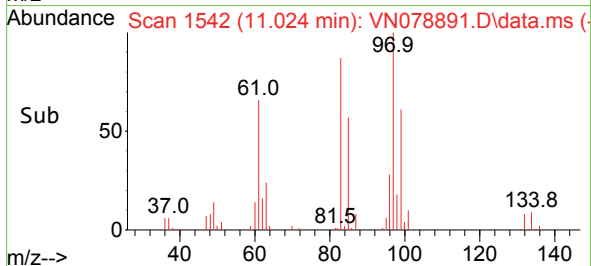
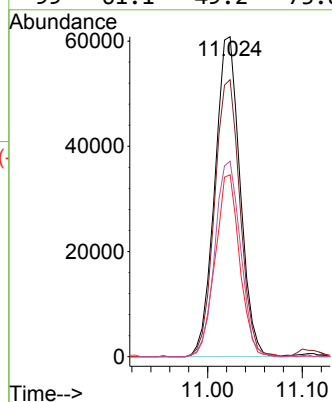
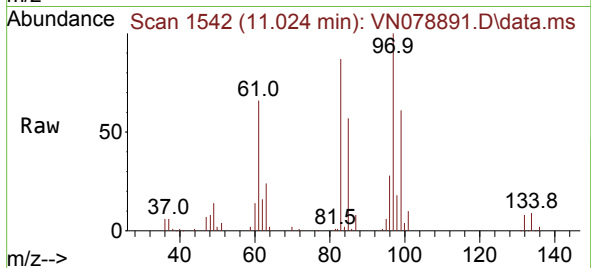
Ion Ratio Lower Upper

97 100

83 86.6 65.1 97.7

85 56.8 43.4 65.2

99 61.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 49.763 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

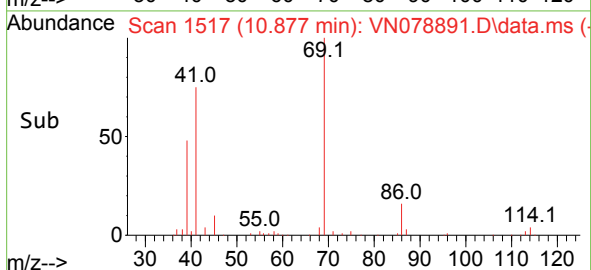
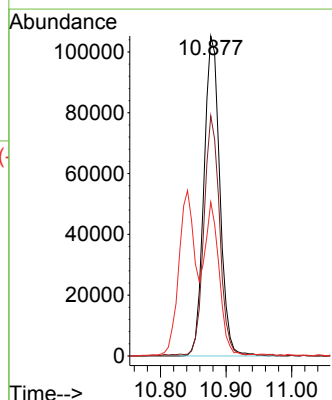
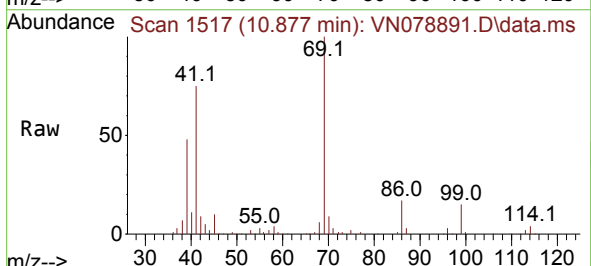
Tgt Ion: 69 Resp: 177616

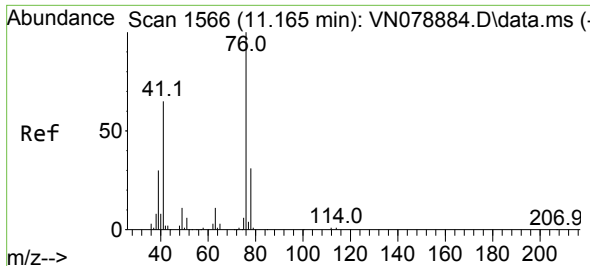
Ion Ratio Lower Upper

69 100

41 74.4 39.6 59.4#

39 43.8 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 48.222 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

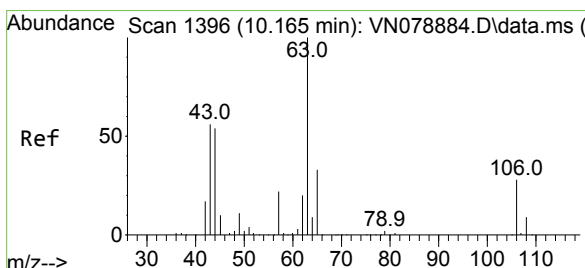
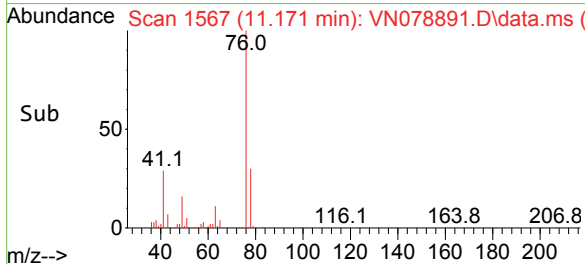
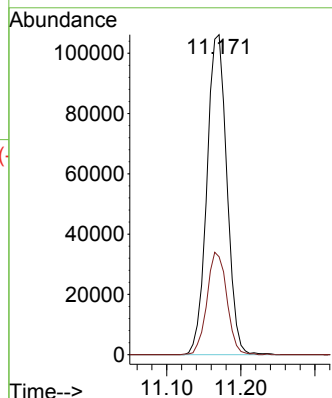
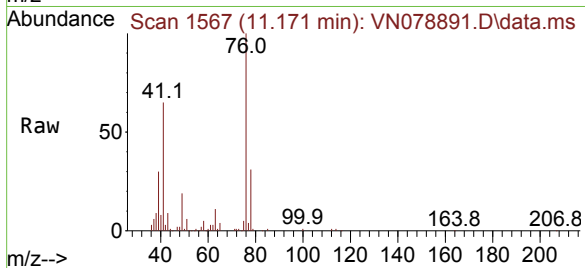
VSTDCCC050

Tgt Ion: 76 Resp: 198595

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 249.899 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078891.D

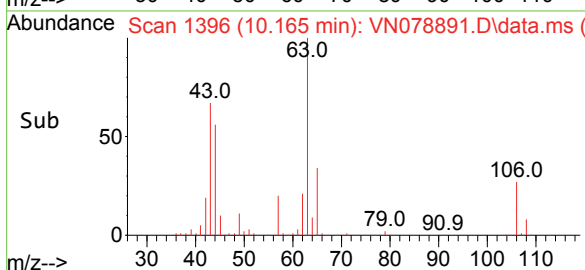
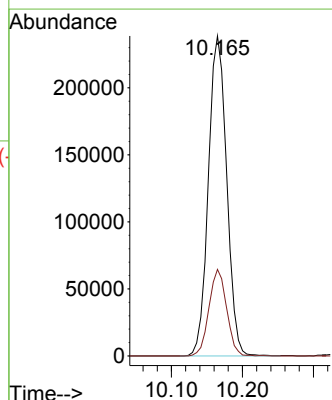
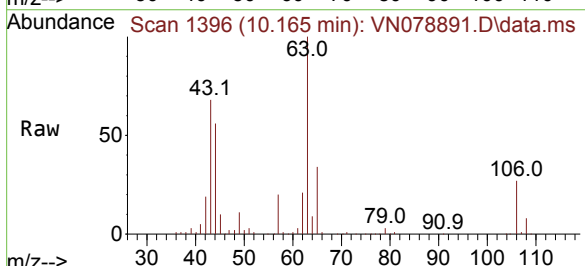
Acq: 16 Aug 2023 09:58

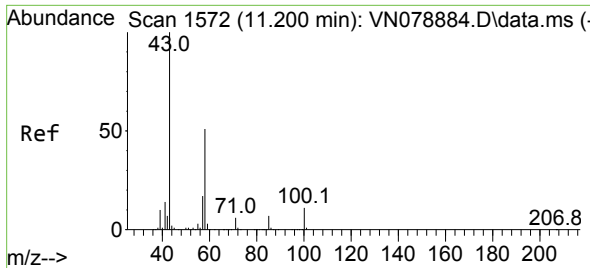
Tgt Ion: 63 Resp: 428153

Ion Ratio Lower Upper

63 100

106 26.1 26.2 39.4#

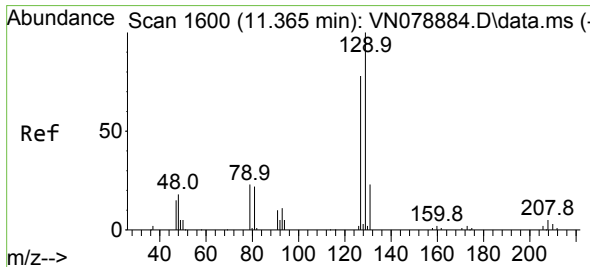
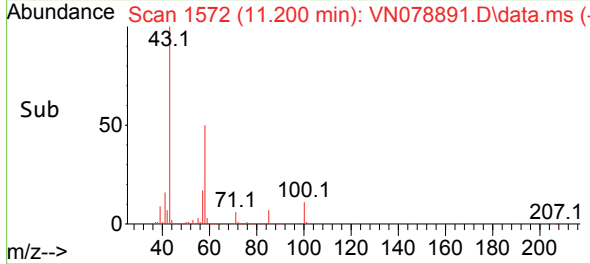
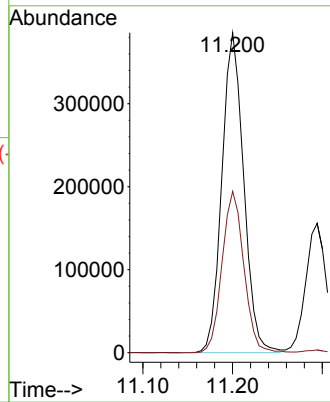
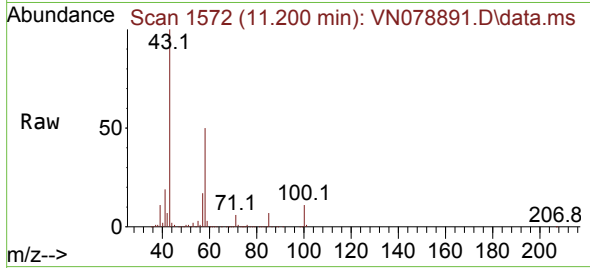




#59
2-Hexanone
Concen: 242.034 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

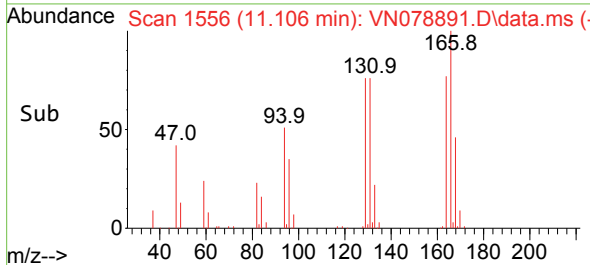
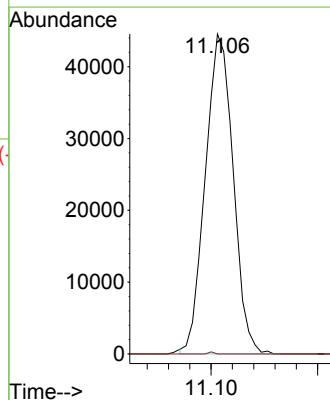
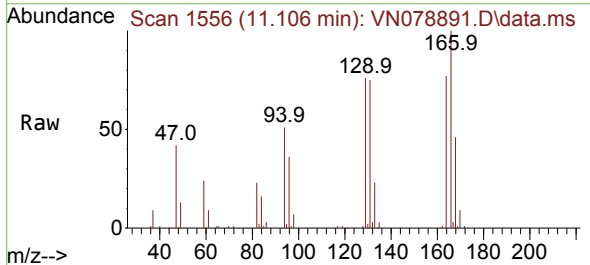
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

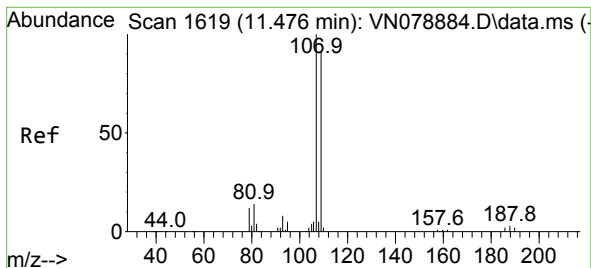
Tgt Ion: 43 Resp: 650642
Ion Ratio Lower Upper
43 100
58 50.4 31.7 95.1



#60
Dibromochloromethane
Concen: 33.436 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.259 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 129 Resp: 81015
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#





#61

1,2-Dibromoethane

Concen: 47.487 ug/l

RT: 11.477 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

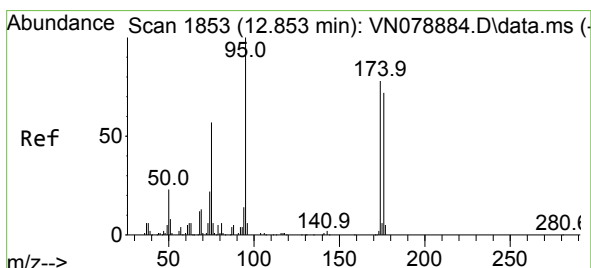
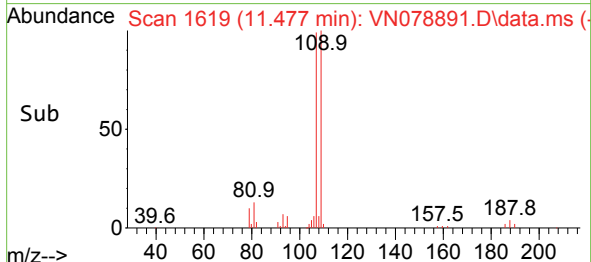
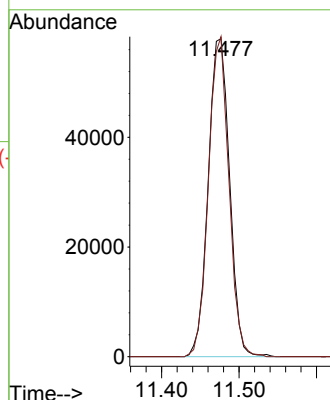
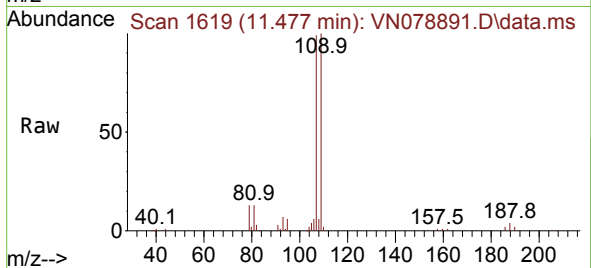
VSTDCCC050

Tgt Ion:107 Resp: 111112

Ion Ratio Lower Upper

107 100

109 95.8 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 54.601 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

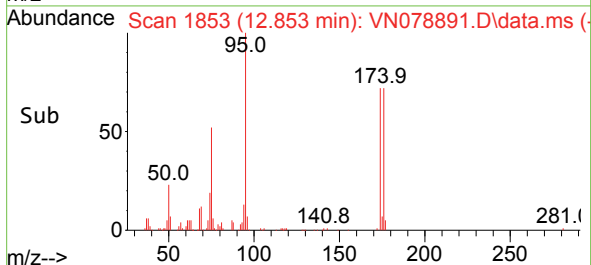
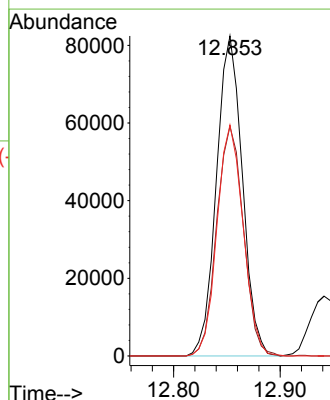
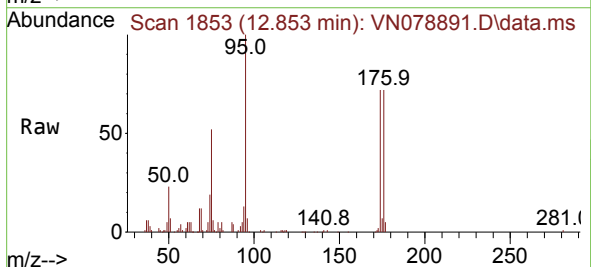
Tgt Ion: 95 Resp: 139398

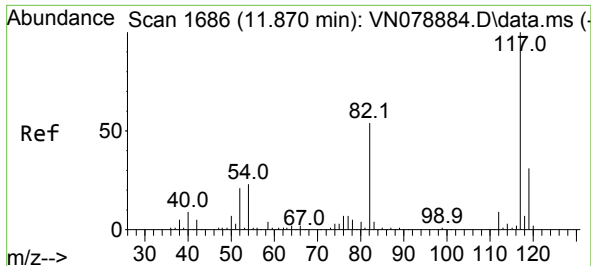
Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.8

176 72.8 0.0 135.8

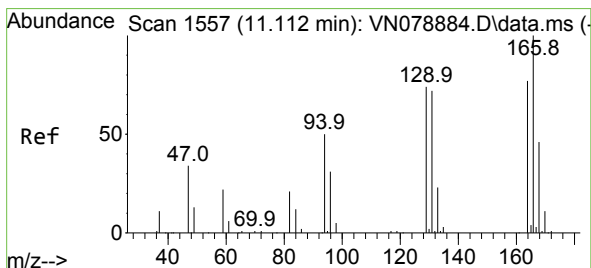
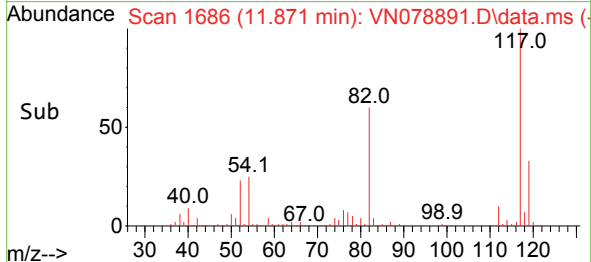
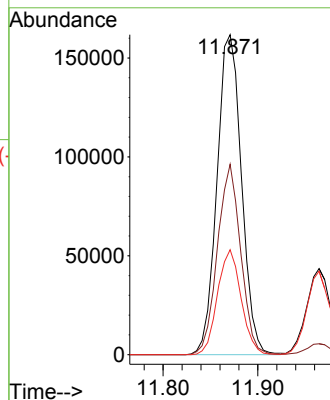
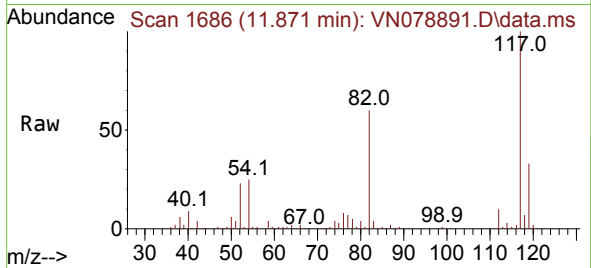




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

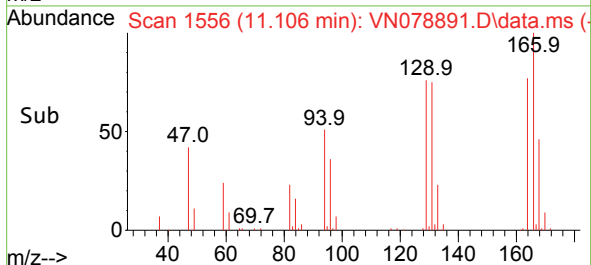
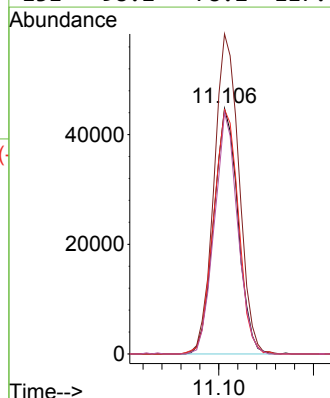
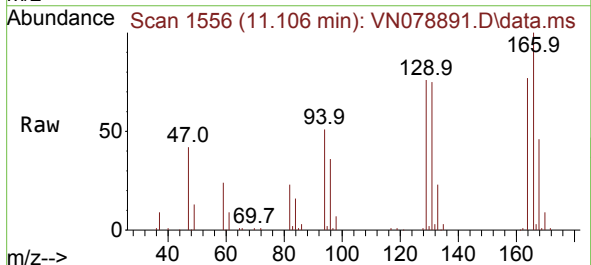
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

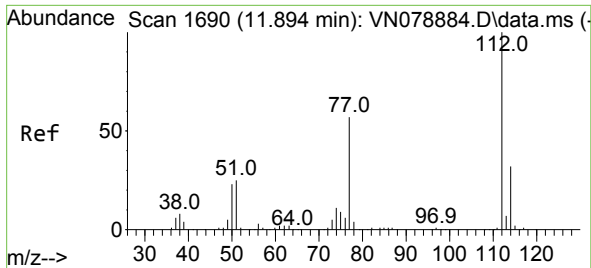
Tgt Ion:117 Resp: 291110
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 43.558 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:164 Resp: 79520
Ion Ratio Lower Upper
164 100
166 130.3 101.4 152.0
129 99.5 82.4 123.6
131 98.2 78.2 117.4

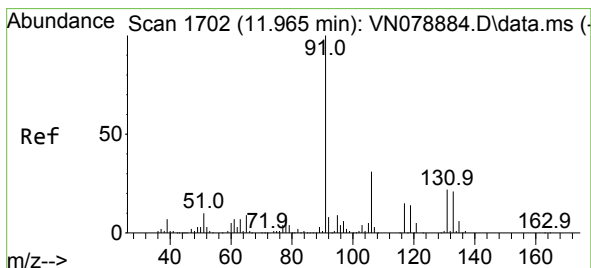
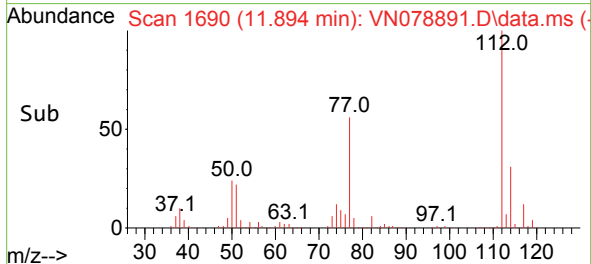
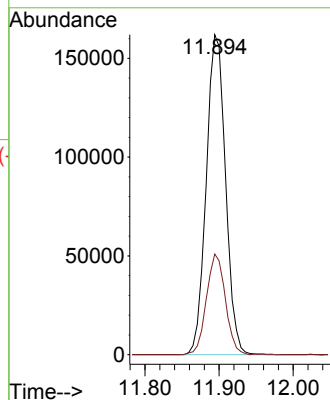
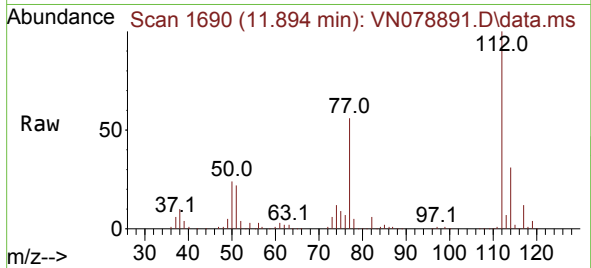




#65
Chlorobenzene
Concen: 47.232 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

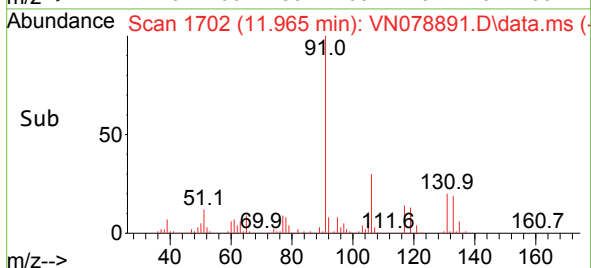
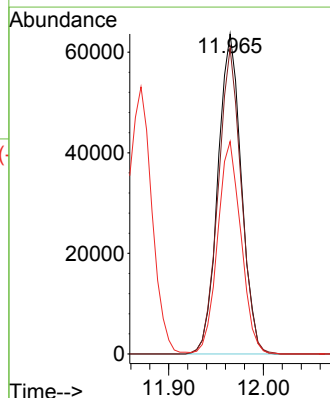
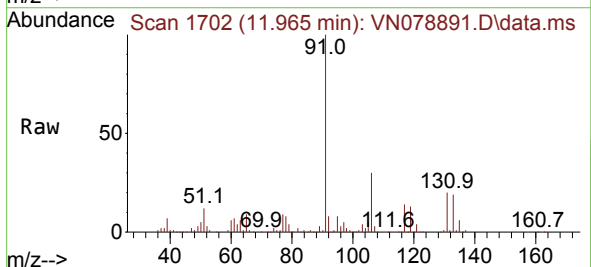
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

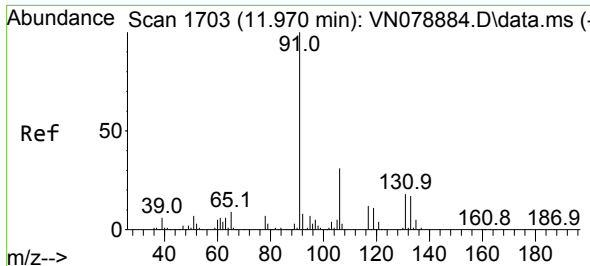
Tgt Ion:112 Resp: 292682
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.652 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:131 Resp: 109251
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 66.5 34.1 102.2

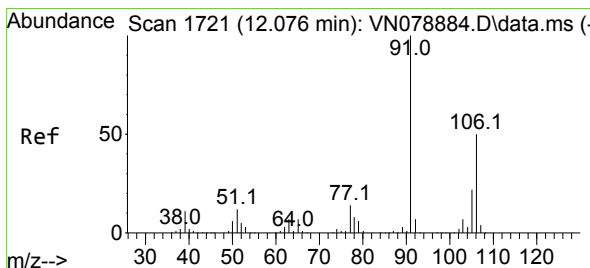
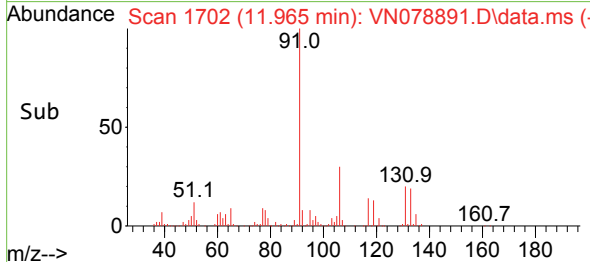
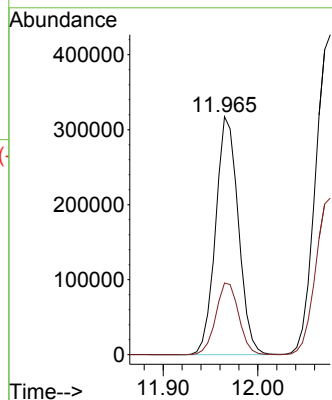
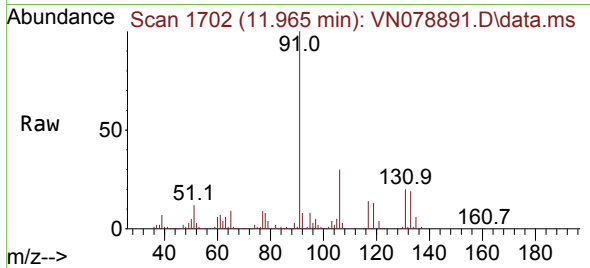




#67
Ethyl Benzene
Concen: 47.016 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

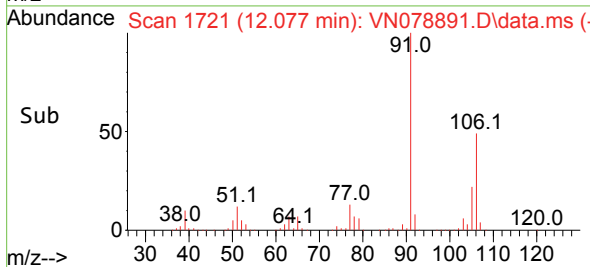
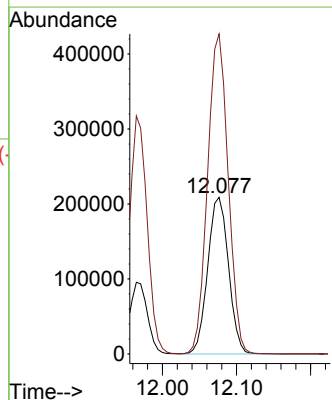
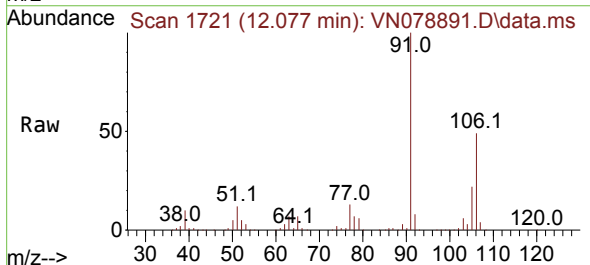
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

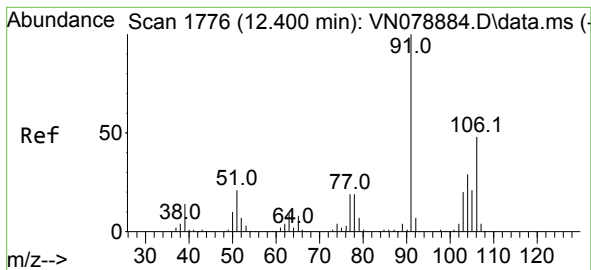
Tgt Ion: 91 Resp: 529812
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4



#68
m/p-Xylenes
Concen: 96.703 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:106 Resp: 407428
Ion Ratio Lower Upper
106 100
91 202.4 159.6 239.4





#69

o-Xylene

Concen: 48.100 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

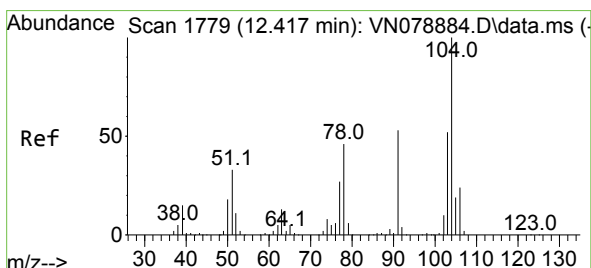
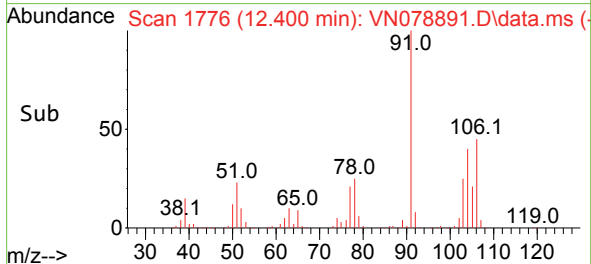
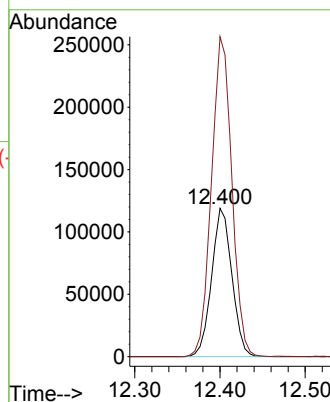
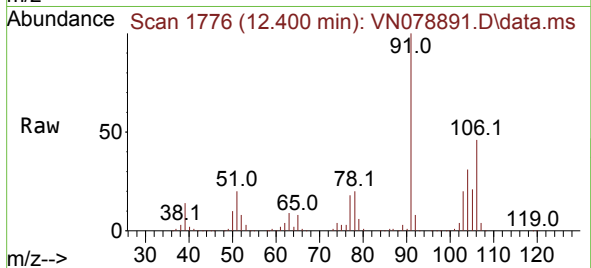
VSTDCCC050

Tgt Ion:106 Resp: 197136

Ion Ratio Lower Upper

106 100

91 216.7 105.2 315.5



#70

Styrene

Concen: 49.107 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

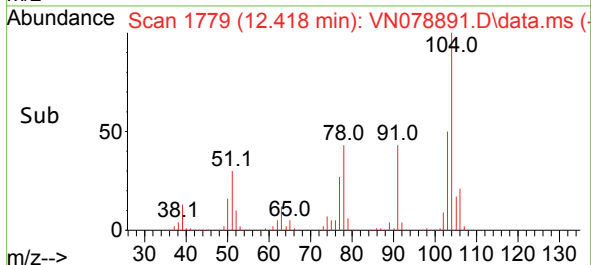
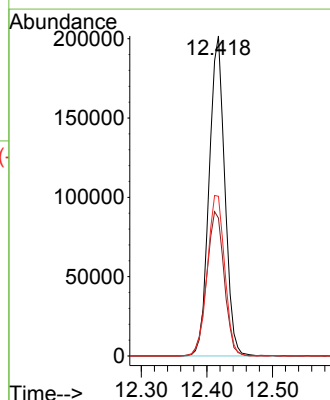
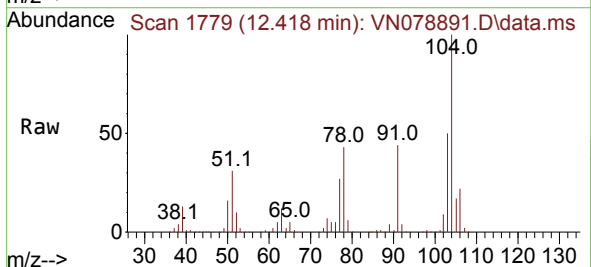
Tgt Ion:104 Resp: 335595

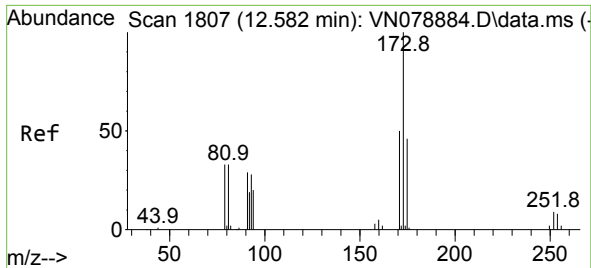
Ion Ratio Lower Upper

104 100

78 50.6 39.5 59.3

103 55.5 43.2 64.8

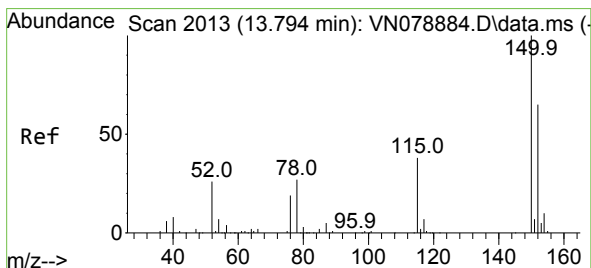
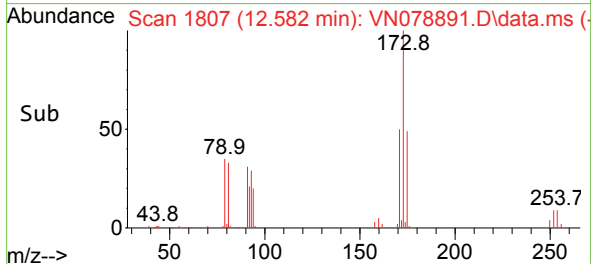
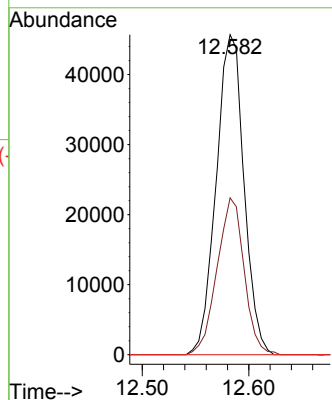
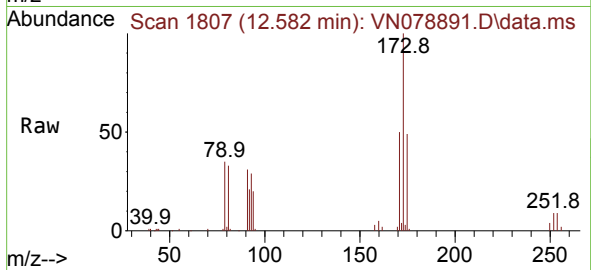




#71
Bromoform
Concen: 48.584 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

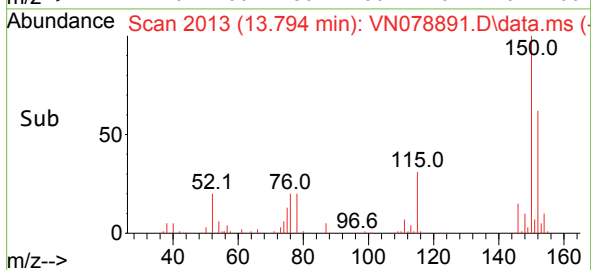
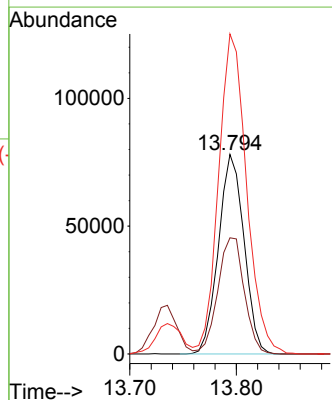
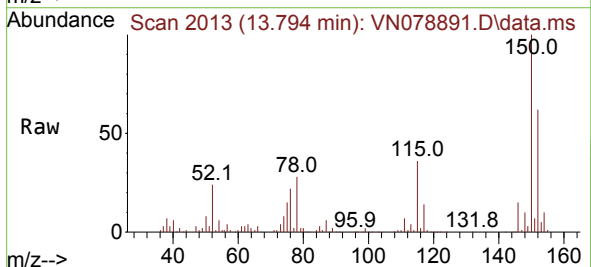
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

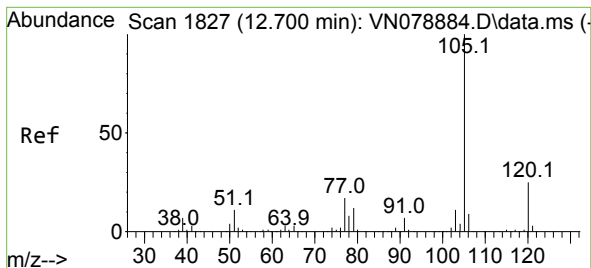
Tgt Ion:173 Resp: 82715
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:152 Resp: 130154
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 175.7 0.0 355.8





#73

Isopropylbenzene

Concen: 45.156 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

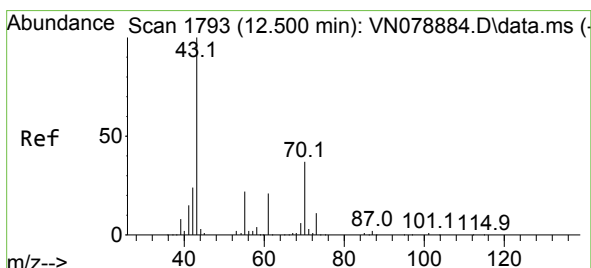
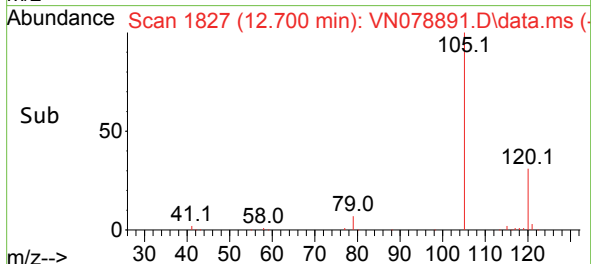
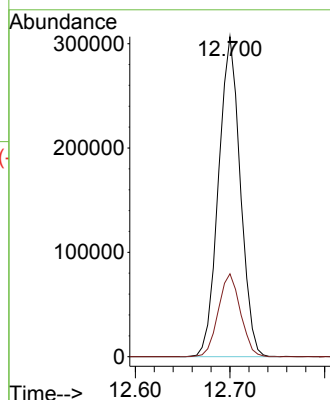
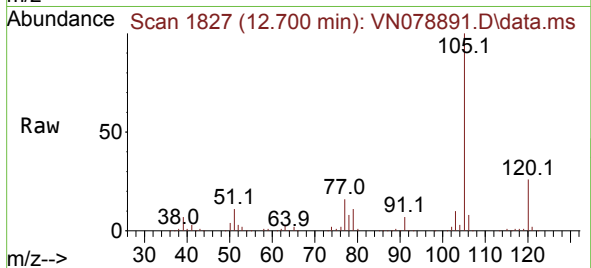
VSTDCCC050

Tgt Ion:105 Resp: 490051

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#74

N-ethyl acetate

Concen: 44.364 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Tgt Ion: 43 Resp: 243024

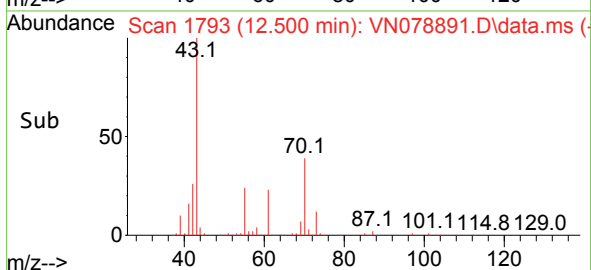
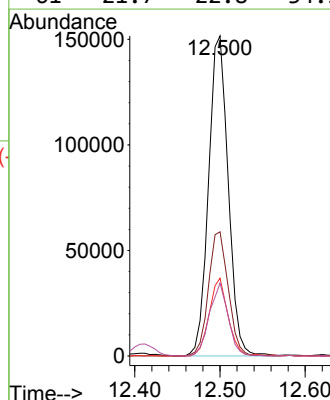
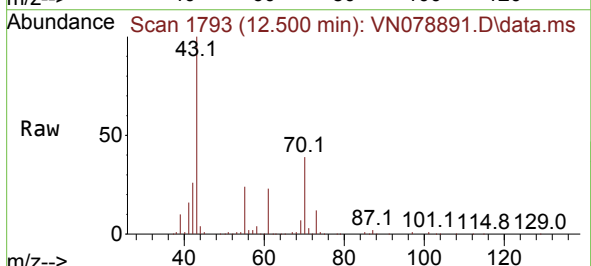
Ion Ratio Lower Upper

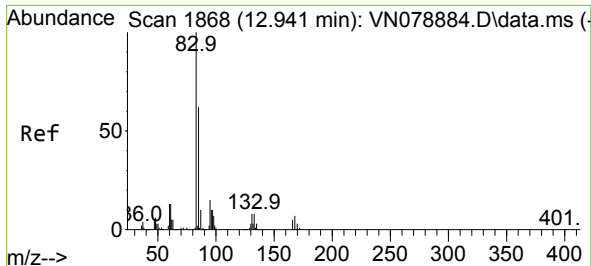
43 100

70 39.3 43.4 65.2#

55 23.6 21.4 32.0

61 21.7 22.8 34.2#

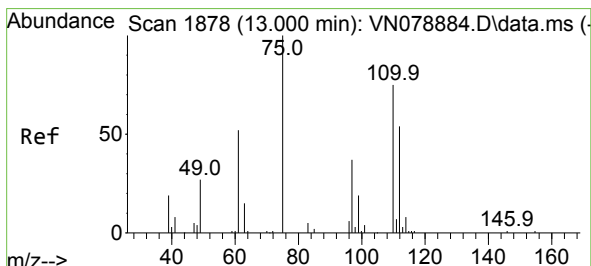
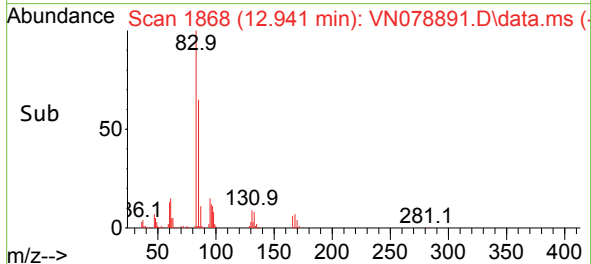
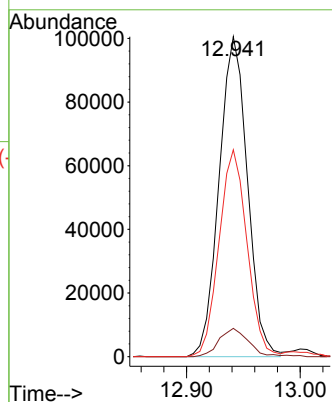
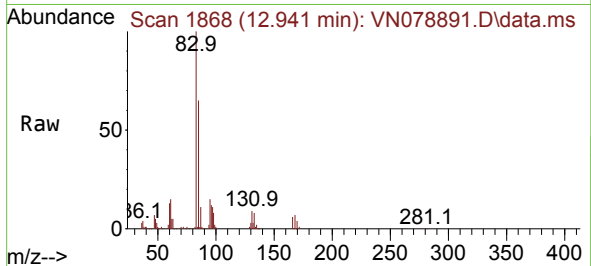




#75
1,1,2,2-Tetrachloroethane
Concen: 44.452 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

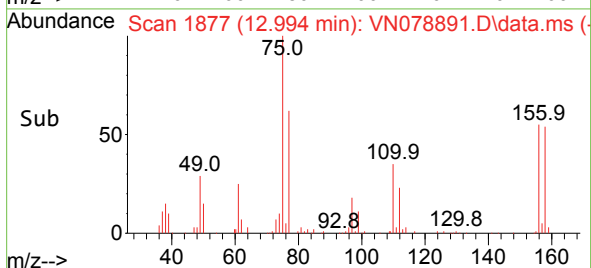
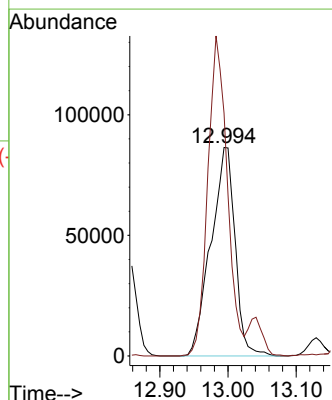
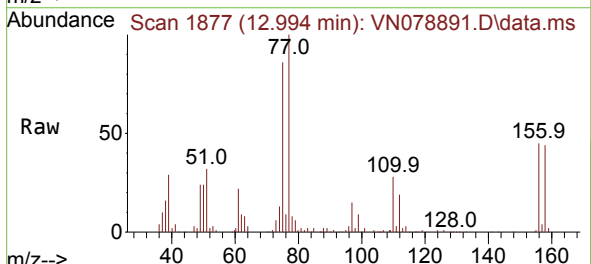
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

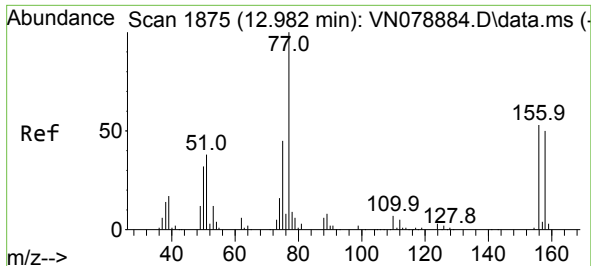
Tgt Ion: 83 Resp: 174187
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 68.211 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 75 Resp: 213914
Ion Ratio Lower Upper
75 100
77 123.4 84.5 253.5

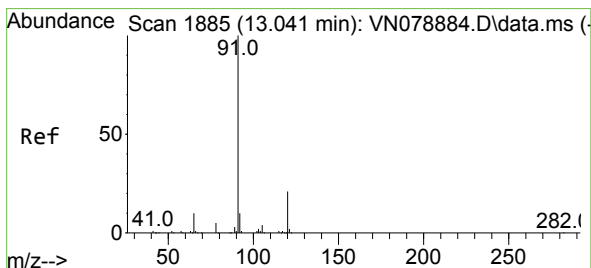
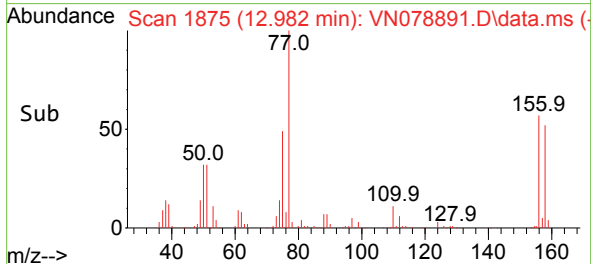
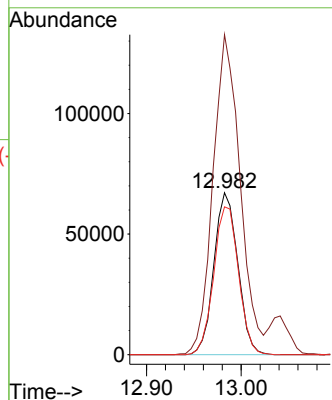
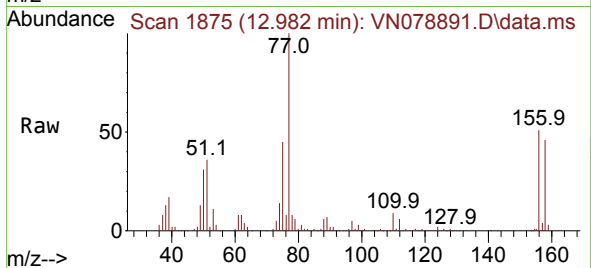




#77
Bromobenzene
Concen: 45.163 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

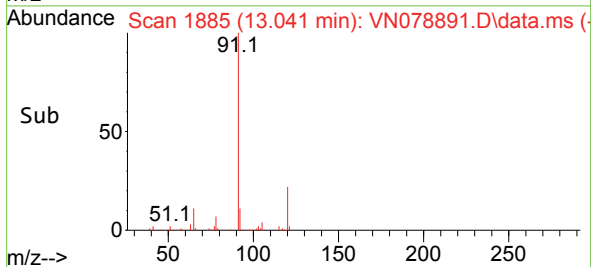
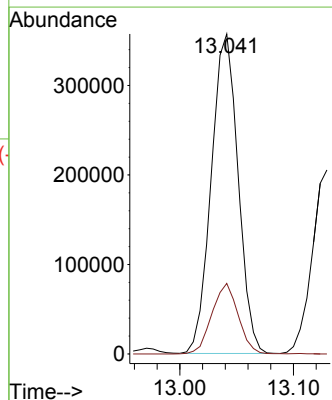
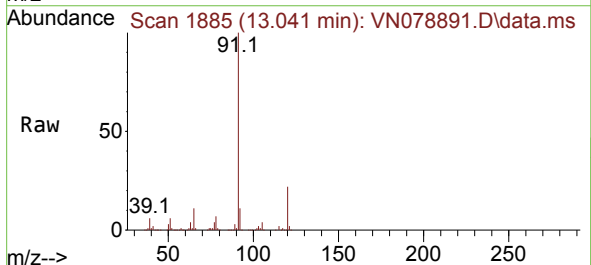
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

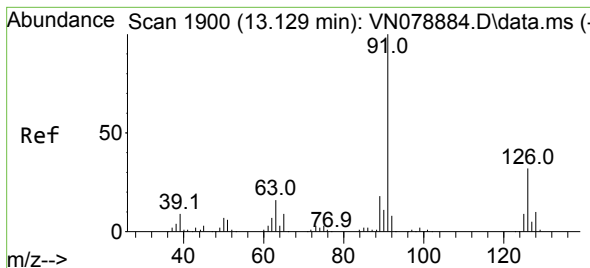
Tgt Ion:156 Resp: 117812
Ion Ratio Lower Upper
156 100
77 224.1 107.7 323.3
158 95.0 48.4 145.3



#78
n-propylbenzene
Concen: 46.578 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 91 Resp: 586156
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4

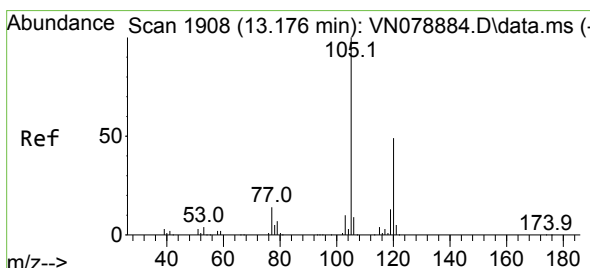
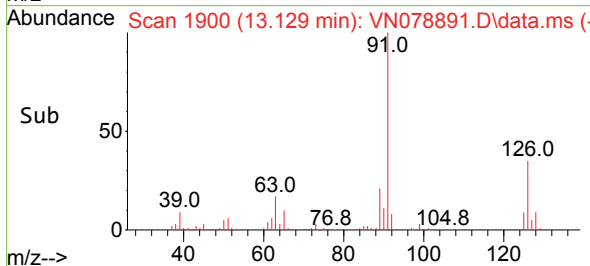
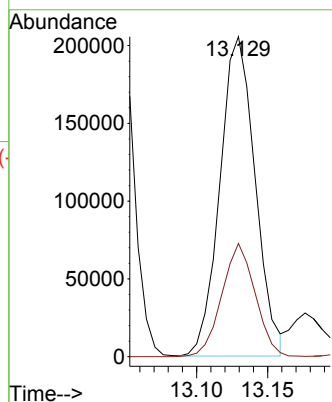
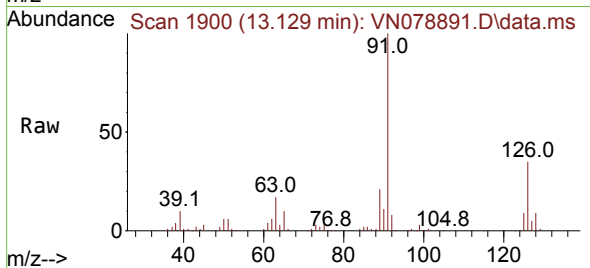




#79
2-Chlorotoluene
Concen: 45.402 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

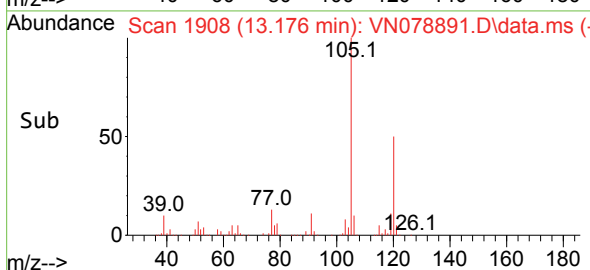
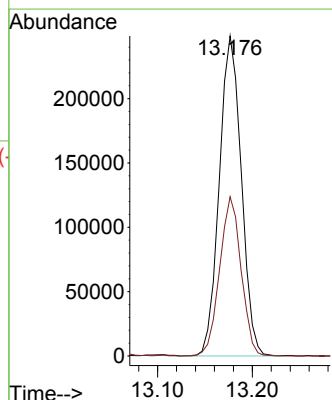
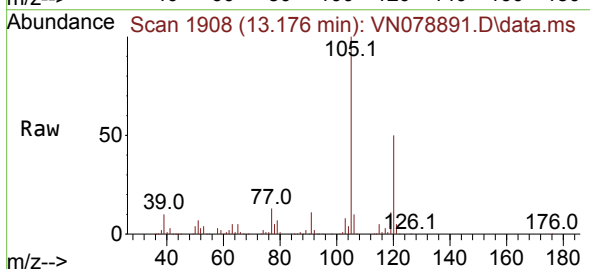
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

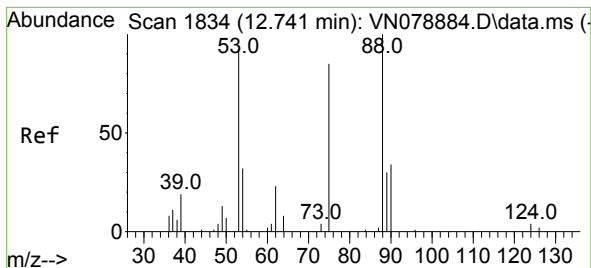
Tgt Ion: 91 Resp: 354427
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 46.757 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:105 Resp: 402120
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

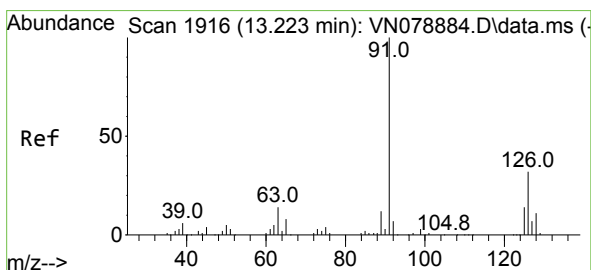
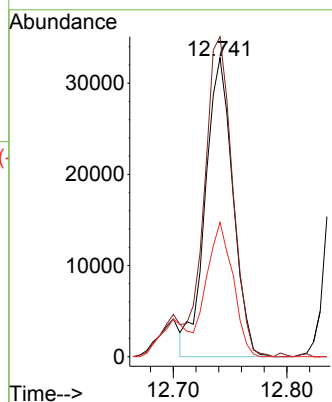
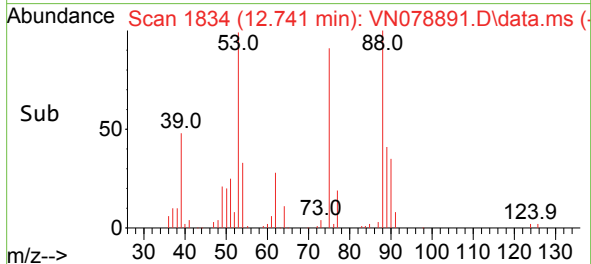
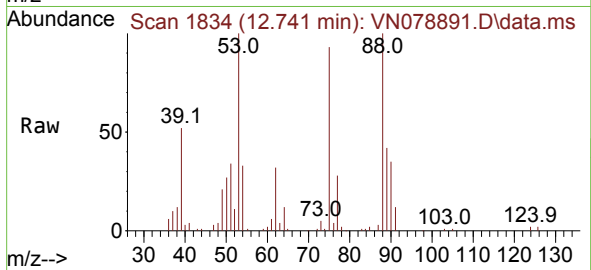




#81
trans-1,4-Dichloro-2-butene
Concen: 45.079 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

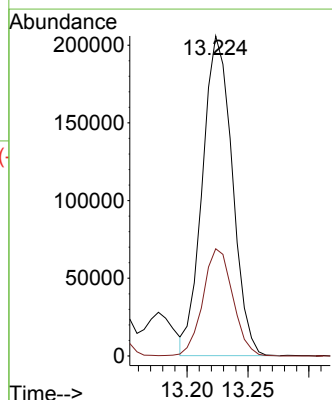
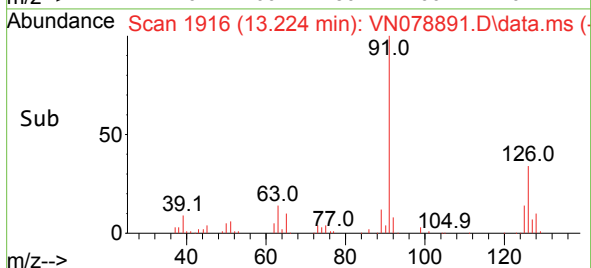
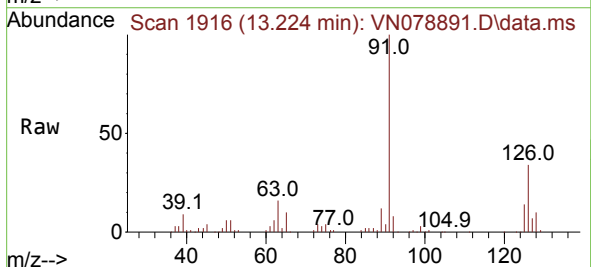
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

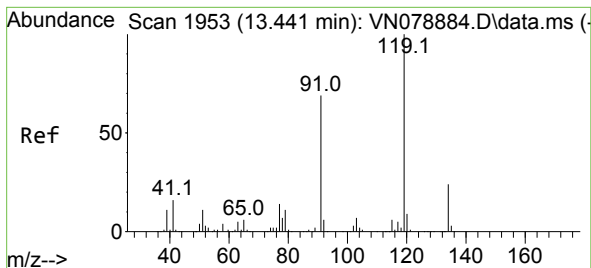
Tgt Ion: 75 Resp: 55341
Ion Ratio Lower Upper
75 100
53 109.4 67.4 101.2#
89 42.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 45.787 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.005 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 91 Resp: 349739
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0

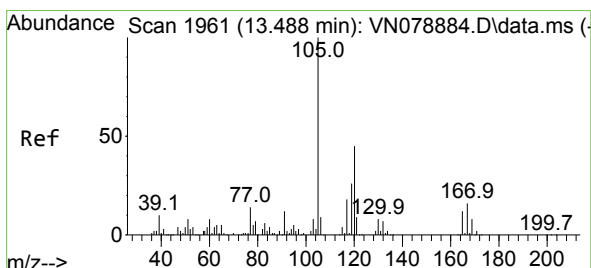
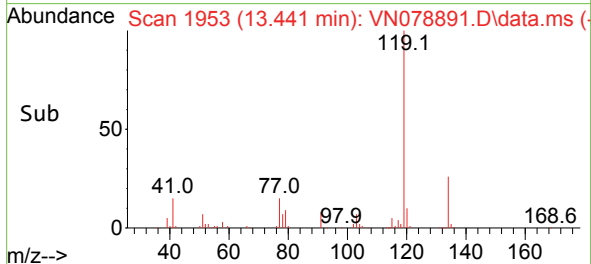
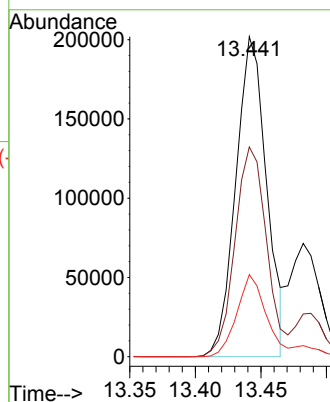
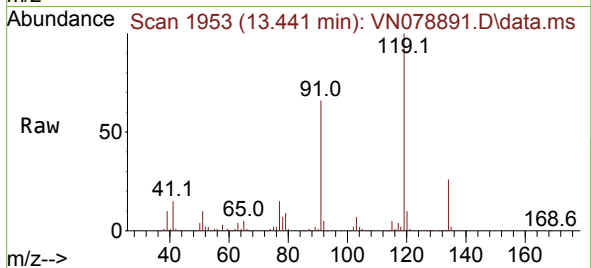




#83
tert-Butylbenzene
Concen: 45.660 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

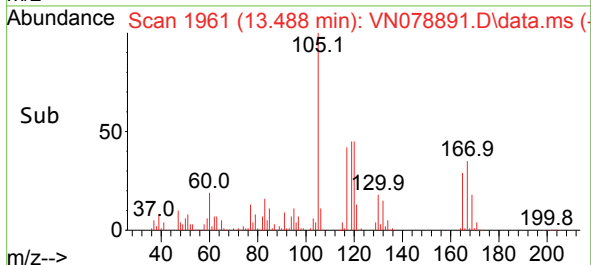
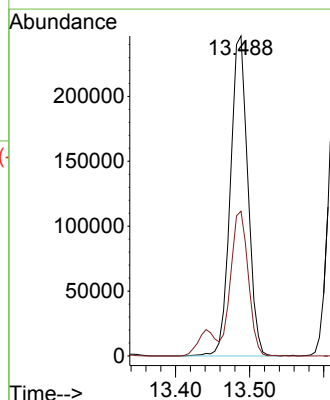
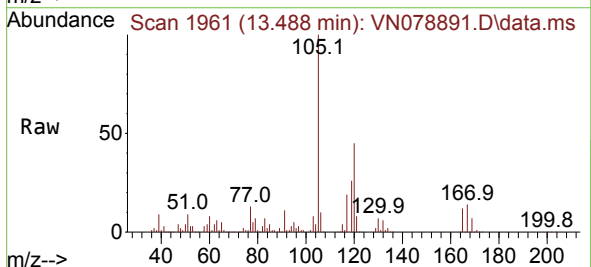
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

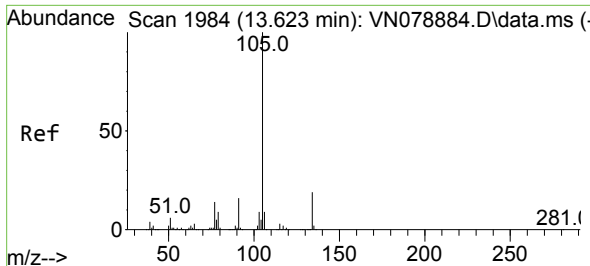
Tgt Ion:119 Resp: 329936
Ion Ratio Lower Upper
119 100
91 67.6 33.9 101.7
134 27.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 47.329 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:105 Resp: 403037
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0

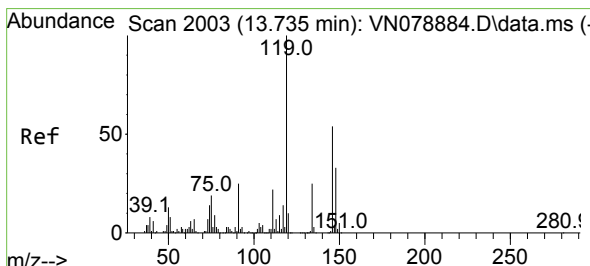
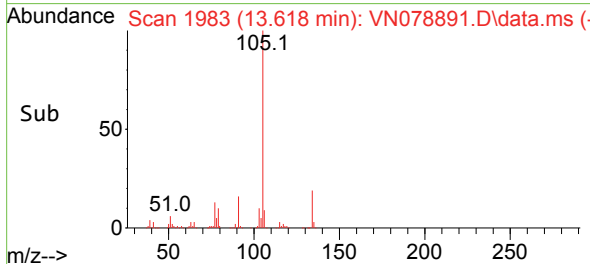
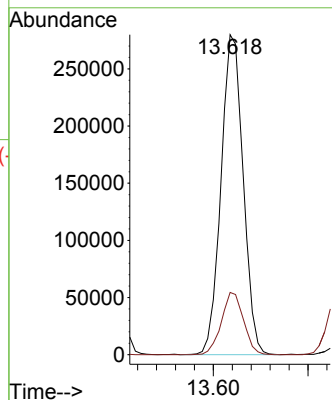
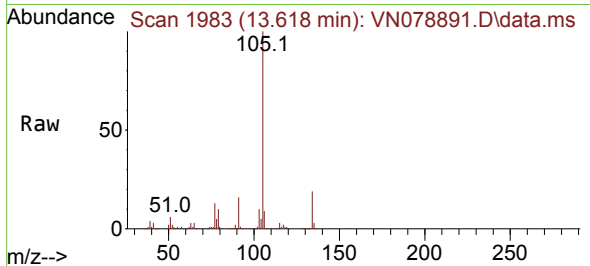




#85
 sec-Butylbenzene
 Concen: 45.760 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

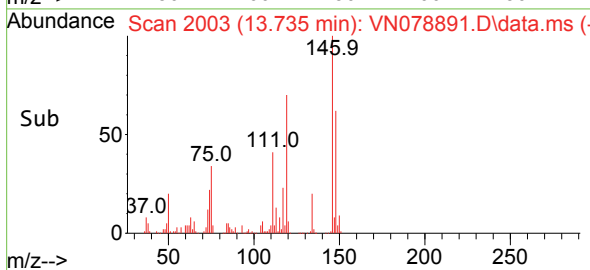
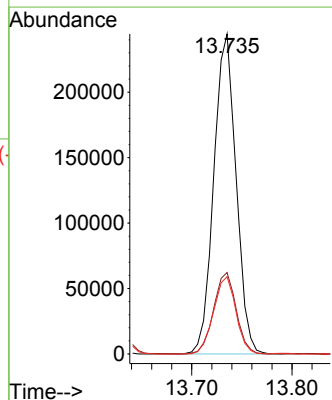
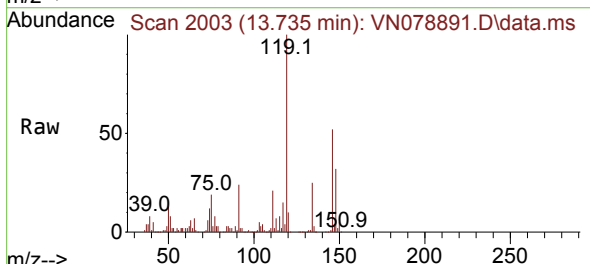
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

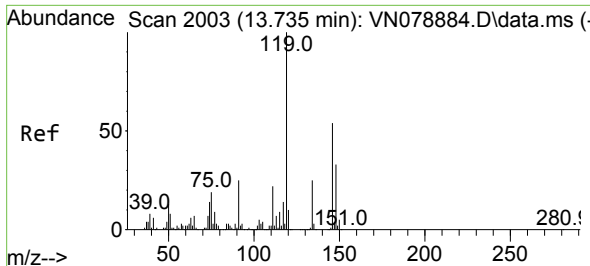
Tgt Ion:105 Resp: 455057
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 47.420 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078891.D
 Acq: 16 Aug 2023 09:58

Tgt Ion:119 Resp: 376755
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.2 12.4 37.2

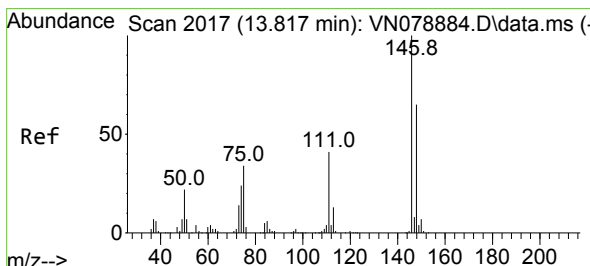
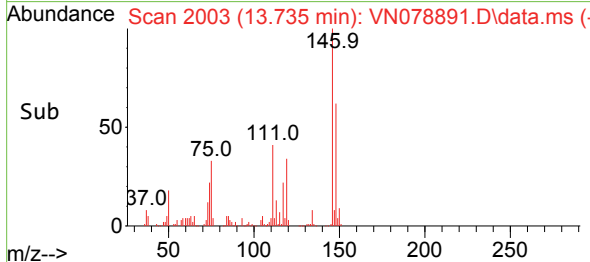
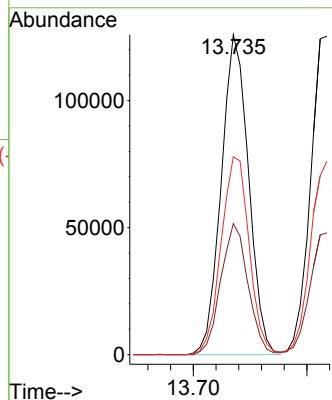
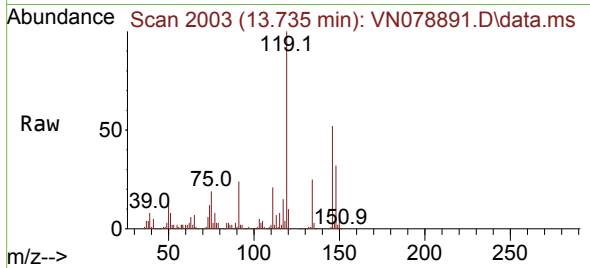




#87
1,3-Dichlorobenzene
Concen: 46.885 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

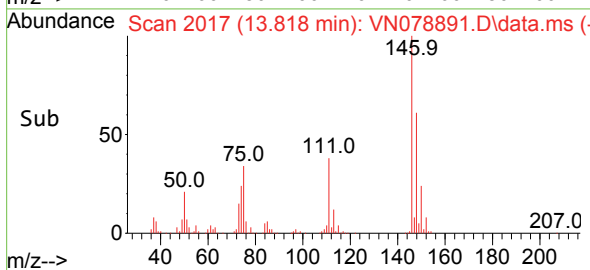
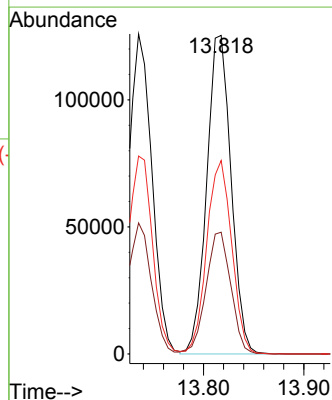
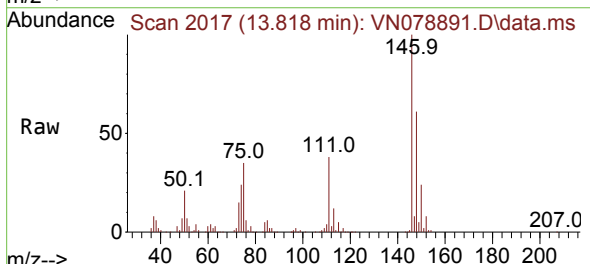
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

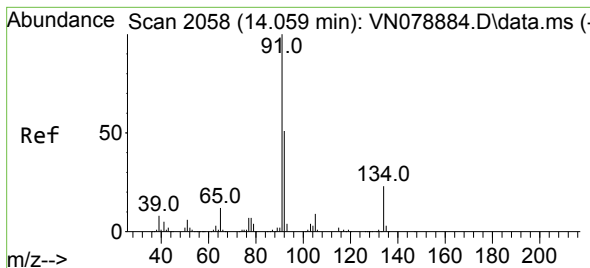
Tgt Ion:146 Resp: 210455
Ion Ratio Lower Upper
146 100
111 40.8 22.1 66.3
148 63.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 47.258 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:146 Resp: 212323
Ion Ratio Lower Upper
146 100
111 39.0 20.6 61.8
148 62.2 31.6 94.8





#89

n-Butylbenzene

Concen: 47.230 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

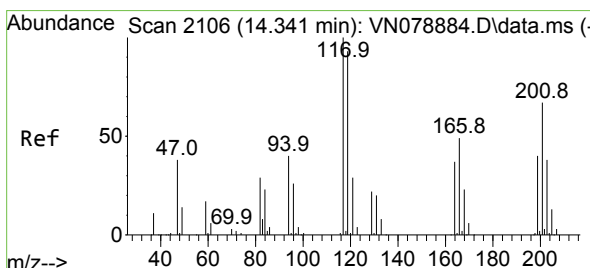
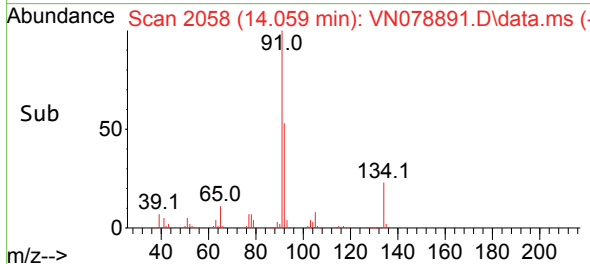
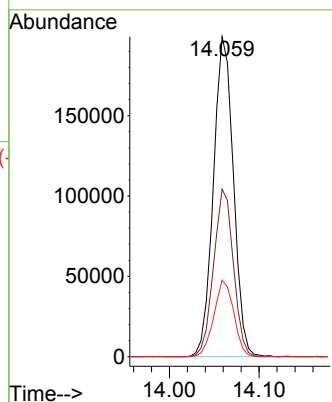
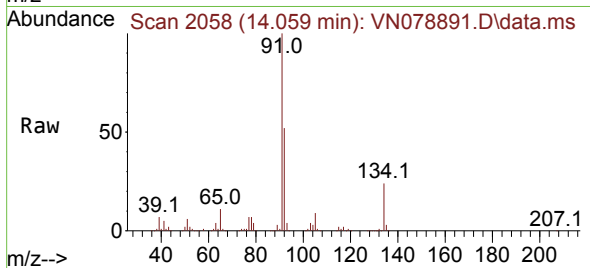
Tgt Ion: 91 Resp: 308808

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 23.7 12.6 37.6



#90

Hexachloroethane

Concen: 45.597 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078891.D

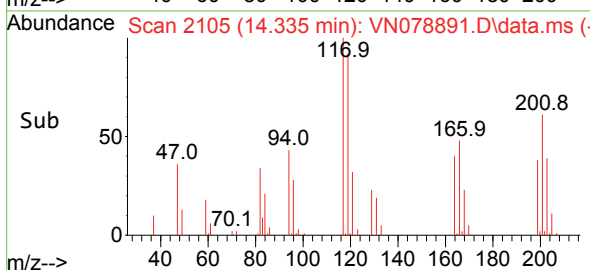
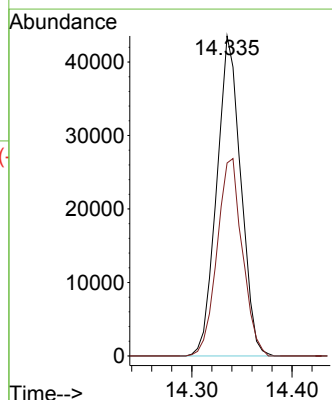
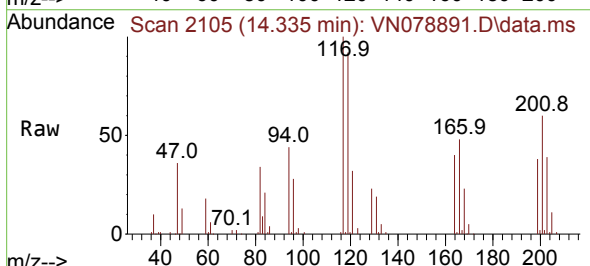
Acq: 16 Aug 2023 09:58

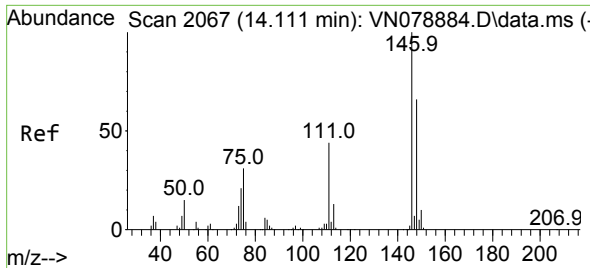
Tgt Ion: 117 Resp: 72619

Ion Ratio Lower Upper

117 100

201 64.7 29.3 88.0

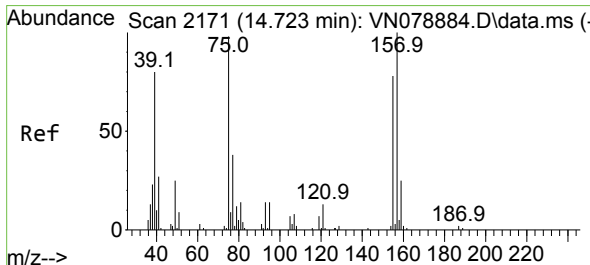
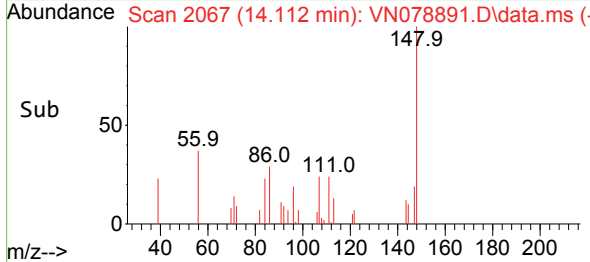
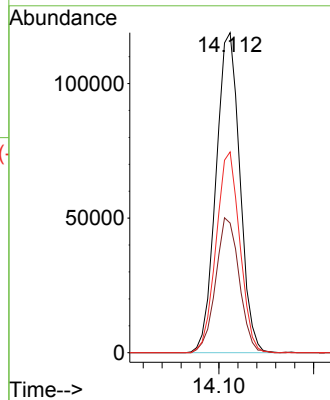
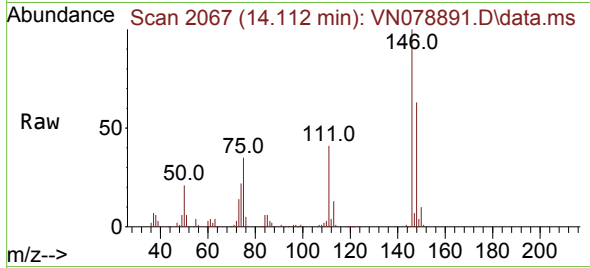




#91
1,2-Dichlorobenzene
Concen: 46.493 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

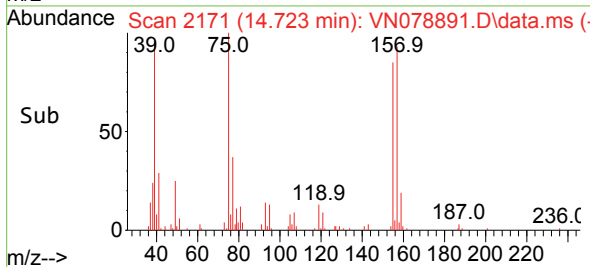
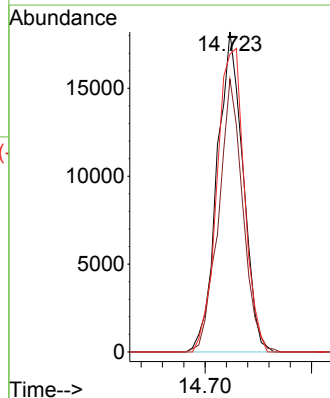
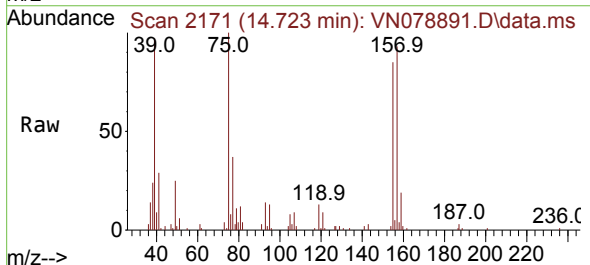
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

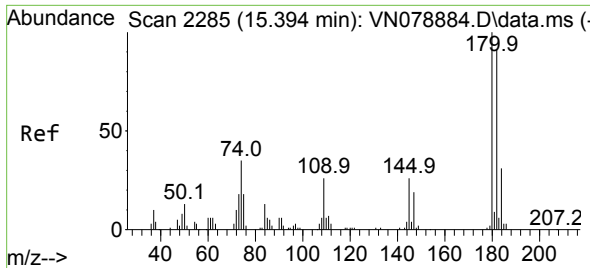
Tgt Ion:146 Resp: 207541
Ion Ratio Lower Upper
146 100
111 41.8 22.0 66.0
148 62.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.127 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion: 75 Resp: 30700
Ion Ratio Lower Upper
75 100
155 80.0 39.1 117.2
157 100.1 50.3 150.9

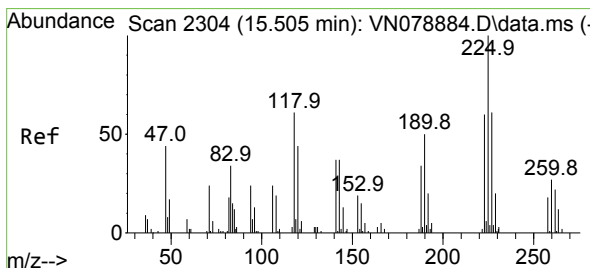
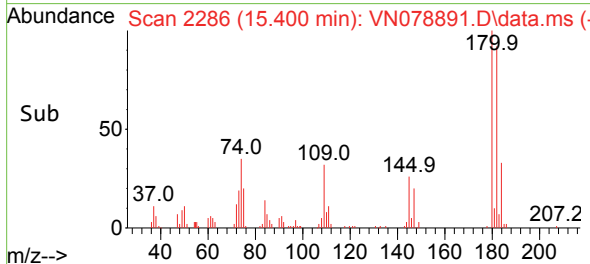
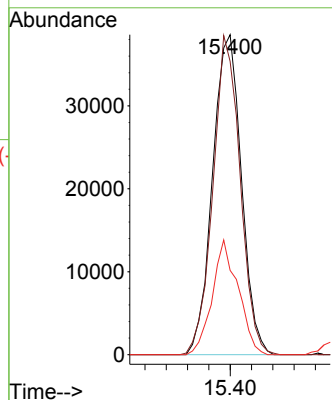
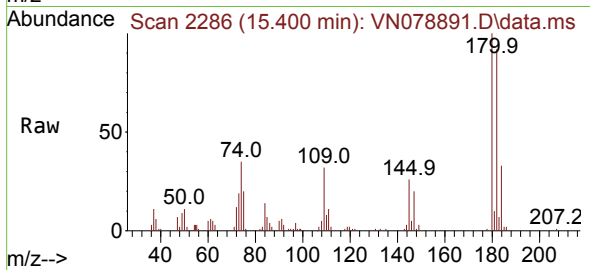




#93
1,2,4-Trichlorobenzene
Concen: 45.745 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

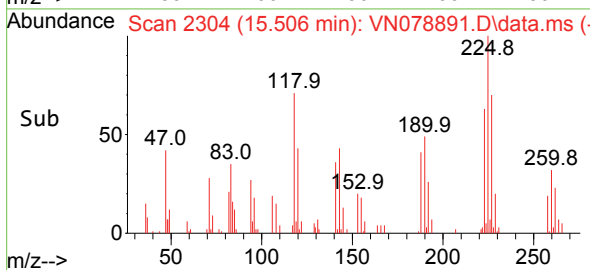
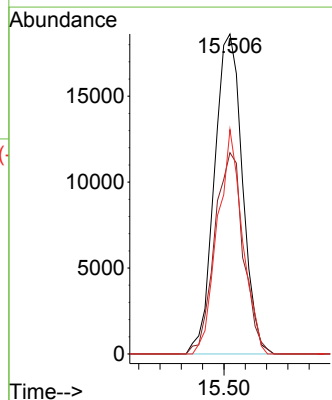
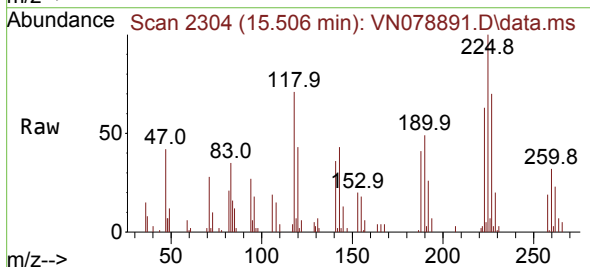
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

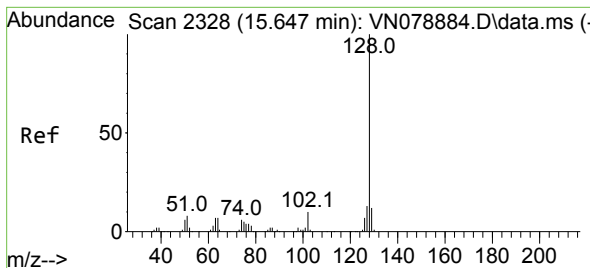
Tgt Ion:180 Resp: 72391
Ion Ratio Lower Upper
180 100
182 94.0 46.1 138.2
145 32.3 16.6 49.8



#94
Hexachlorobutadiene
Concen: 39.887 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078891.D
Acq: 16 Aug 2023 09:58

Tgt Ion:225 Resp: 33948
Ion Ratio Lower Upper
225 100
223 64.8 31.3 93.8
227 62.8 31.9 95.9





#95

Naphthalene

Concen: 40.807 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

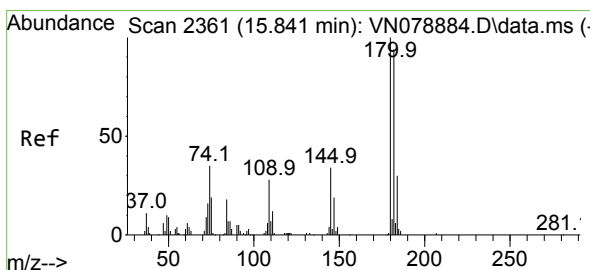
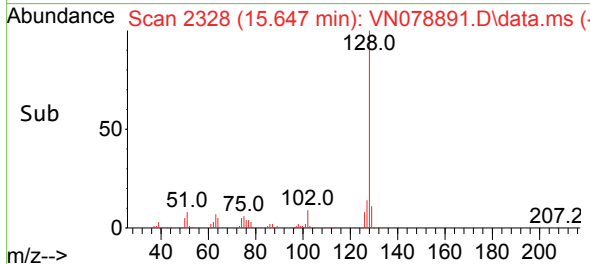
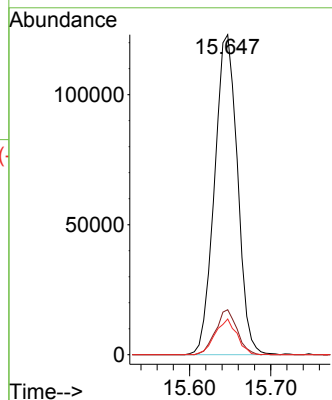
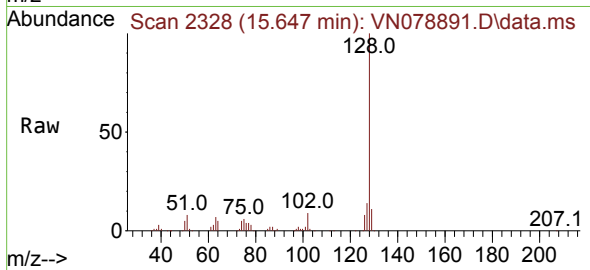
Tgt Ion:128 Resp: 241758

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.101 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078891.D

Acq: 16 Aug 2023 09:58

Tgt Ion:180 Resp: 78169

Ion Ratio Lower Upper

180 100

182 95.5 46.2 138.6

145 32.9 17.5 52.6

