

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078604.D
 Acq On : 21 Jul 2023 09:52
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 21 23:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	475826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	781425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	698816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	289326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	328681	51.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.060%	
35) Dibromofluoromethane	8.177	113	294850	55.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.160%	
50) Toluene-d8	10.571	98	1084140	54.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.200%	
62) 4-Bromofluorobenzene	12.853	95	346990	56.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.440%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	256053	43.891	ug/l	99
3) Chloromethane	2.371	50	300410	47.377	ug/l	99
4) Vinyl Chloride	2.518	62	406283	49.531	ug/l	97
5) Bromomethane	2.948	94	245794	47.086	ug/l	97
6) Chloroethane	3.118	64	244645	49.277	ug/l	96
7) Trichlorofluoromethane	3.501	101	471080	48.043	ug/l	93
8) Diethyl Ether	3.971	74	161623	49.473	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	265752	51.200	ug/l	97
10) Methyl Iodide	4.600	142	341572	47.889	ug/l	95
11) Tert butyl alcohol	5.530	59	229265	233.075	ug/l	98
12) 1,1-Dichloroethene	4.348	96	242476	48.294	ug/l	94
13) Acrolein	4.189	56	239546	247.521	ug/l	96
14) Allyl chloride	5.030	41	330663	48.197	ug/l	93
15) Acrylonitrile	5.730	53	611964	246.232	ug/l	100
16) Acetone	4.436	43	629319	316.711	ug/l	97
17) Carbon Disulfide	4.718	76	582161	40.098	ug/l	98
18) Methyl Acetate	5.036	43	408828	48.603	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	843441	50.986	ug/l	94
20) Methylene Chloride	5.289	84	296250	52.027	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	273250	48.296	ug/l	87
22) Diisopropyl ether	6.683	45	832669	54.203	ug/l	94
23) Vinyl Acetate	6.612	43	2515745	257.597	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	517945	50.036	ug/l	97
25) 2-Butanone	7.488	43	841690	269.093	ug/l	88
26) 2,2-Dichloropropane	7.500	77	457534	54.041	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	336403	51.397	ug/l	93
28) Bromochloromethane	7.818	49	256954	52.702	ug/l	90
29) Tetrahydrofuran	7.841	42	492669	240.044	ug/l	85
30) Chloroform	7.977	83	567320	52.642	ug/l	93
31) Cyclohexane	8.265	56	395497	45.877	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	500304	51.779	ug/l	96
36) 1,1-Dichloropropene	8.377	75	402299	52.524	ug/l	97
37) Ethyl Acetate	7.565	43	315402	49.398	ug/l #	95
38) Carbon Tetrachloride	8.371	117	444060	53.344	ug/l	97
39) Methylcyclohexane	9.606	83	371740	53.171	ug/l	91
40) Benzene	8.612	78	1202097	52.976	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	171651	52.735	ug/l	94
42) 1,2-Dichloroethane	8.677	62	410318	53.163	ug/l	99
43) Isopropyl Acetate	8.694	43	565223	53.769	ug/l	95
44) Trichloroethene	9.359	130	311250	50.893	ug/l	100
45) 1,2-Dichloropropane	9.630	63	317663	55.274	ug/l	97
46) Dibromomethane	9.718	93	218986	54.138	ug/l	93
47) Bromodichloromethane	9.894	83	452322	55.784	ug/l	98
48) Methyl methacrylate	9.688	41	258302	53.038	ug/l	91
49) 1,4-Dioxane	9.700	88	109390	1029.965	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	1658768	265.291	ug/l	94
52) Toluene	10.635	92	759841	54.029	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	469481	56.517	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	503825	56.900	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	306679	55.348	ug/l	99
56) Ethyl methacrylate	10.876	69	433031	55.906	ug/l	92
57) 1,3-Dichloropropane	11.165	76	511270	54.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	732711	265.442	ug/l	93
59) 2-Hexanone	11.200	43	1206957	271.603	ug/l	94
60) Dibromochloromethane	11.365	129	341345	55.802	ug/l	99
61) 1,2-Dibromoethane	11.476	107	304316	53.315	ug/l	99
64) Tetrachloroethene	11.106	164	261991	49.866	ug/l	98
65) Chlorobenzene	11.894	112	822071	52.629	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	322351	53.644	ug/l	98
67) Ethyl Benzene	11.971	91	1453109	55.035	ug/l	100
68) m/p-Xylenes	12.076	106	1099095	112.588	ug/l	98
69) o-Xylene	12.400	106	539042	54.668	ug/l	97
70) Styrene	12.418	104	883402	57.267	ug/l	98
71) Bromoform	12.582	173	223656	54.957	ug/l #	99
73) Isopropylbenzene	12.700	105	1357562	49.936	ug/l	99
74) N-amyl acetate	12.500	43	443421	47.329	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	416820	55.217	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	500246	71.532	ug/l	74
77) Bromobenzene	12.982	156	321221	54.471	ug/l	96
78) n-propylbenzene	13.041	91	1513540	52.058	ug/l	99
79) 2-Chlorotoluene	13.129	91	926889	48.671	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1110549	51.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	123306	46.333	ug/l	91
82) 4-Chlorotoluene	13.223	91	900833	50.707	ug/l	98
83) tert-Butylbenzene	13.441	119	927278	50.845	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1085379	52.020	ug/l	98
85) sec-Butylbenzene	13.623	105	1179140	51.152	ug/l	99
86) p-Isopropyltoluene	13.735	119	961762	51.960	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	543948	52.119	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	524037	49.850	ug/l	99
89) n-Butylbenzene	14.059	91	724511	54.706	ug/l	98
90) Hexachloroethane	14.335	117	188734	55.567	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	523925	50.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63355	48.626	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	161050	48.585	ug/l	98
94) Hexachlorobutadiene	15.506	225	102018	60.349	ug/l	97
95) Naphthalene	15.647	128	467071	41.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	176766	46.376	ug/l	96

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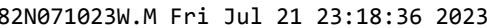
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

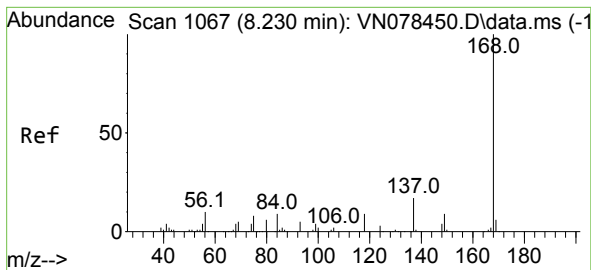
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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ClientSampleId :

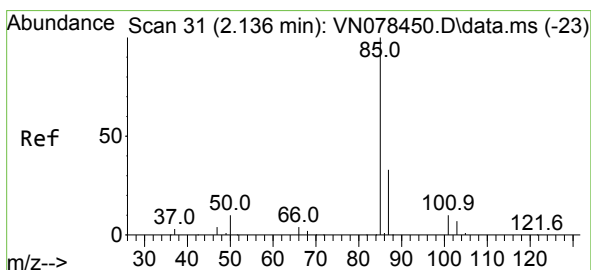
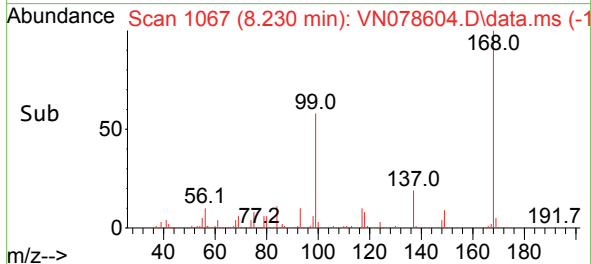
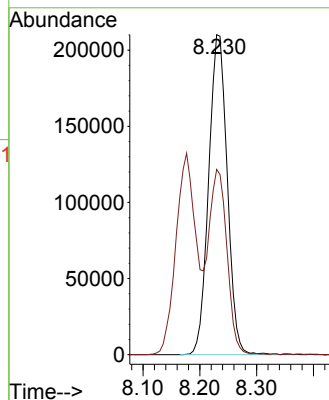
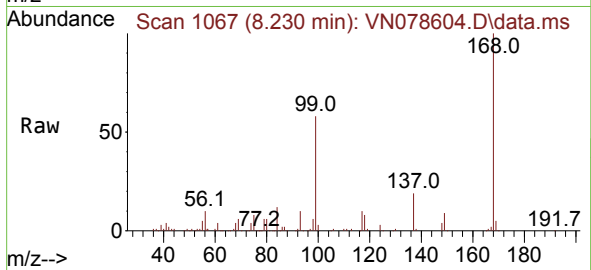
VSTDCCC050

Tgt Ion:168 Resp: 475826

Ion Ratio Lower Upper

168 100

99 57.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 43.891 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078604.D

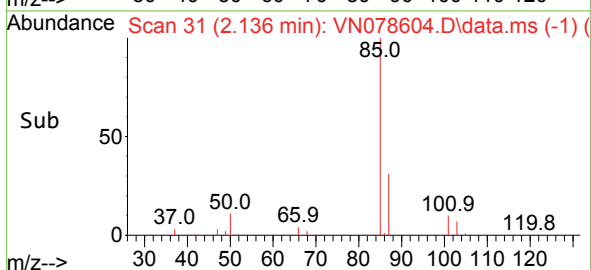
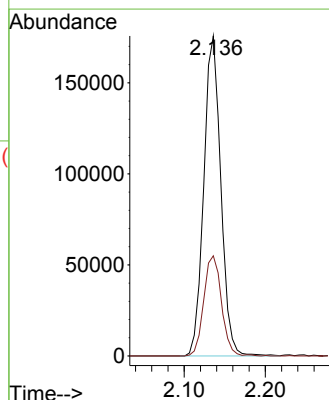
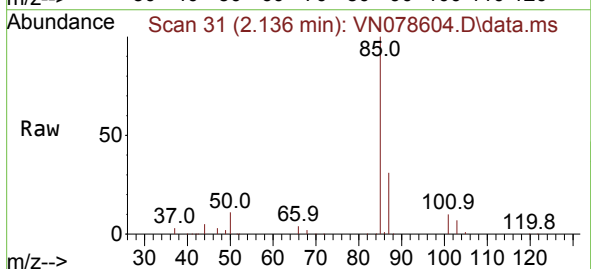
Acq: 21 Jul 2023 09:52

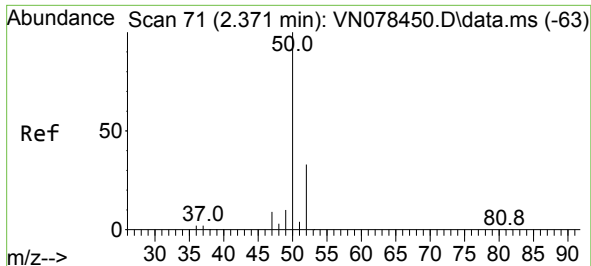
Tgt Ion: 85 Resp: 256053

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.4

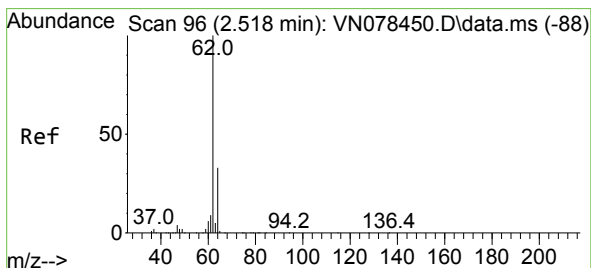
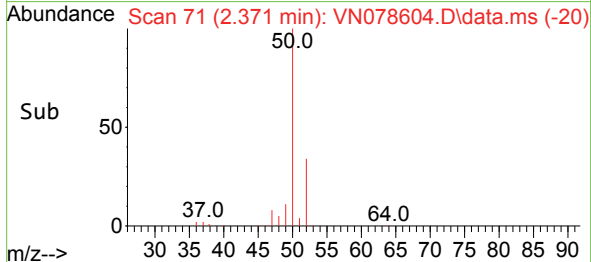
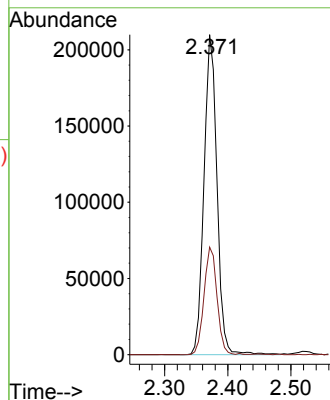
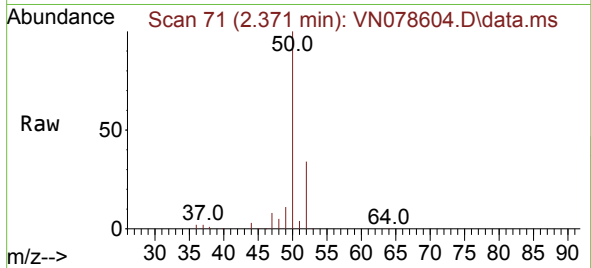




#3
Chloromethane
Concen: 47.377 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

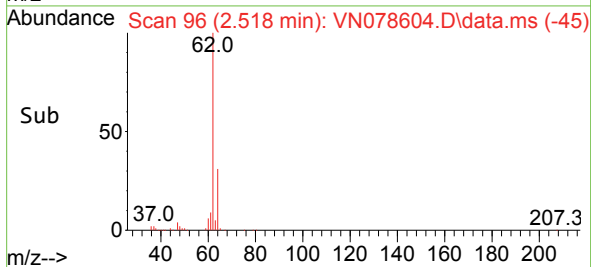
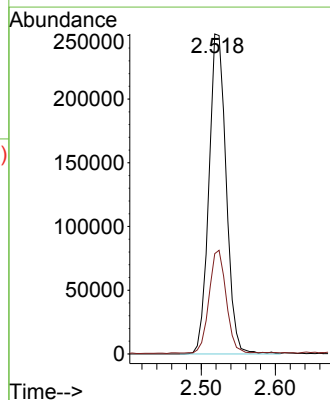
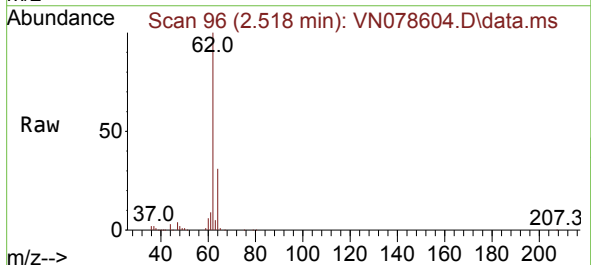
Instrument :
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ClientSampleId :
VSTDCCC050

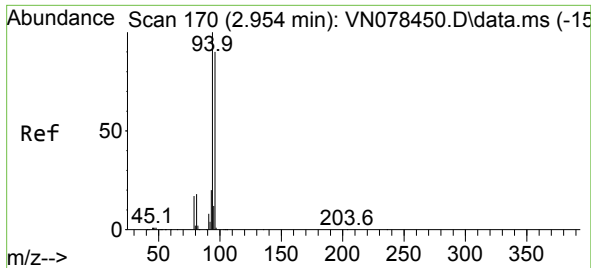
Tgt Ion: 50 Resp: 300410
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7



#4
Vinyl Chloride
Concen: 49.531 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 62 Resp: 406283
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2

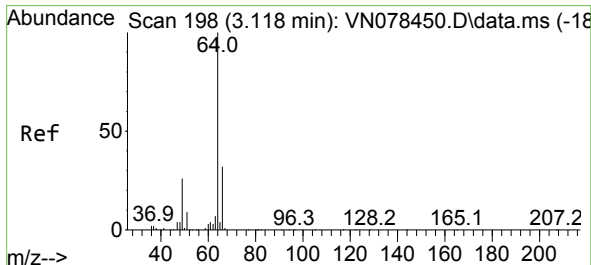
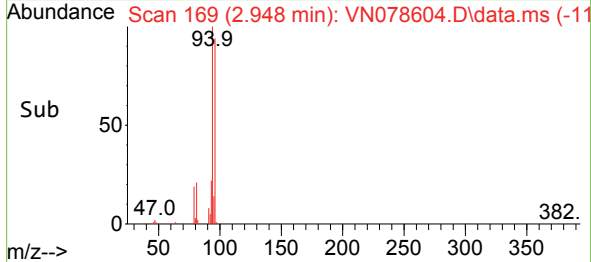
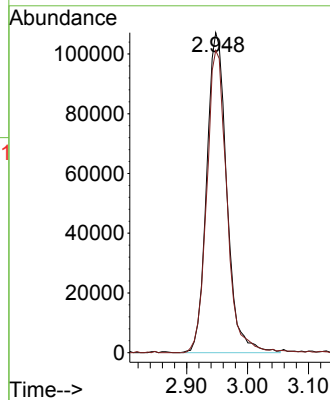
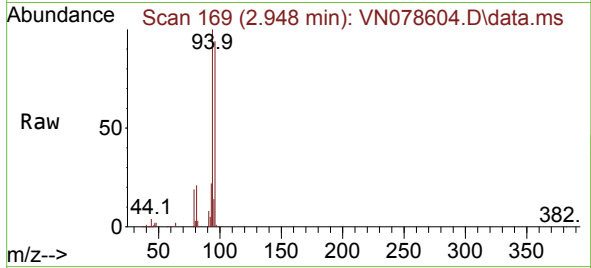




#5
Bromomethane
Concen: 47.086 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

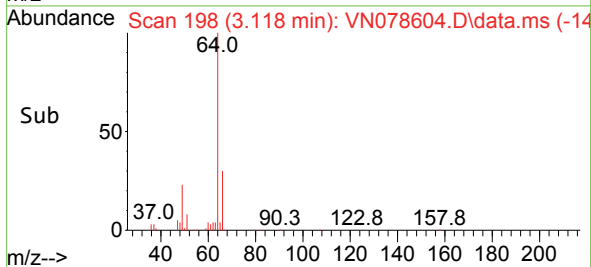
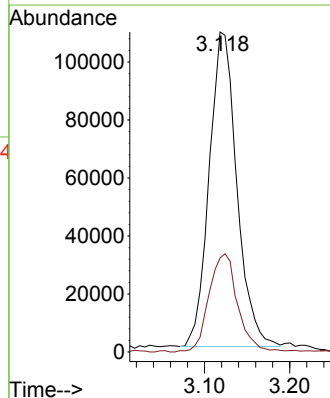
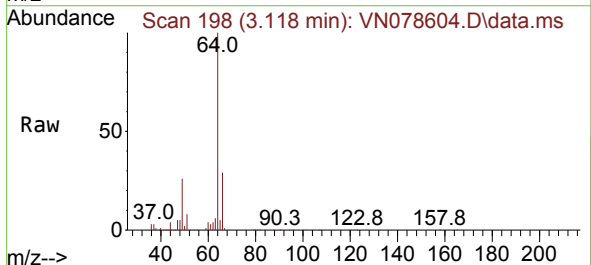
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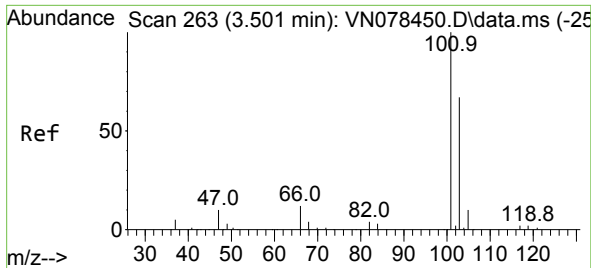
Tgt Ion: 94 Resp: 245794
Ion Ratio Lower Upper
94 100
96 94.4 73.1 109.7



#6
Chloroethane
Concen: 49.277 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 64 Resp: 244645
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2

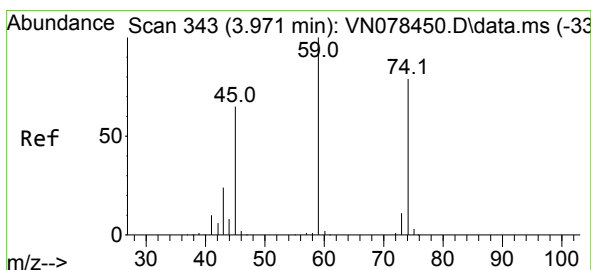
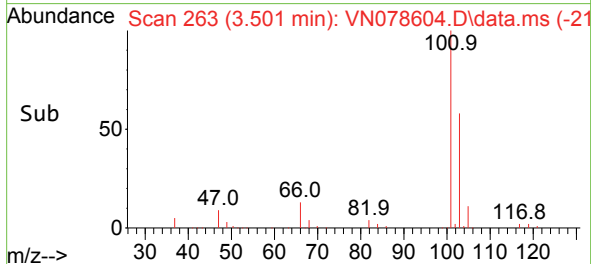
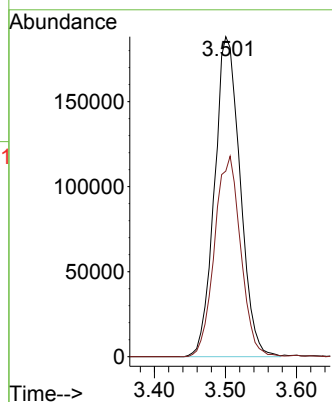
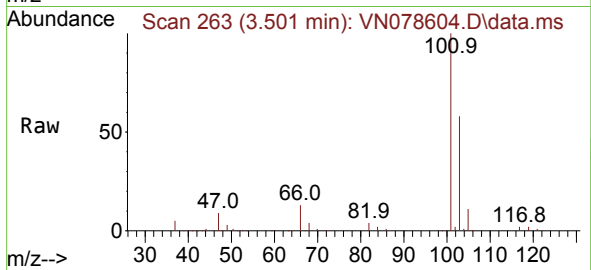




#7
Trichlorofluoromethane
Concen: 48.043 ug/l
RT: 3.501 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

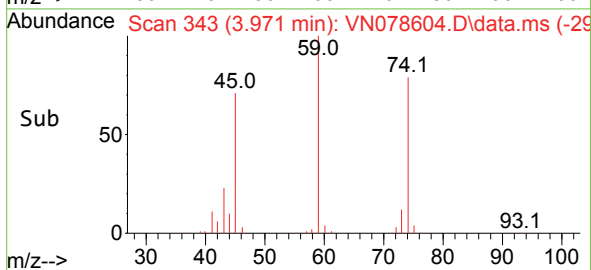
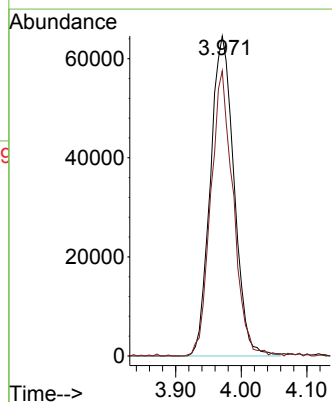
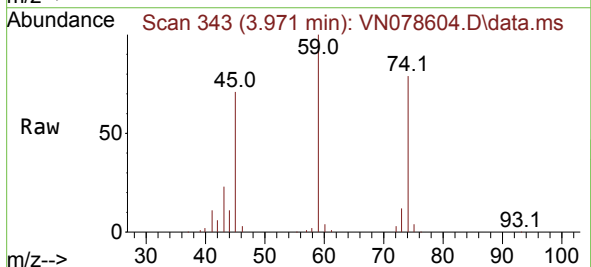
Instrument :
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VSTDCCC050

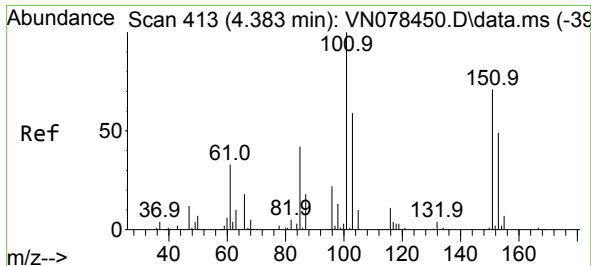
Tgt Ion:101 Resp: 471080
Ion Ratio Lower Upper
101 100
103 58.0 50.7 76.1



#8
Diethyl Ether
Concen: 49.473 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 74 Resp: 161623
Ion Ratio Lower Upper
74 100
45 84.6 34.4 103.3

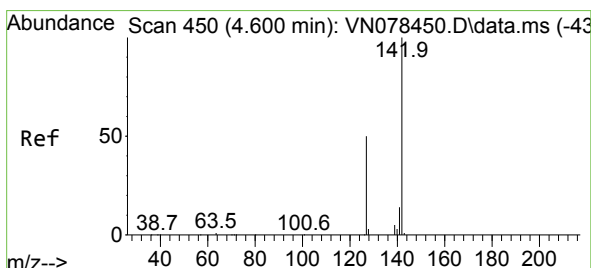
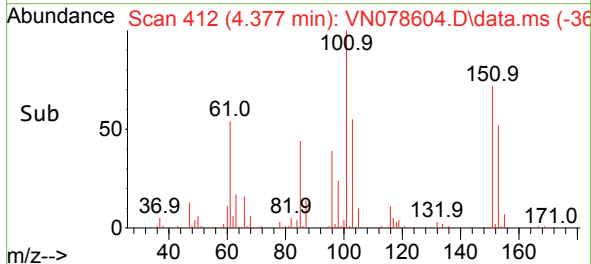
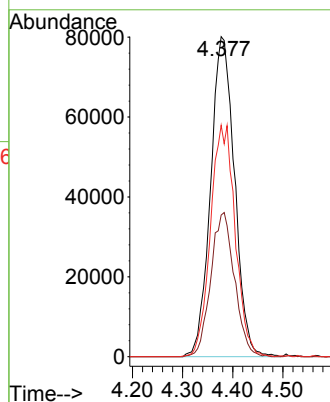
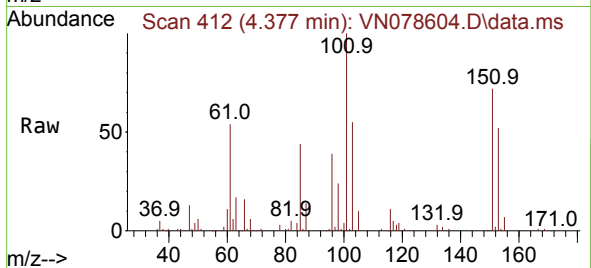




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.200 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

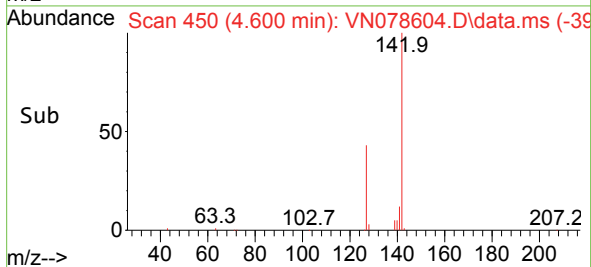
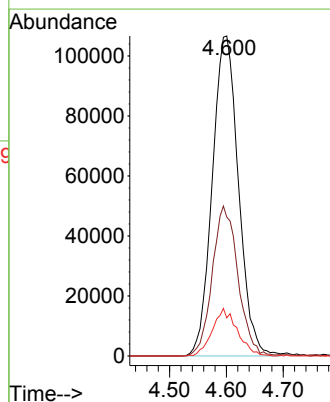
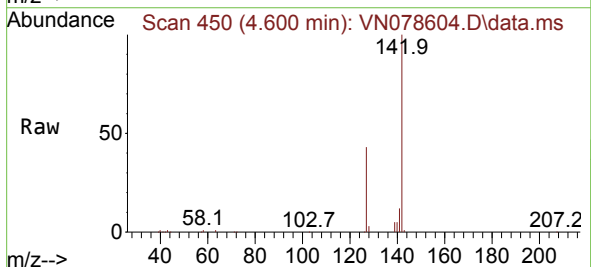
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

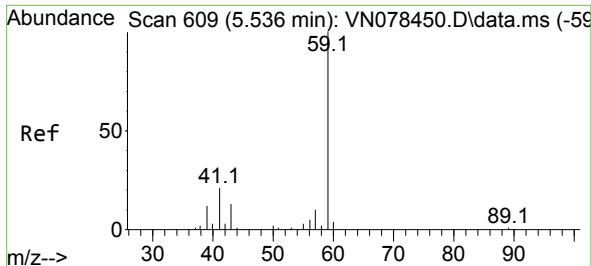
Tgt Ion:101 Resp: 265752
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 74.6 57.6 86.4



#10
Methyl Iodide
Concen: 47.889 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion:142 Resp: 341572
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 11.9 11.4 17.0

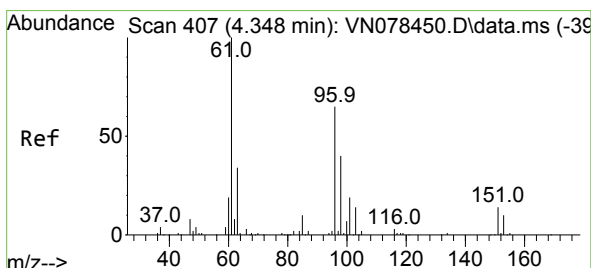
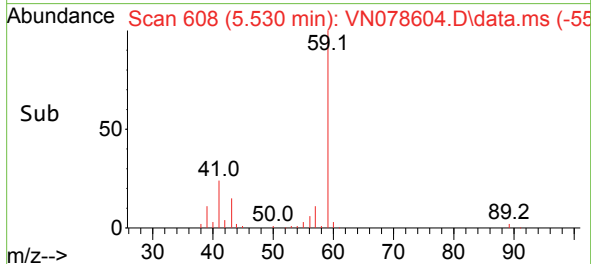
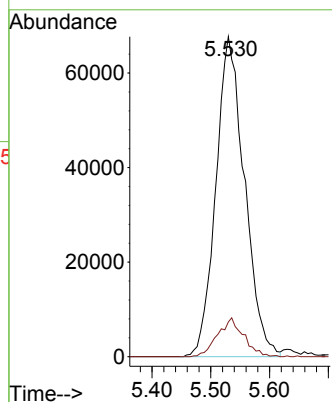
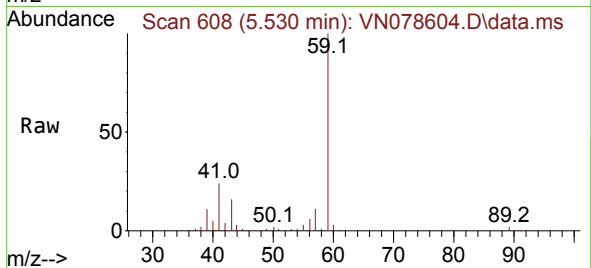




#11
Tert butyl alcohol
Concen: 233.075 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

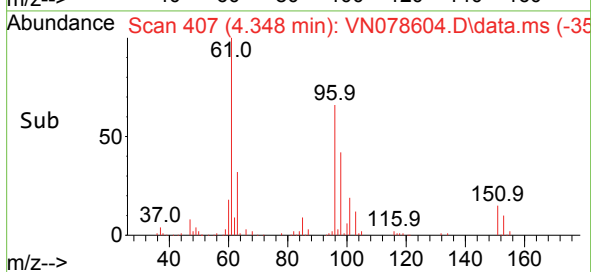
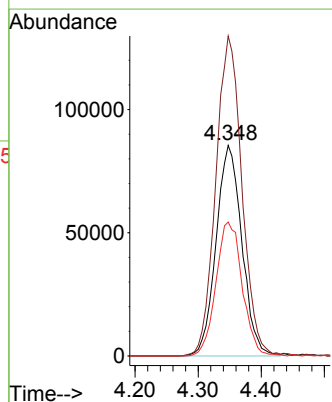
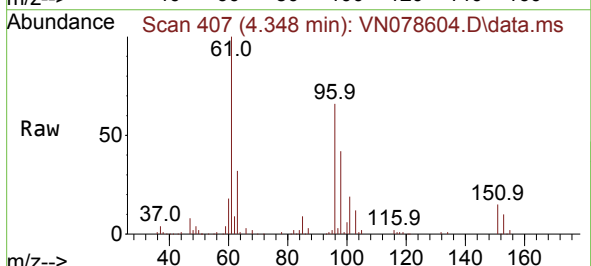
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

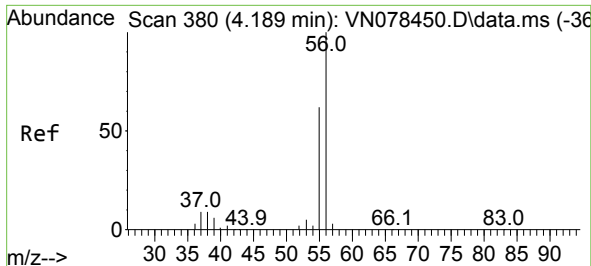
Tgt Ion: 59 Resp: 229265
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.294 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 96 Resp: 242476
Ion Ratio Lower Upper
96 100
61 151.9 112.7 169.1
98 63.6 51.2 76.8

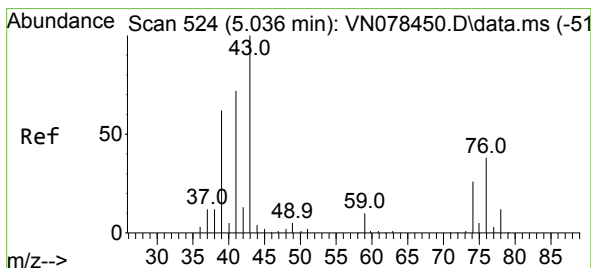
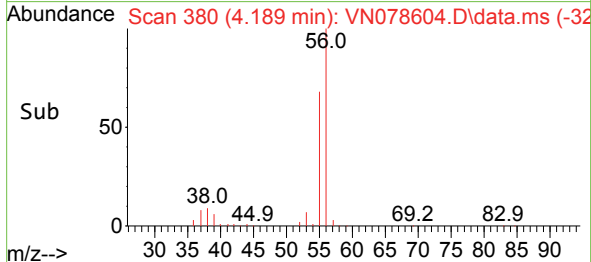
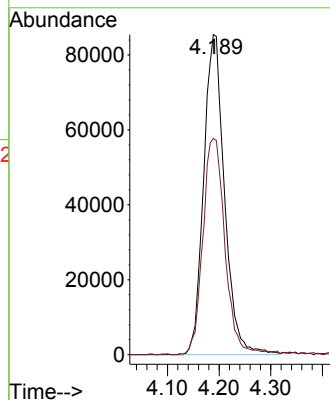
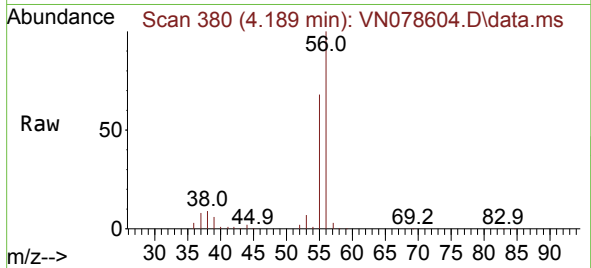




#13
Acrolein
Concen: 247.521 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

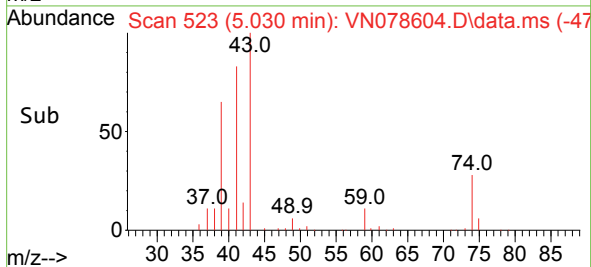
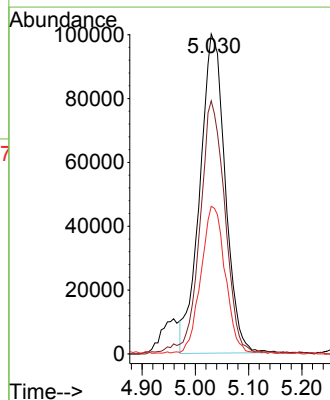
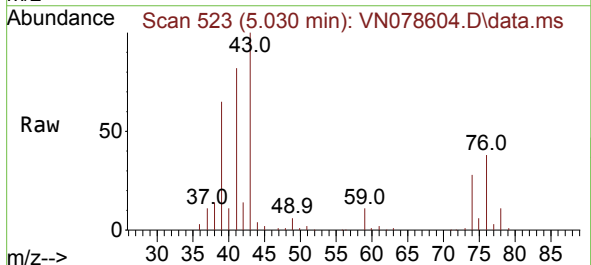
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

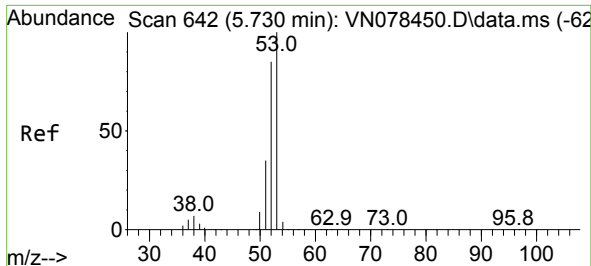
Tgt Ion: 56 Resp: 239546
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7



#14
Allyl chloride
Concen: 48.197 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 41 Resp: 330663
Ion Ratio Lower Upper
41 100
39 78.6 58.8 88.2
76 43.6 39.1 58.7

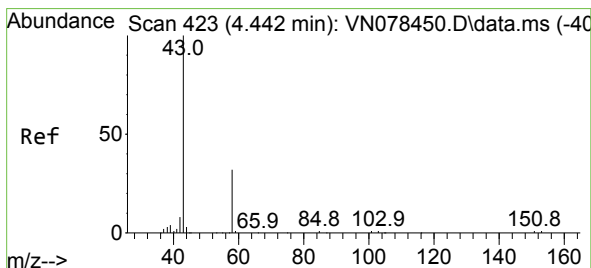
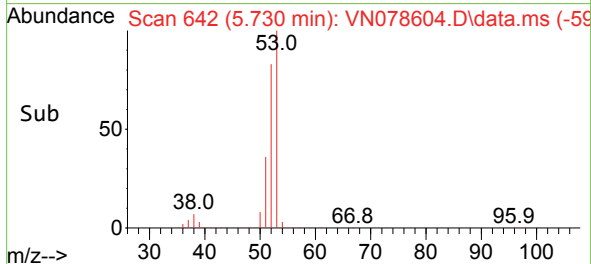
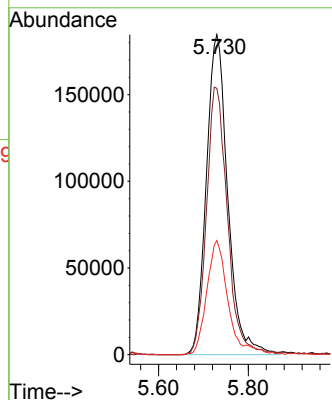
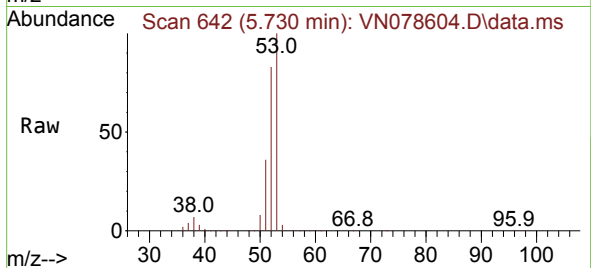




#15
Acrylonitrile
Concen: 246.232 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

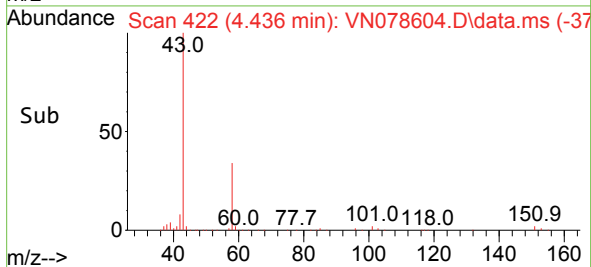
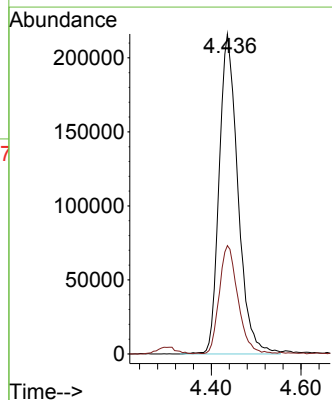
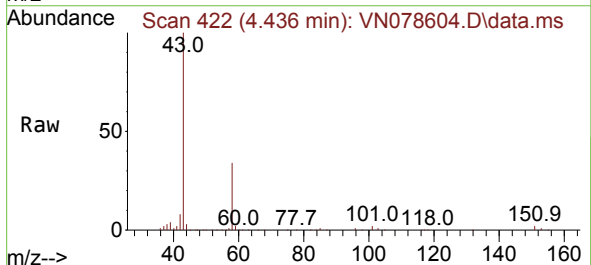
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

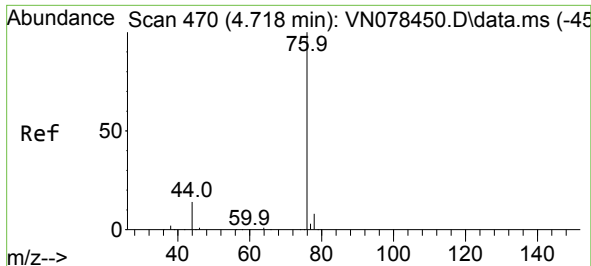
Tgt Ion: 53 Resp: 611964
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 35.7 28.9 43.3



#16
Acetone
Concen: 316.711 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 43 Resp: 629319
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0

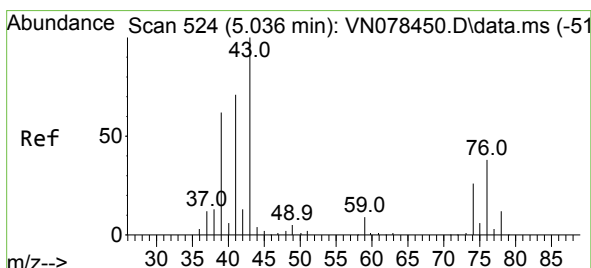
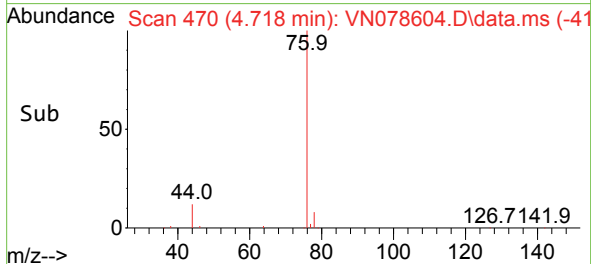
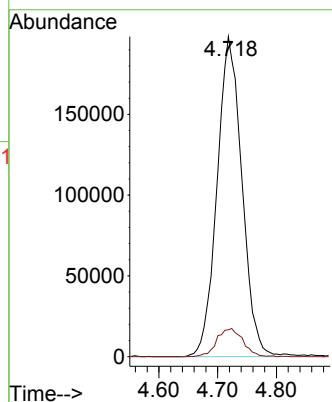
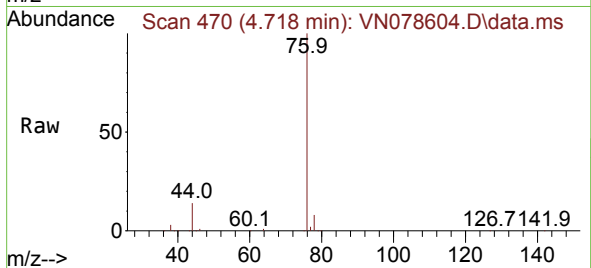




#17
Carbon Disulfide
Concen: 40.098 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

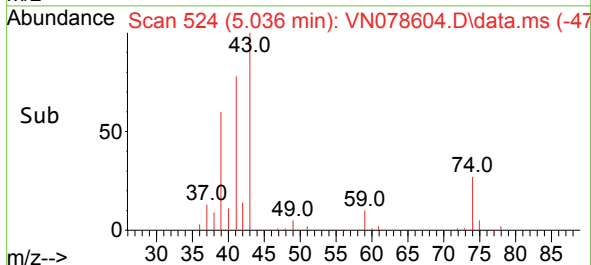
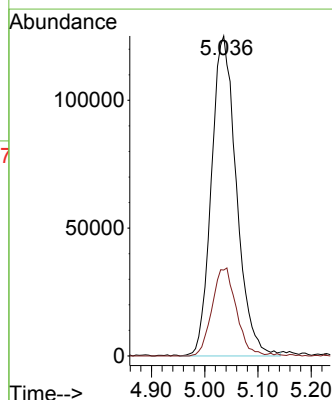
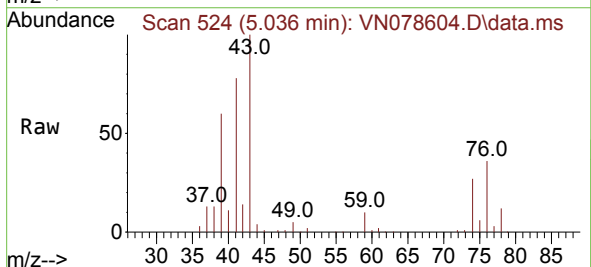
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

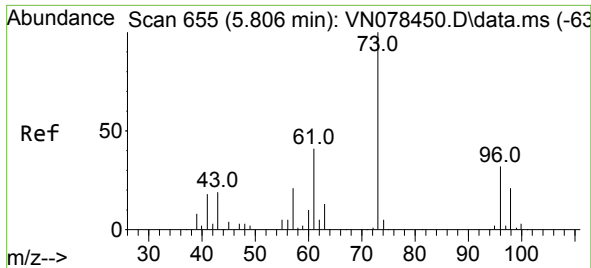
Tgt Ion: 76 Resp: 582161
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 48.603 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 43 Resp: 408828
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4

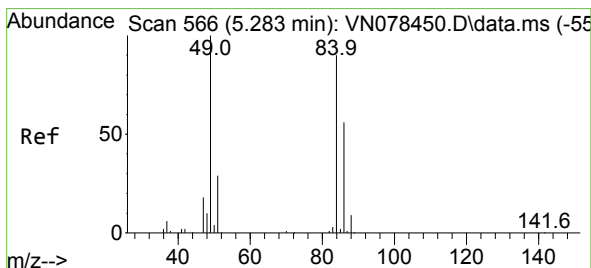
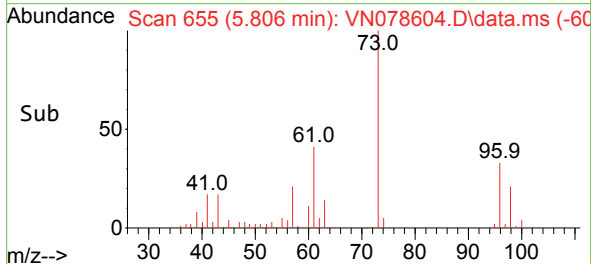
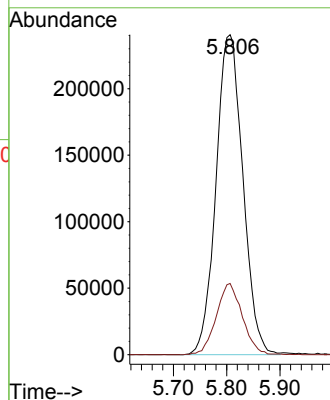
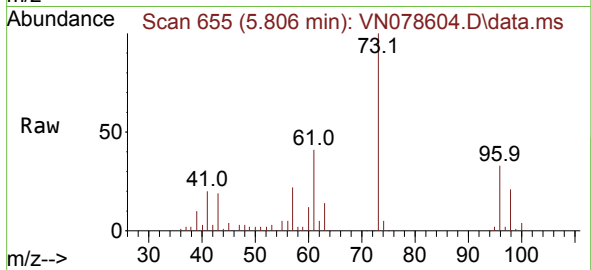




#19
Methyl tert-butyl Ether
Concen: 50.986 ug/l
RT: 5.806 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

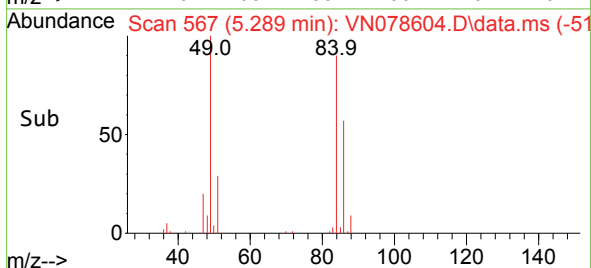
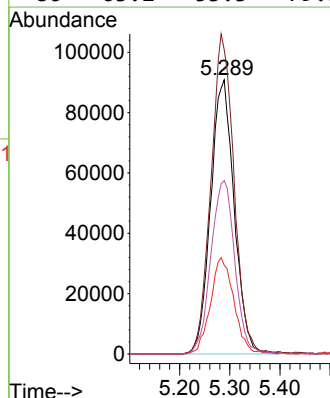
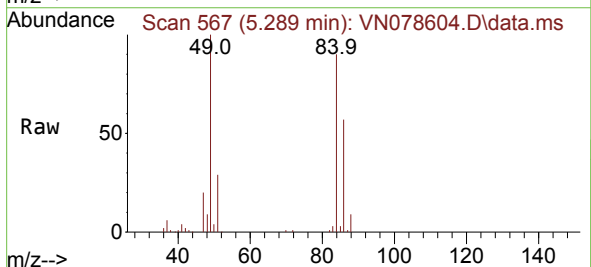
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

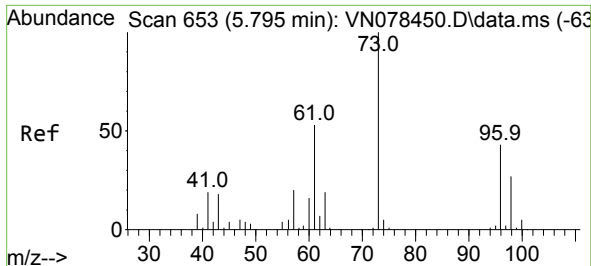
Tgt Ion: 73 Resp: 843441
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4



#20
Methylene Chloride
Concen: 52.027 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 84 Resp: 296250
Ion Ratio Lower Upper
84 100
49 111.0 79.7 119.5
51 32.4 25.2 37.8
86 63.2 53.3 79.9

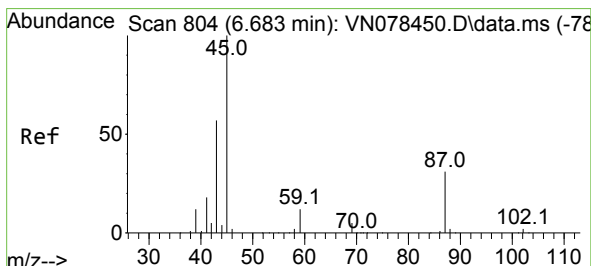
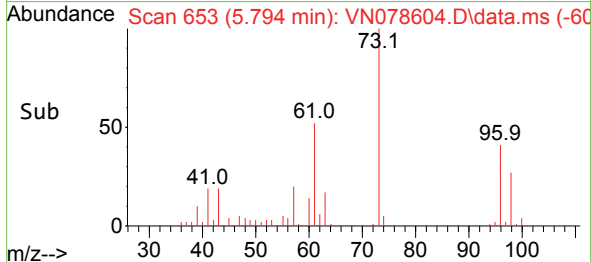
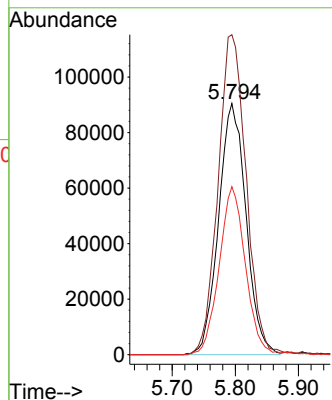
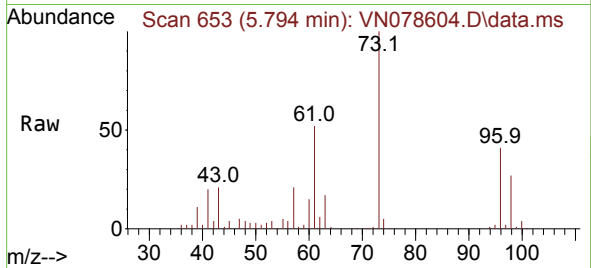




#21
trans-1,2-Dichloroethene
Concen: 48.296 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

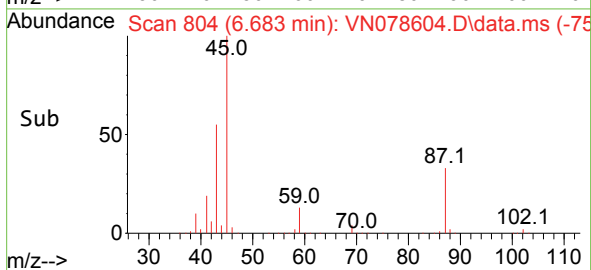
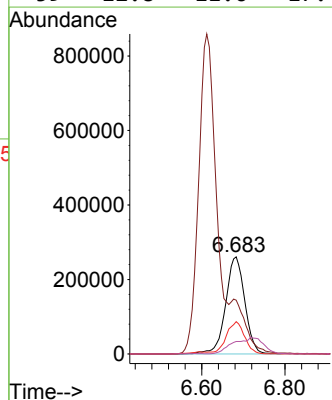
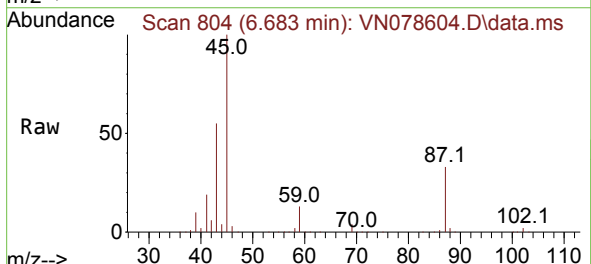
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

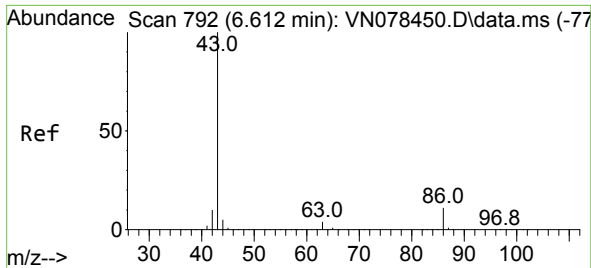
Tgt Ion: 96 Resp: 273250
Ion Ratio Lower Upper
96 100
61 127.4 90.1 135.1
98 66.9 46.4 69.6



#22
Diisopropyl ether
Concen: 54.203 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 45 Resp: 832669
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 33.2 31.8 47.8
59 12.8 11.6 17.4

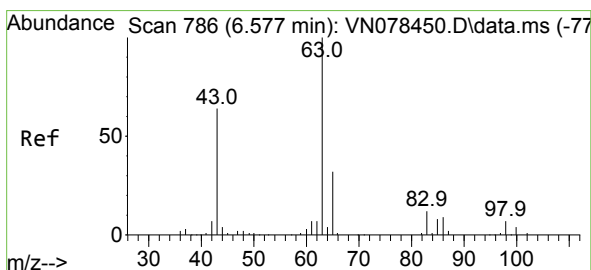
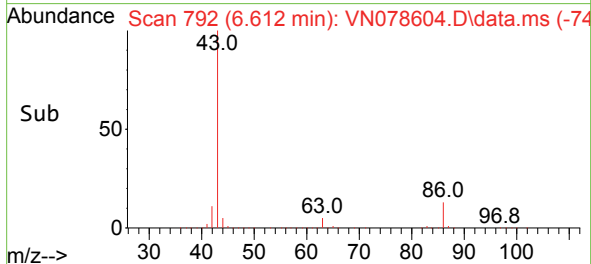
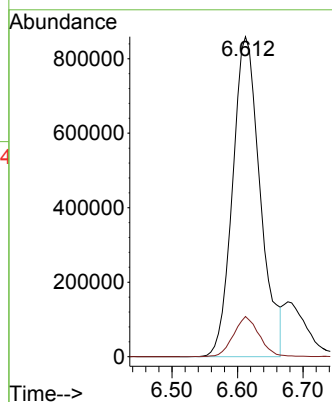
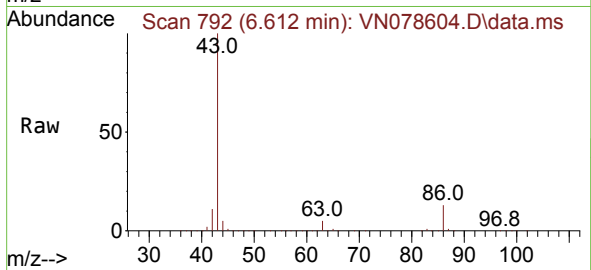




#23
 Vinyl Acetate
 Concen: 257.597 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

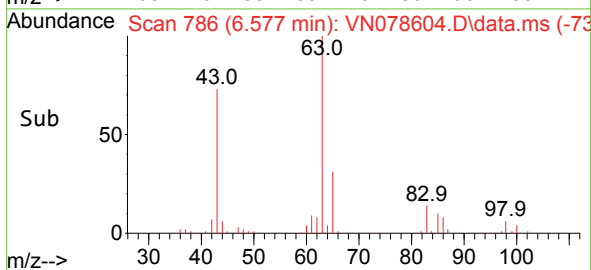
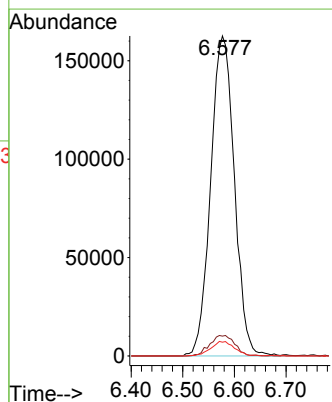
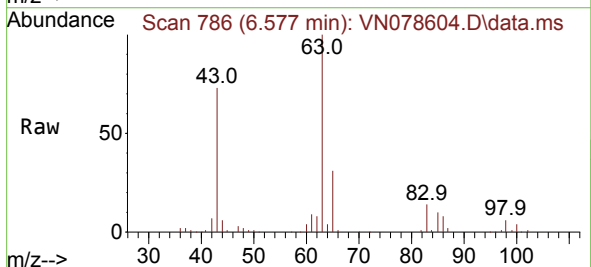
Instrument :
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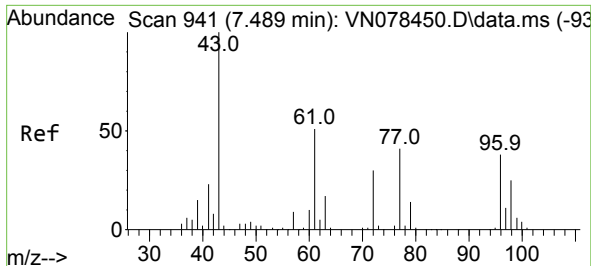
Tgt Ion: 43 Resp: 2515745
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 50.036 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Tgt Ion: 63 Resp: 517945
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.3 2.5 7.4

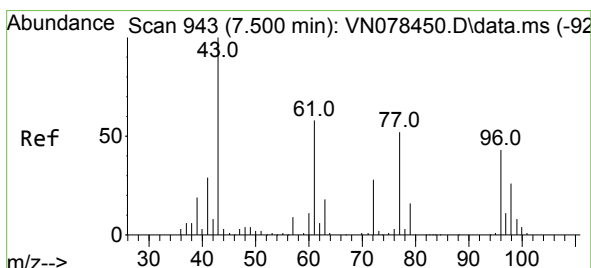
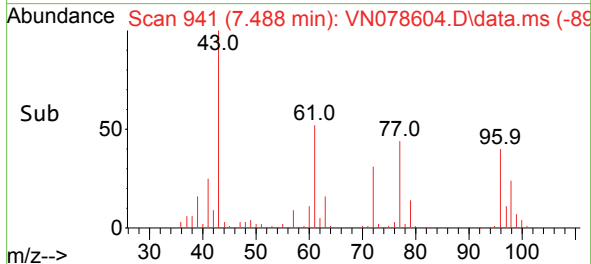
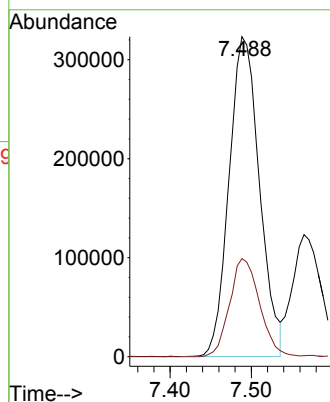
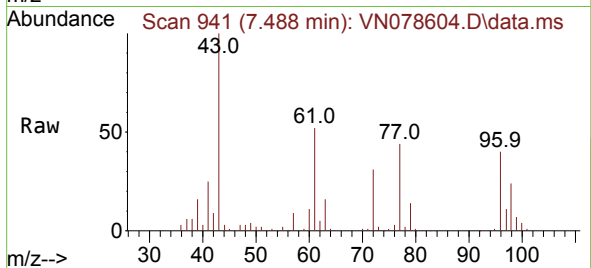




#25
2-Butanone
Concen: 269.093 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

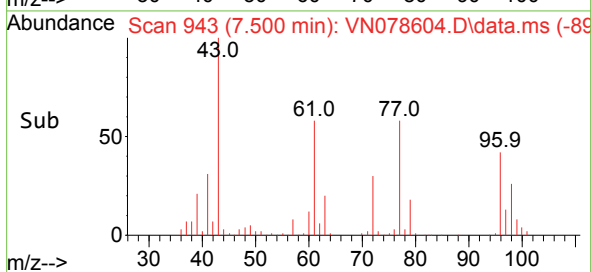
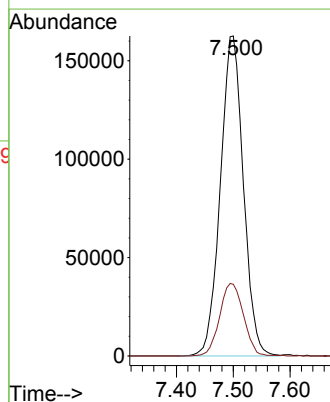
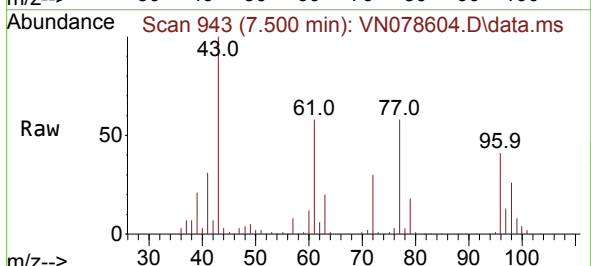
Instrument :
MSVOA_N
ClientSampleId :
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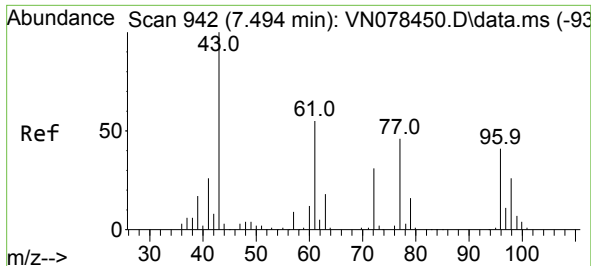
Tgt Ion: 43 Resp: 841690
Ion Ratio Lower Upper
43 100
72 30.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 54.041 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 77 Resp: 457534
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6

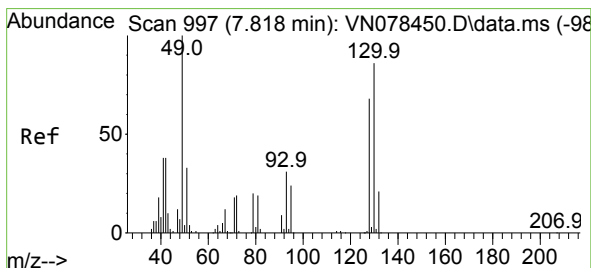
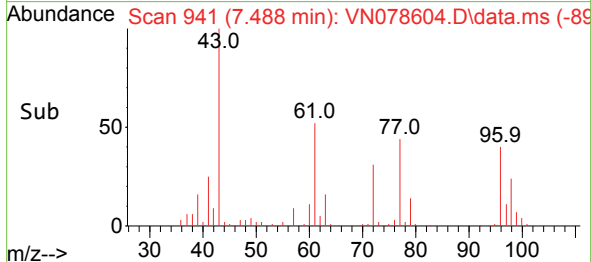
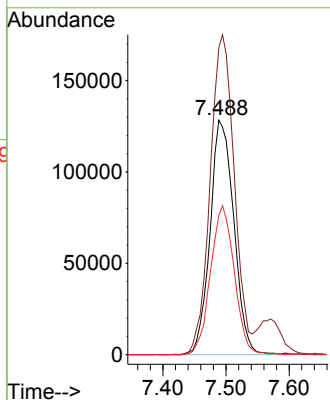
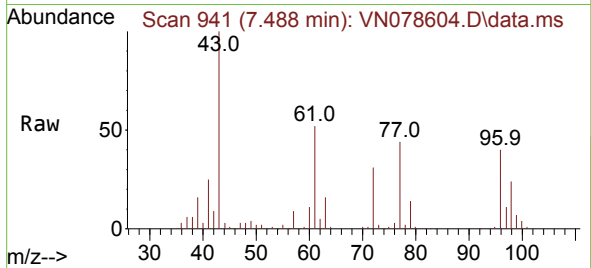




#27
 cis-1,2-Dichloroethene
 Concen: 51.397 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

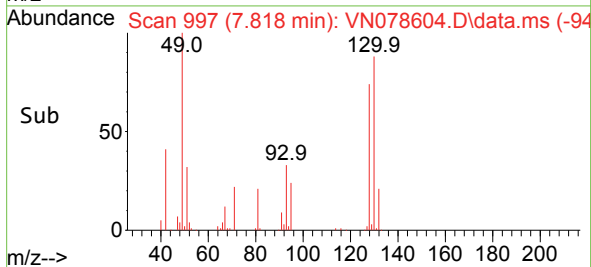
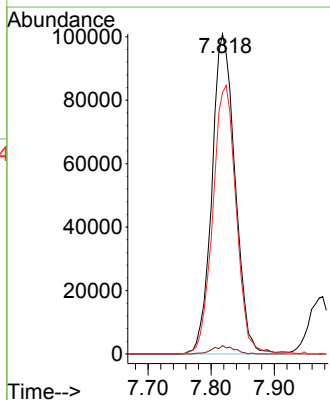
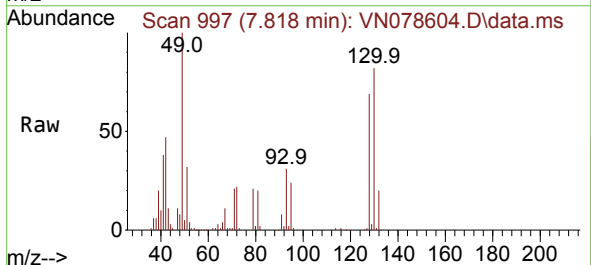
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

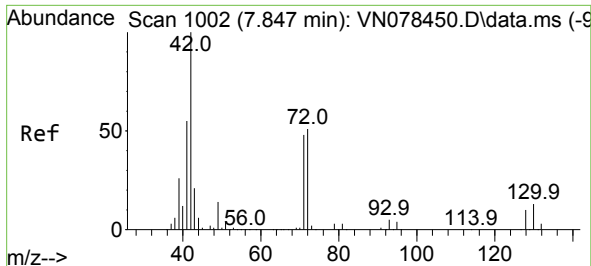
Tgt Ion: 96 Resp: 336403
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 255.2
 98 63.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.702 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Tgt Ion: 49 Resp: 256954
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 84.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 240.044 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

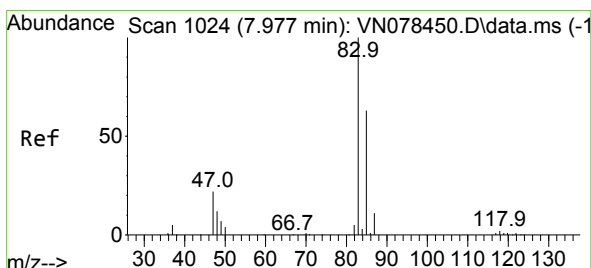
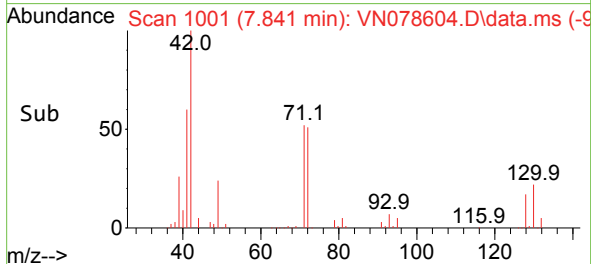
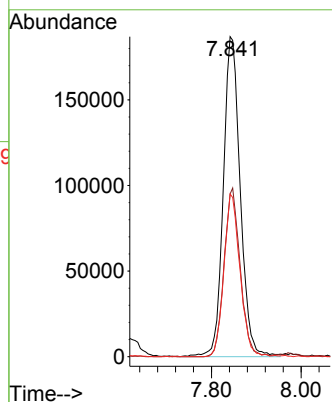
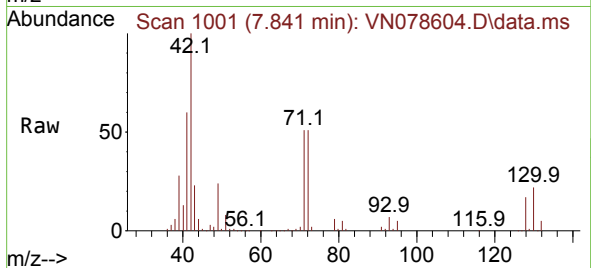
Tgt Ion: 42 Resp: 492669

Ion Ratio Lower Upper

42 100

72 50.1 49.8 74.6

71 48.2 47.4 71.2



#30

Chloroform

Concen: 52.642 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078604.D

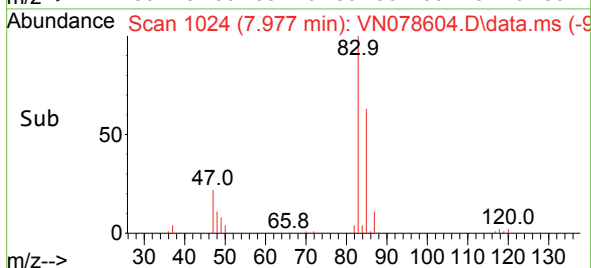
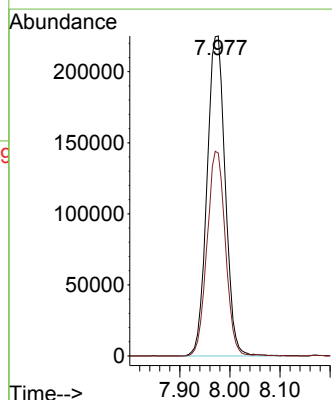
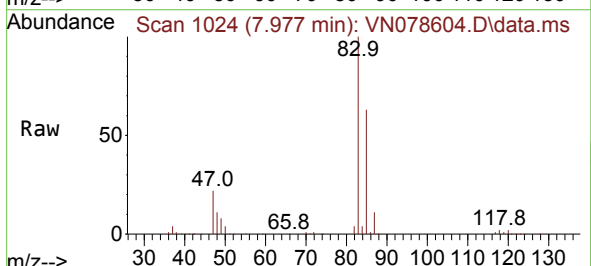
Acq: 21 Jul 2023 09:52

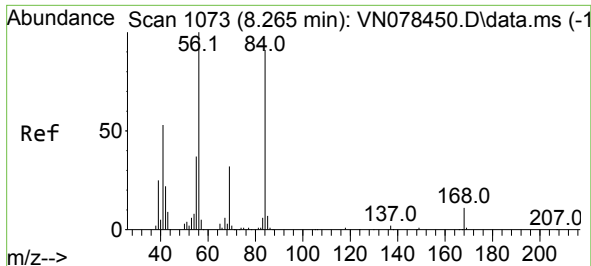
Tgt Ion: 83 Resp: 567320

Ion Ratio Lower Upper

83 100

85 63.4 55.4 83.0

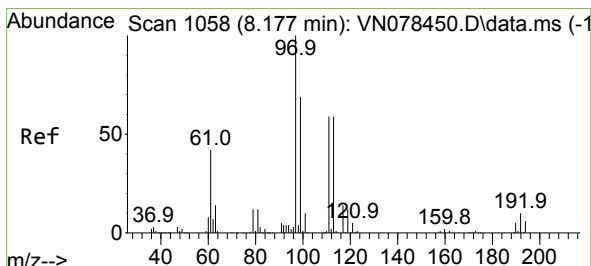
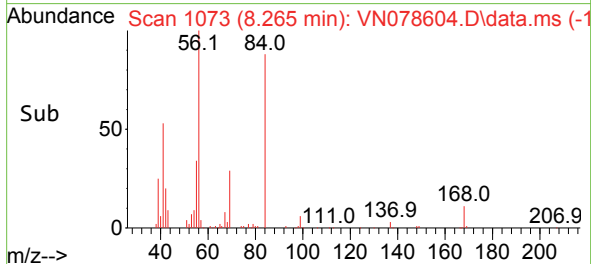
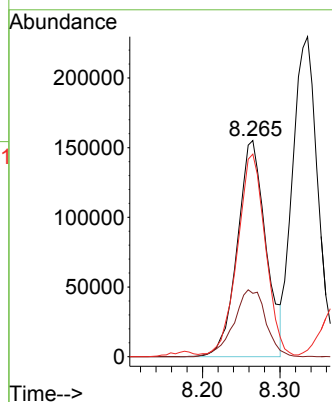
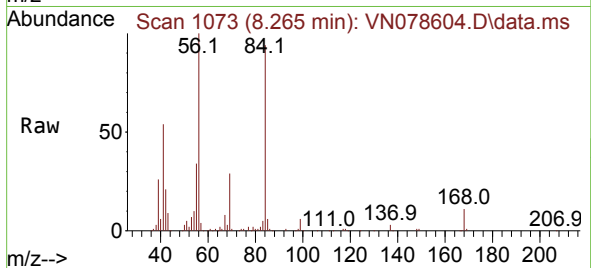




#31
Cyclohexane
Concen: 45.877 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

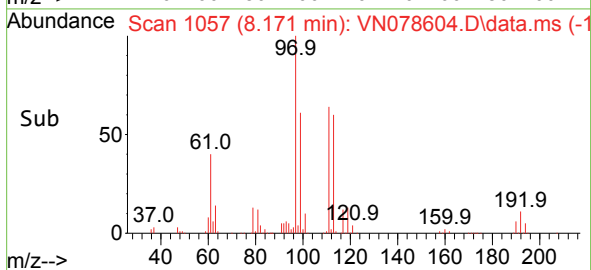
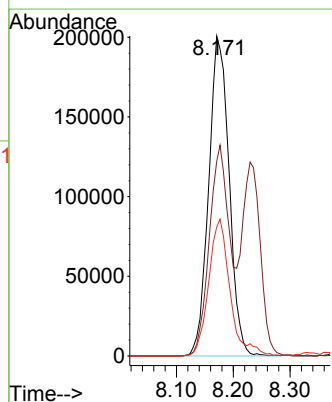
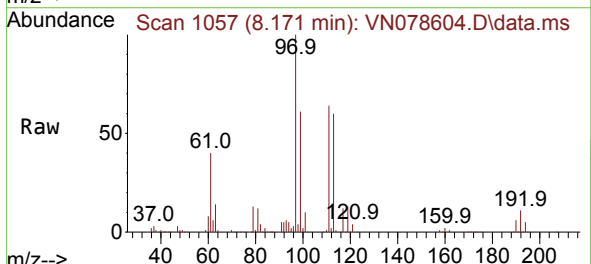
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

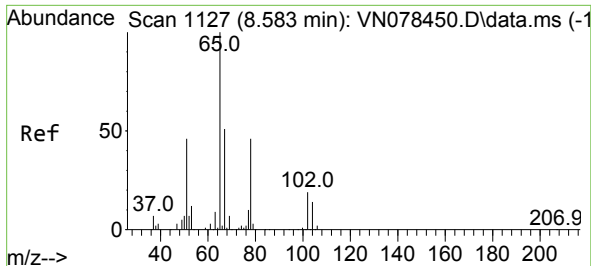
Tgt Ion: 56 Resp: 395497
Ion Ratio Lower Upper
56 100
69 29.3 26.8 40.2
84 91.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 51.779 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 97 Resp: 500304
Ion Ratio Lower Upper
97 100
99 66.6 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.526 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

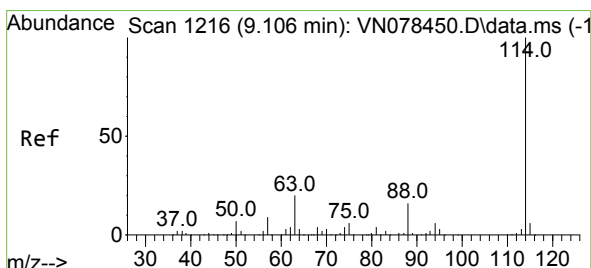
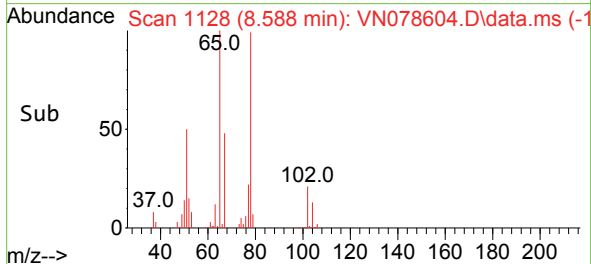
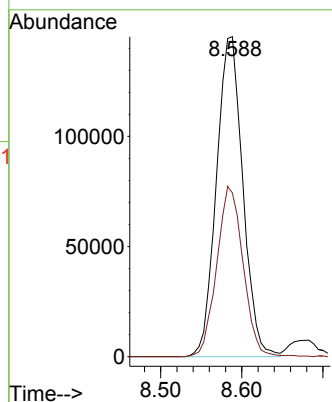
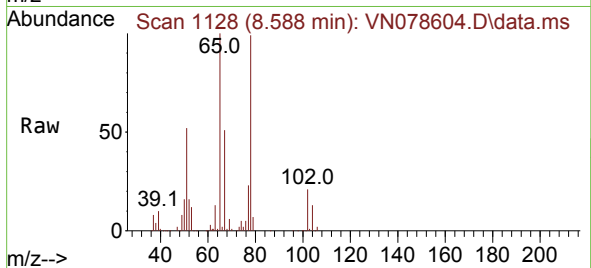
VSTDCCC050

Tgt Ion: 65 Resp: 328681

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

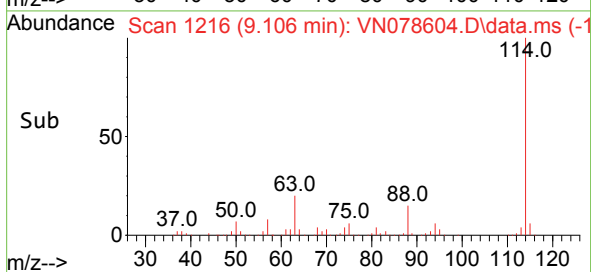
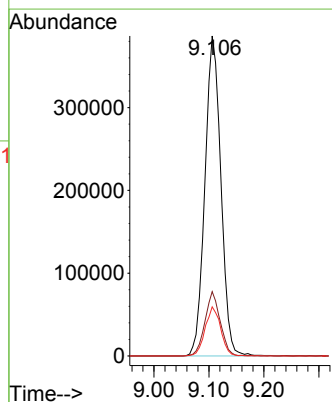
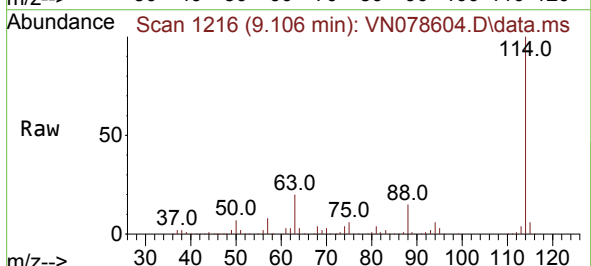
Tgt Ion: 114 Resp: 781425

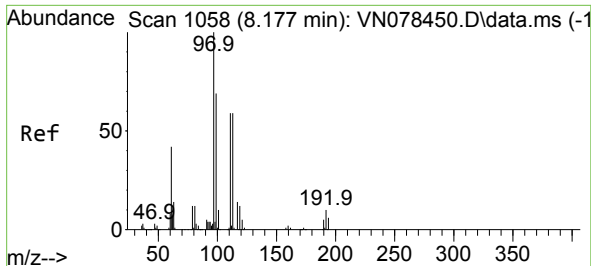
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.3 0.0 30.6

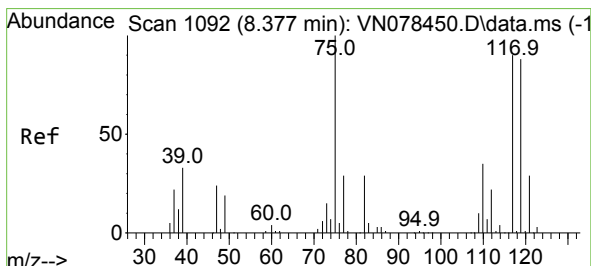
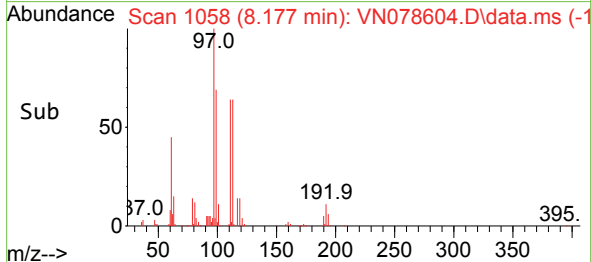
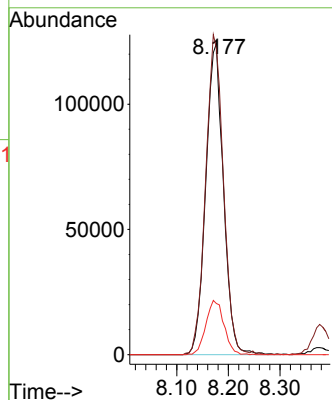
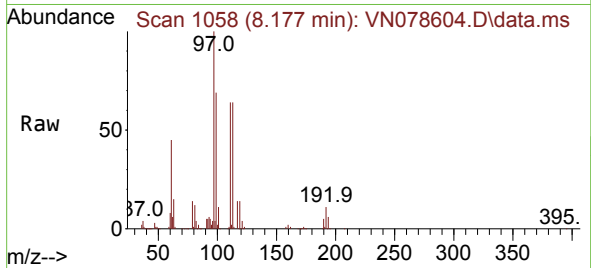




#35
Dibromofluoromethane
Concen: 55.584 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

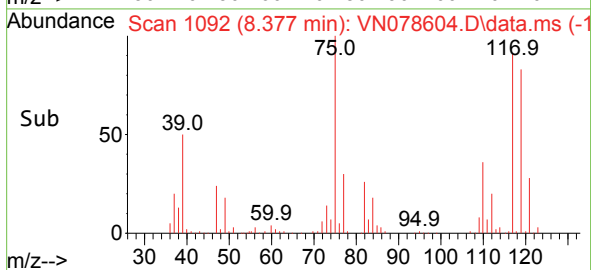
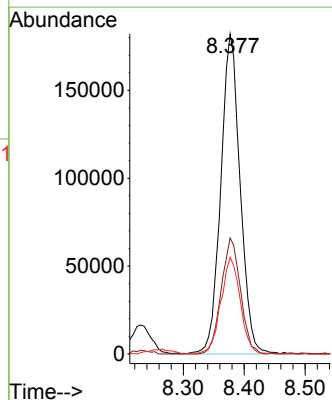
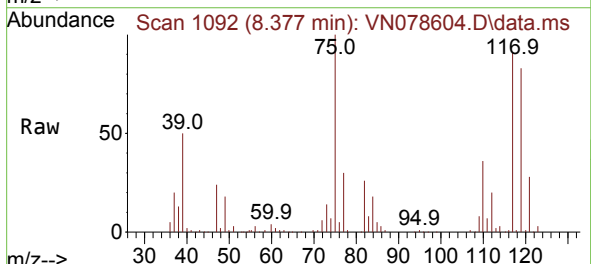
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

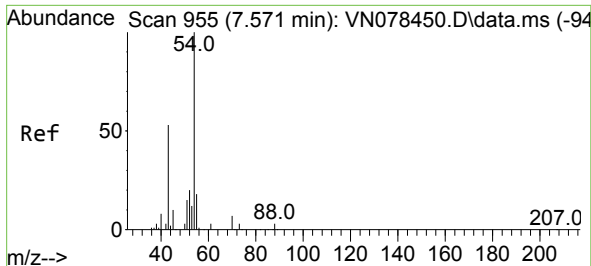
Tgt Ion:113 Resp: 294850
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 52.524 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 75 Resp: 402299
Ion Ratio Lower Upper
75 100
110 36.0 19.1 57.3
77 30.3 25.0 37.4

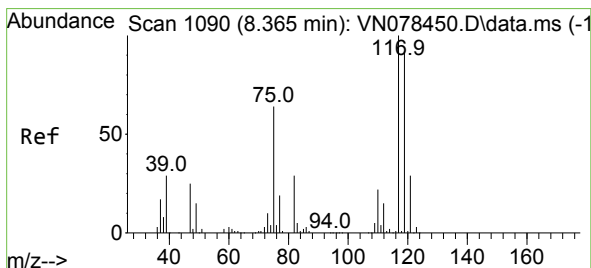
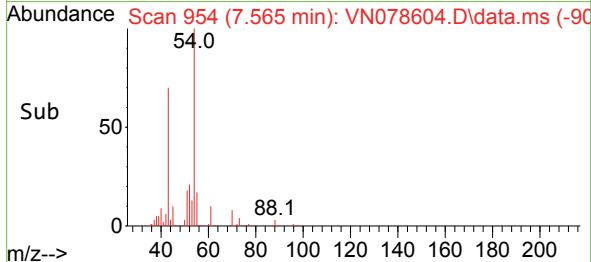
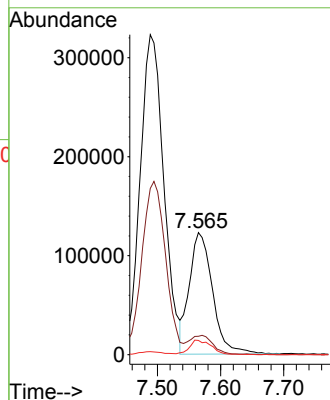
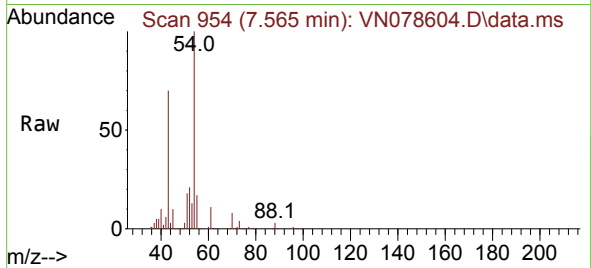




#37
Ethyl Acetate
Concen: 49.398 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

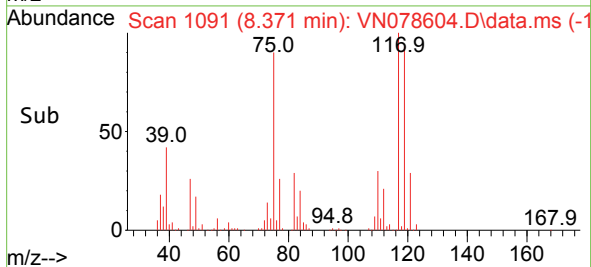
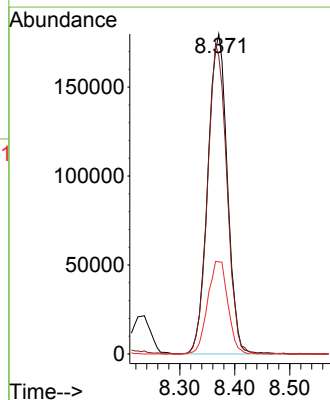
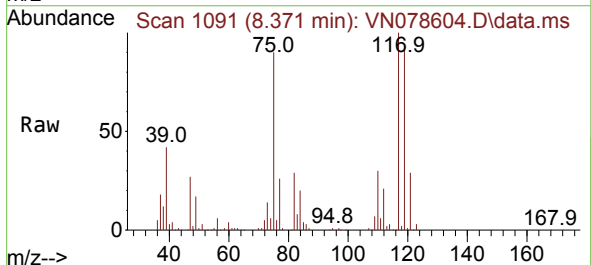
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

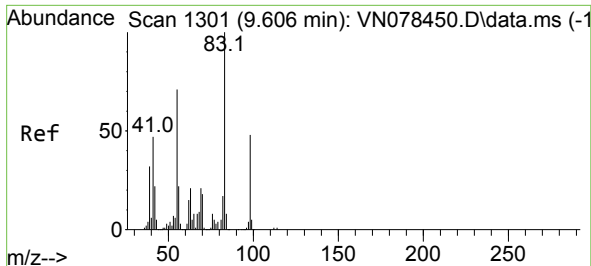
Tgt Ion: 43 Resp: 315402
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 10.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 53.344 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 117 Resp: 444060
Ion Ratio Lower Upper
117 100
119 93.1 77.3 115.9
121 28.8 23.3 34.9





#39

Methylcyclohexane

Concen: 53.171 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

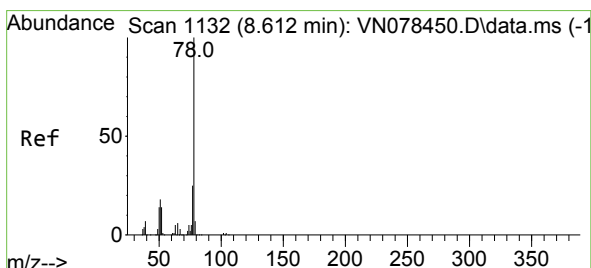
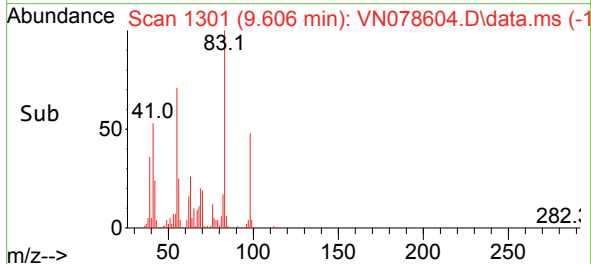
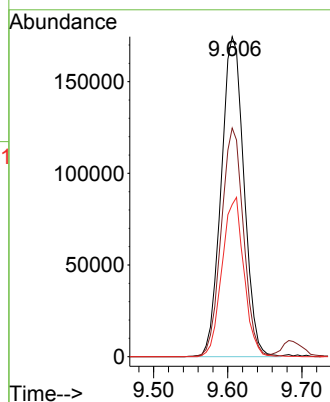
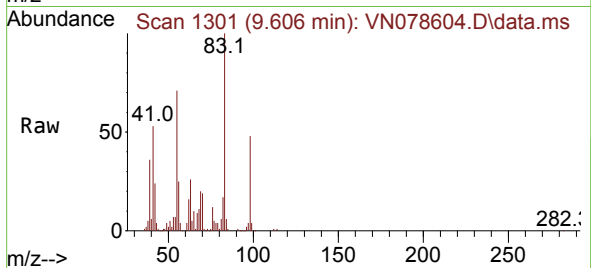
Tgt Ion: 83 Resp: 371740

Ion Ratio Lower Upper

83 100

55 71.4 49.1 73.7

98 47.6 40.6 61.0



#40

Benzene

Concen: 52.976 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078604.D

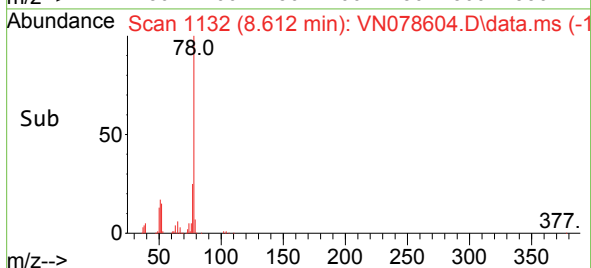
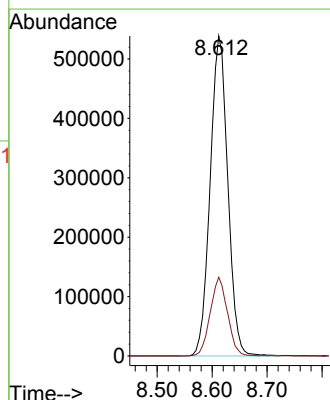
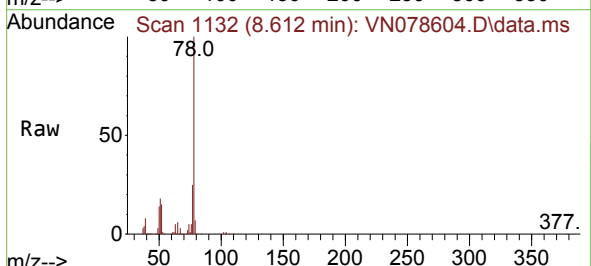
Acq: 21 Jul 2023 09:52

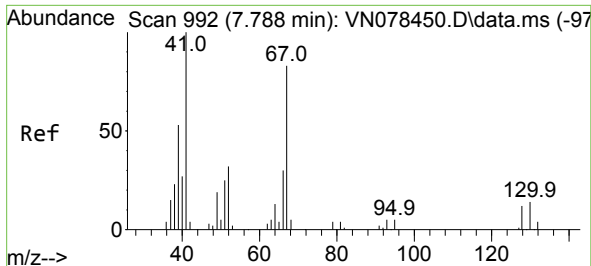
Tgt Ion: 78 Resp: 1202097

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

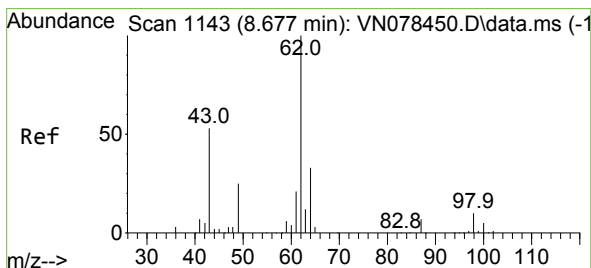
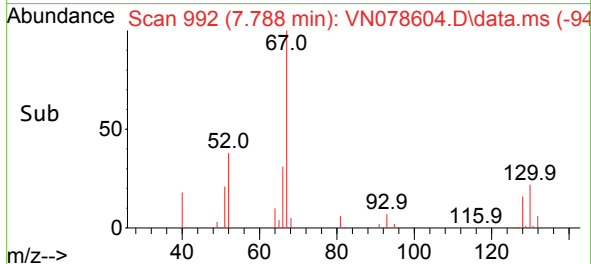
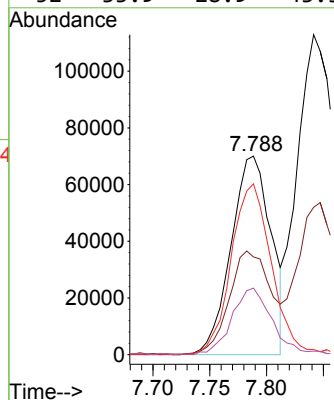
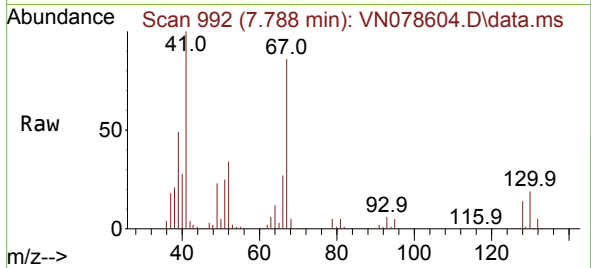




#41
Methacrylonitrile
Concen: 52.735 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

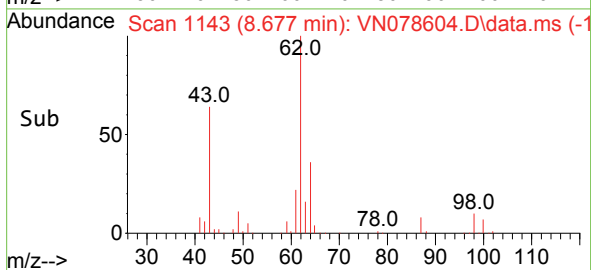
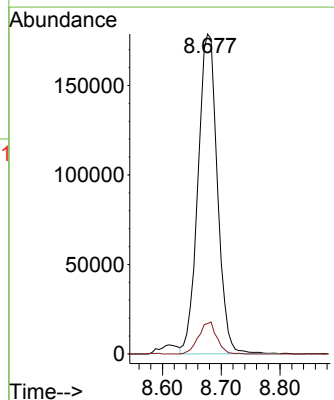
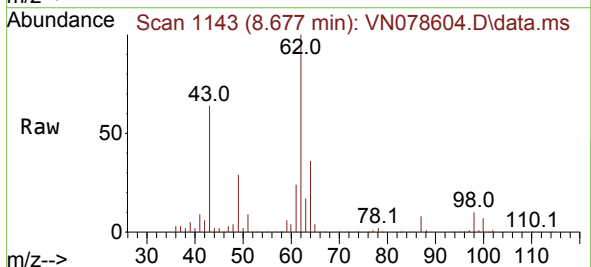
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

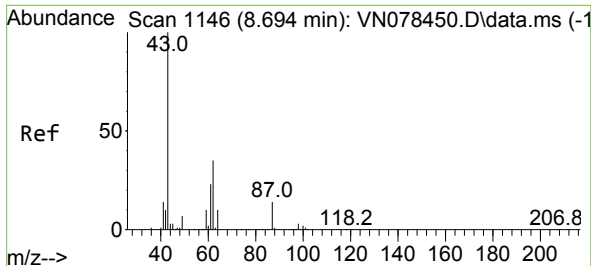
Tgt Ion:	41	Resp:	171651
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.6	64.0
67	87.3	77.5	116.3
52	33.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 53.163 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion:	62	Resp:	410318
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

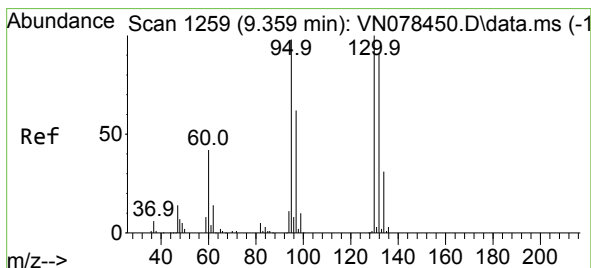
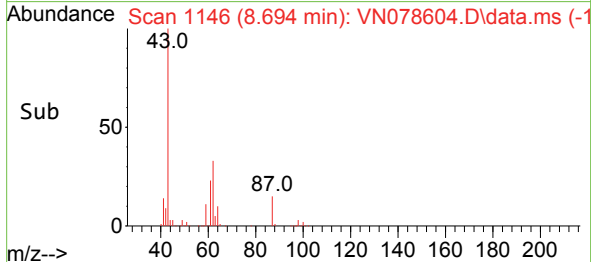
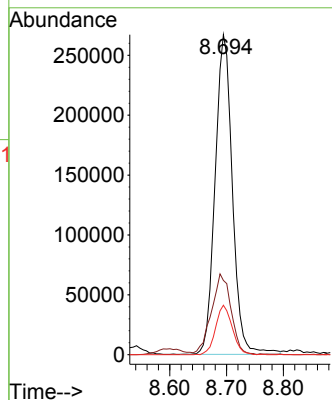
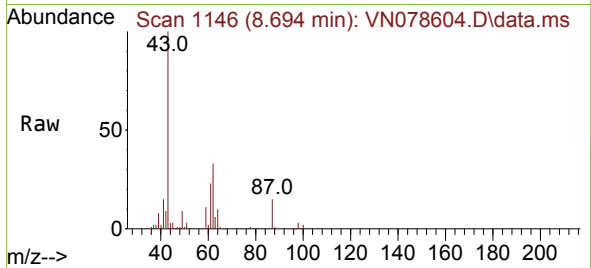




#43
Isopropyl Acetate
Concen: 53.769 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

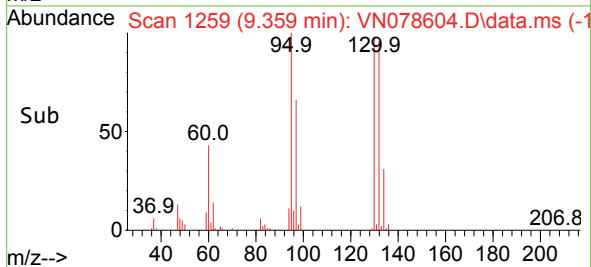
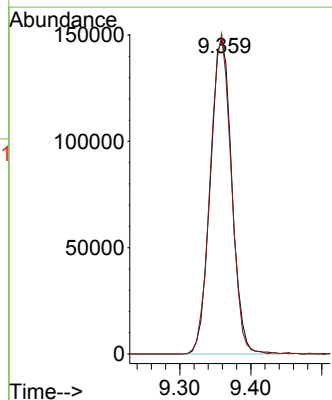
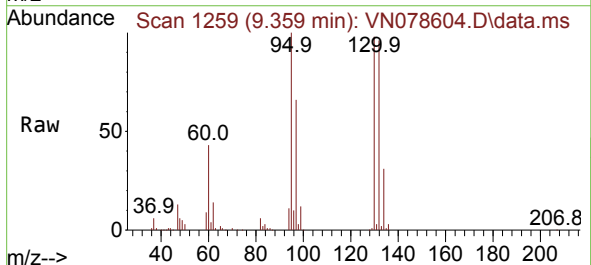
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

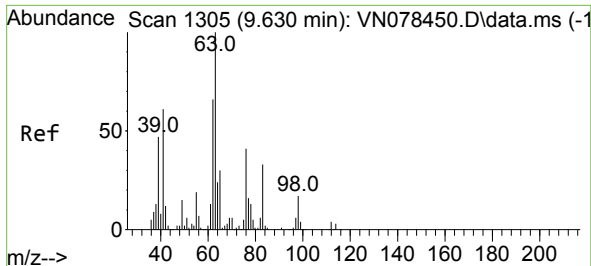
Tgt Ion: 43 Resp: 565223
Ion Ratio Lower Upper
43 100
61 28.6 24.7 37.1
87 14.9 14.6 21.8



#44
Trichloroethene
Concen: 50.893 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion:130 Resp: 311250
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 55.274 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

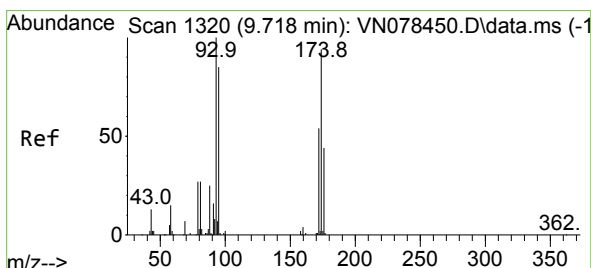
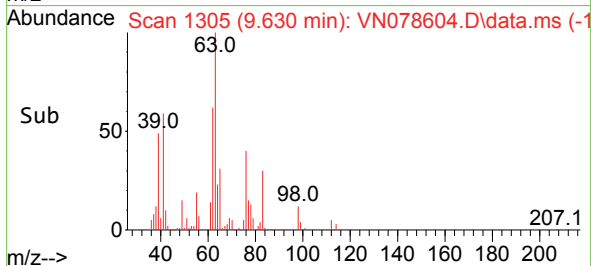
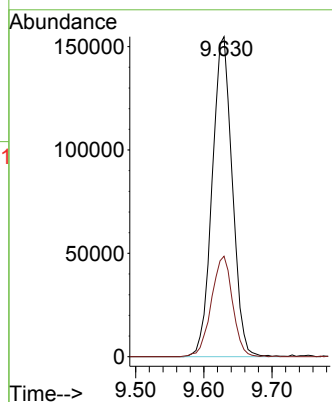
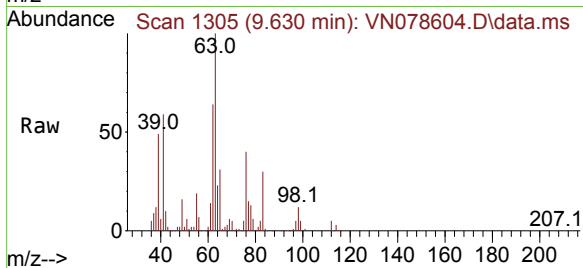
VSTDCCC050

Tgt Ion: 63 Resp: 317663

Ion Ratio Lower Upper

63 100

65 31.4 23.9 35.9



#46

Dibromomethane

Concen: 54.138 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

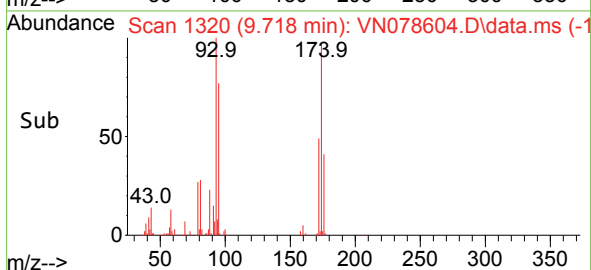
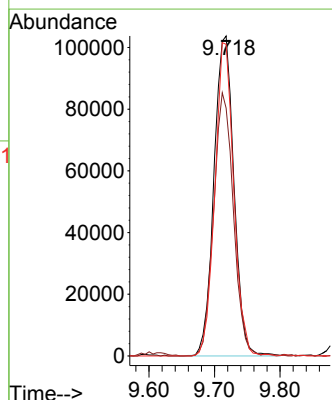
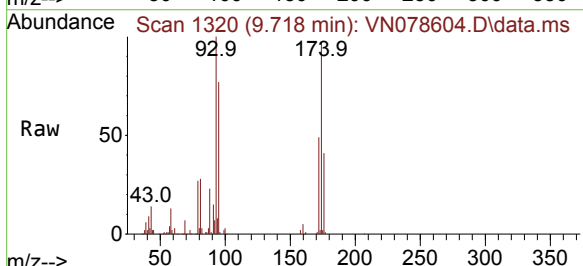
Tgt Ion: 93 Resp: 218986

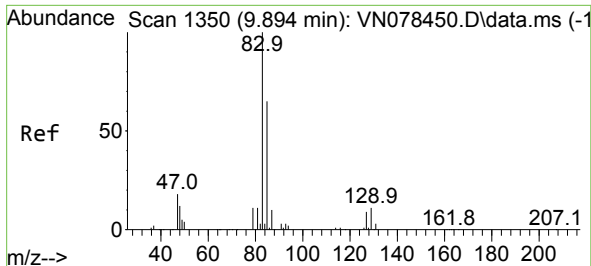
Ion Ratio Lower Upper

93 100

95 81.2 63.8 95.8

174 92.4 65.6 98.4

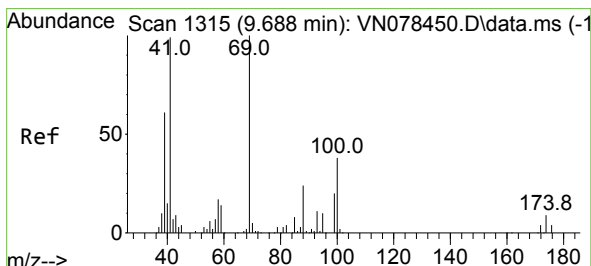
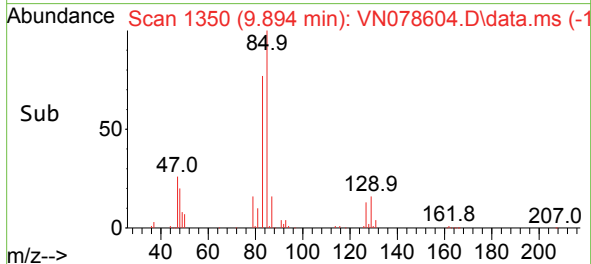
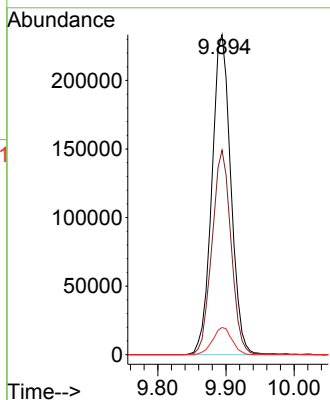
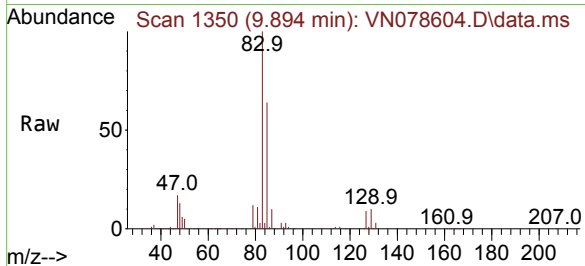




#47
Bromodichloromethane
Concen: 55.784 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

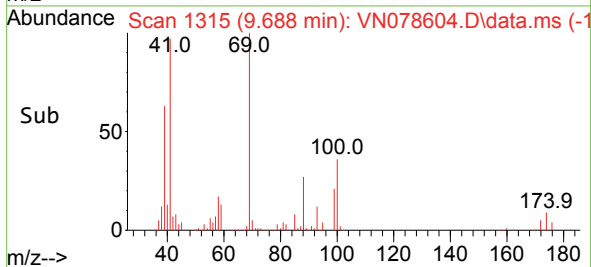
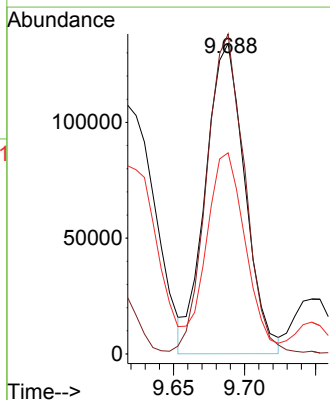
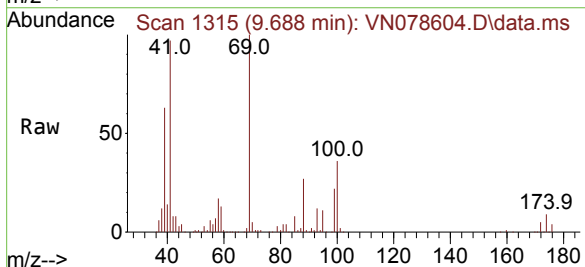
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

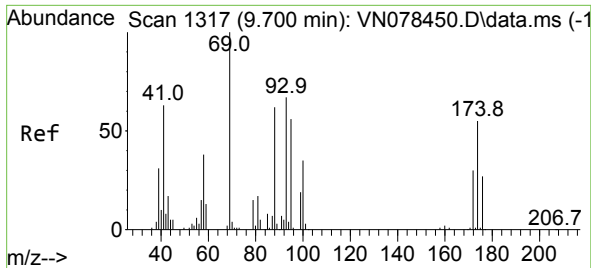
Tgt Ion: 83 Resp: 452322
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 53.038 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 41 Resp: 258302
Ion Ratio Lower Upper
41 100
69 99.6 90.4 135.6
39 65.1 54.6 81.8

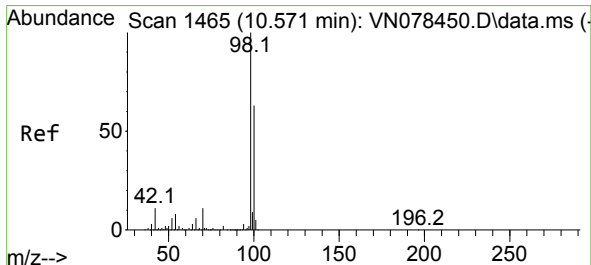
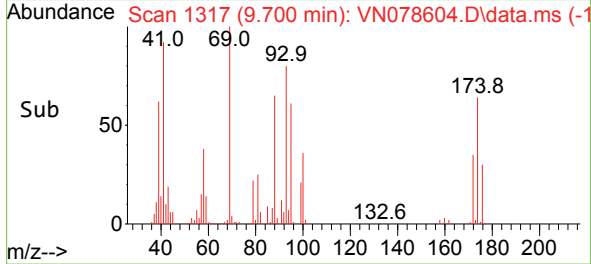
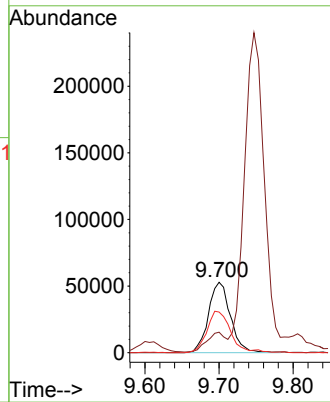
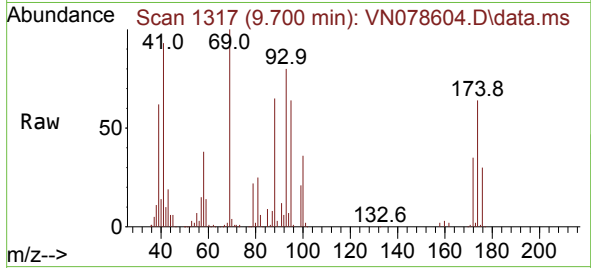




#49
1,4-Dioxane
Concen: 1029.965 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

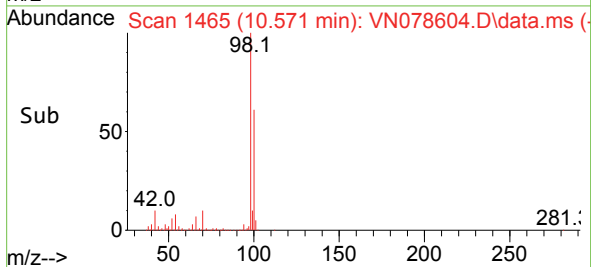
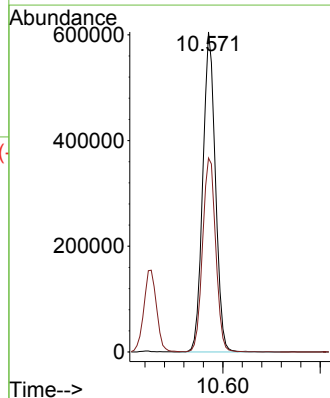
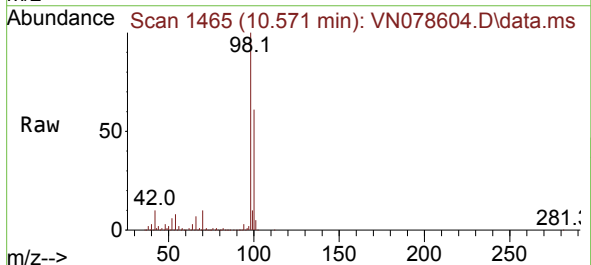
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

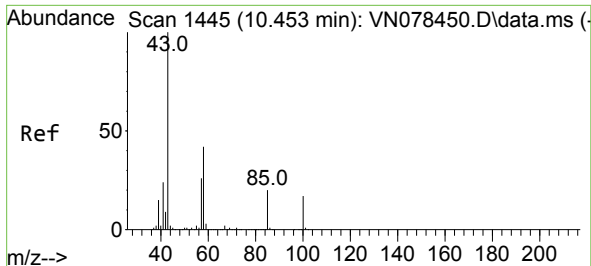
Tgt Ion: 88 Resp: 109390
Ion Ratio Lower Upper
88 100
43 24.5 17.0 25.6
58 63.4 47.0 70.4



#50
Toluene-d8
Concen: 54.101 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 98 Resp: 1084140
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0

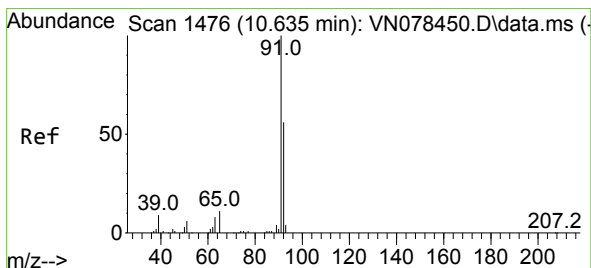
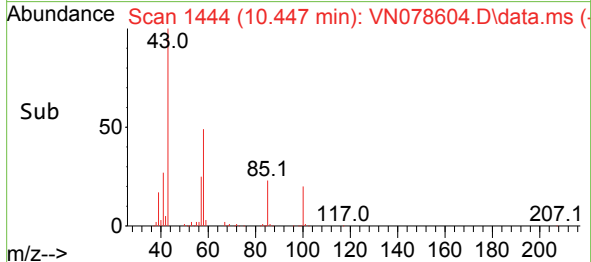
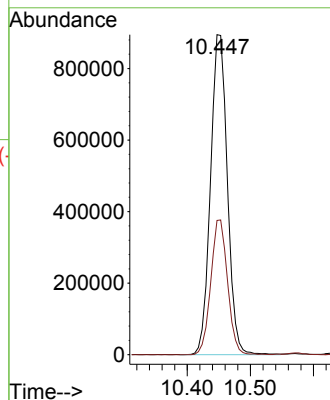
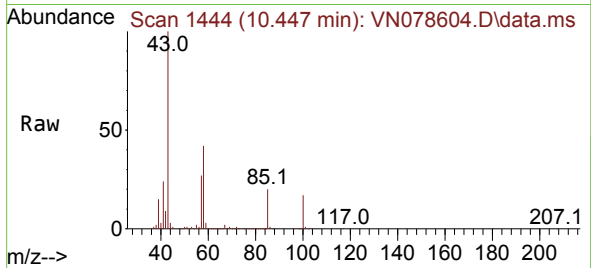




#51
4-Methyl-2-Pentanone
Concen: 265.291 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

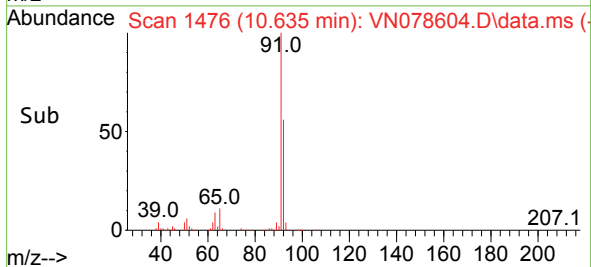
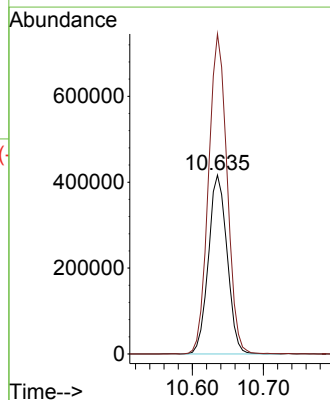
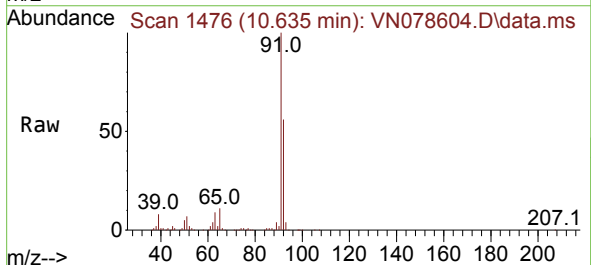
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

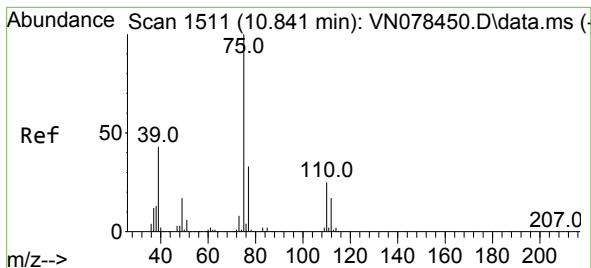
Tgt Ion: 43 Resp: 1658768
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8



#52
Toluene
Concen: 54.029 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 92 Resp: 759841
Ion Ratio Lower Upper
92 100
91 178.5 137.4 206.0

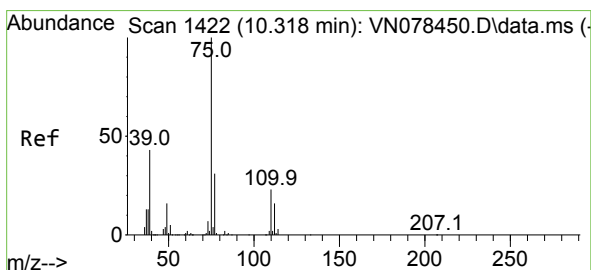
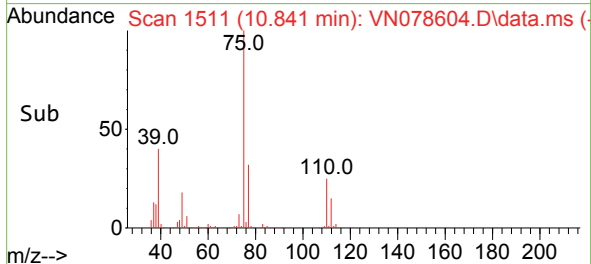
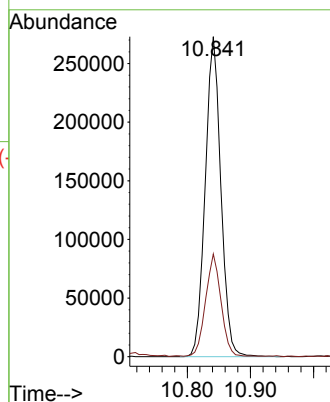
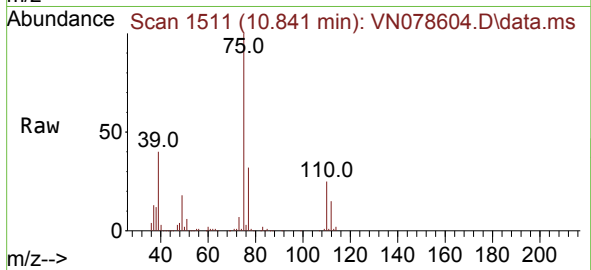




#53
t-1,3-Dichloropropene
Concen: 56.517 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

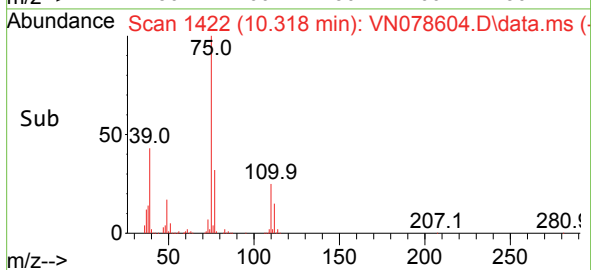
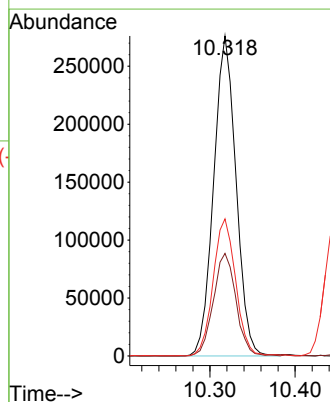
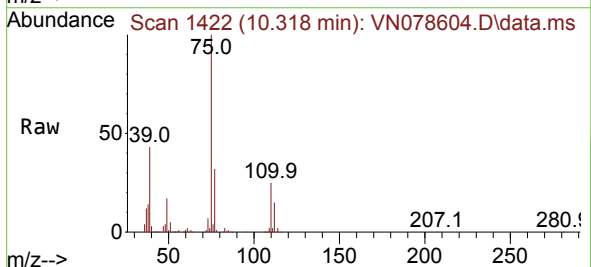
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

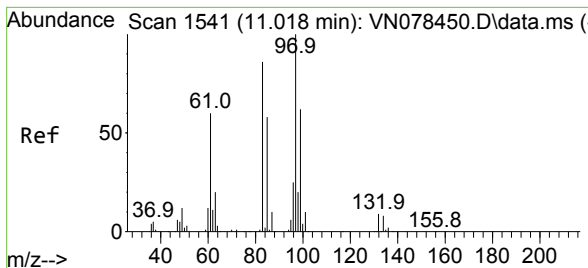
Tgt Ion: 75 Resp: 469481
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 56.900 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 75 Resp: 503825
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 42.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 55.348 ug/l

RT: 11.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 306679

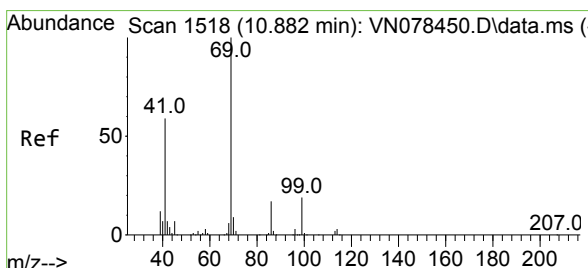
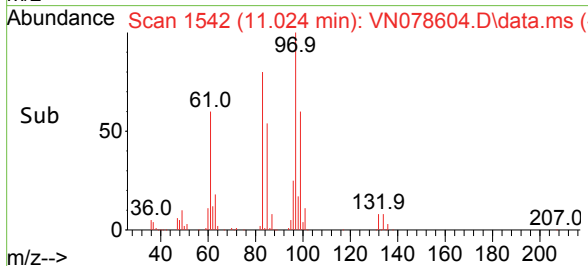
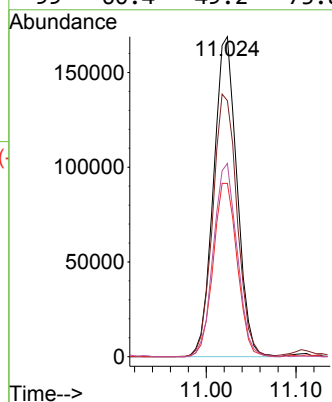
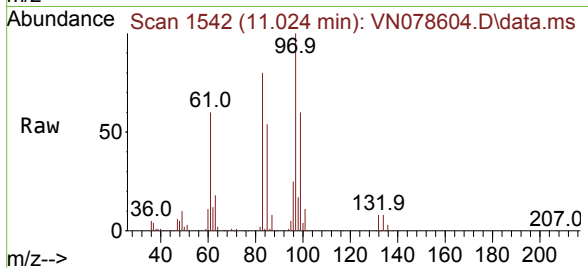
Ion Ratio Lower Upper

97 100

83 79.9 65.1 97.7

85 54.1 43.4 65.2

99 60.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 55.906 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

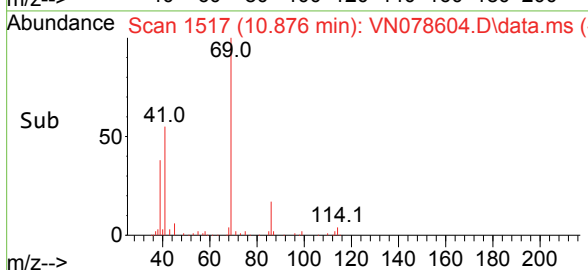
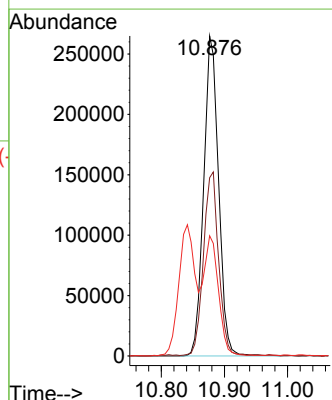
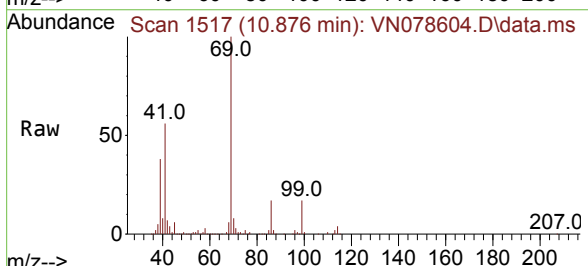
Tgt Ion: 69 Resp: 433031

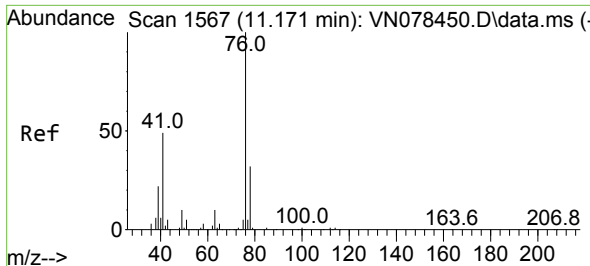
Ion Ratio Lower Upper

69 100

41 58.2 39.6 59.4

39 37.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 54.267 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

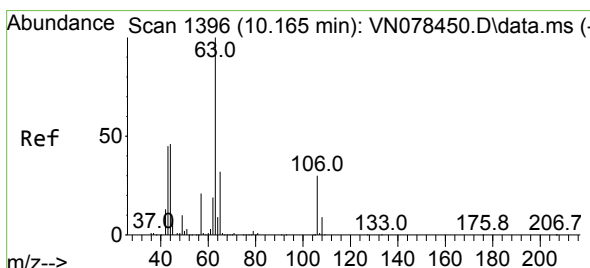
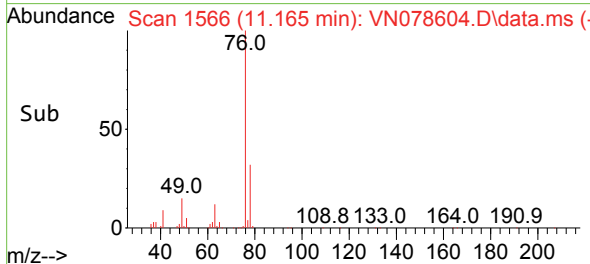
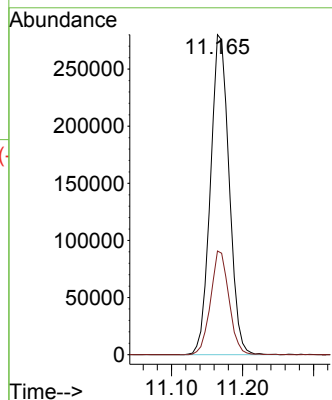
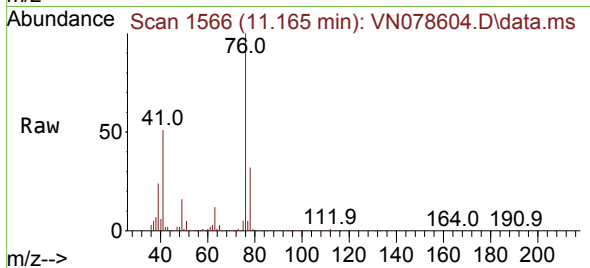
VSTDCCC050

Tgt Ion: 76 Resp: 511270

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 265.442 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078604.D

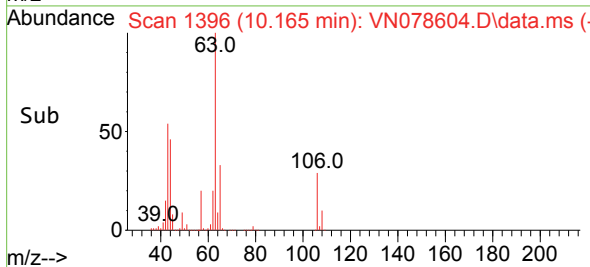
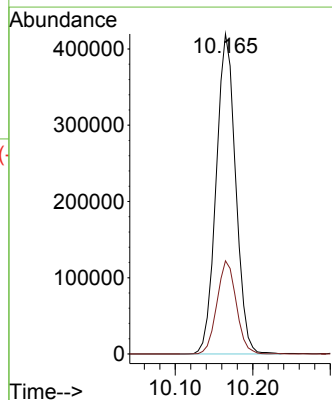
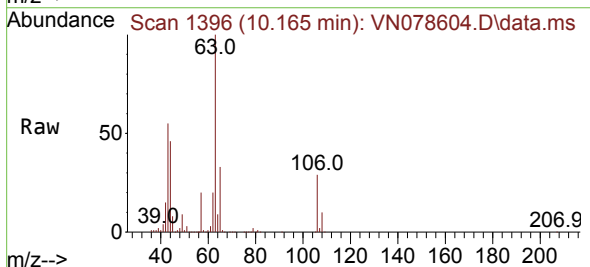
Acq: 21 Jul 2023 09:52

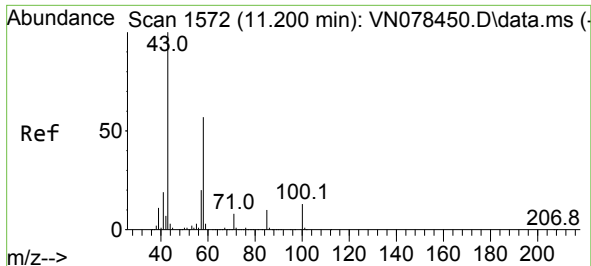
Tgt Ion: 63 Resp: 732711

Ion Ratio Lower Upper

63 100

106 28.8 26.2 39.4

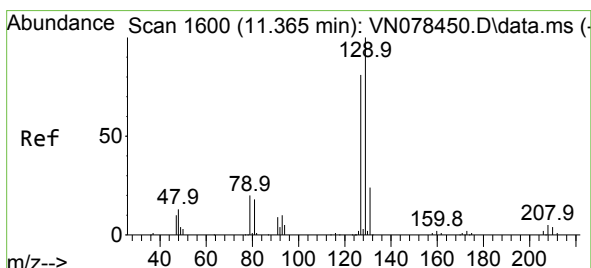
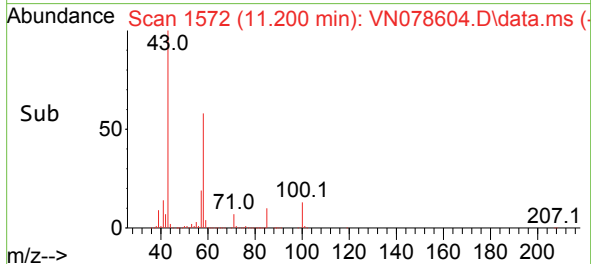
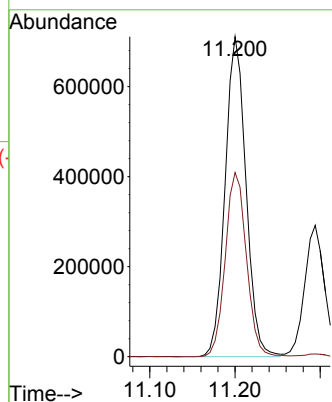
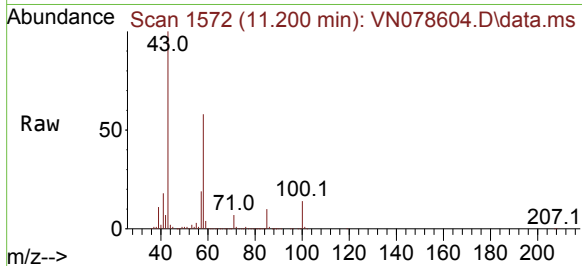




#59
2-Hexanone
Concen: 271.603 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

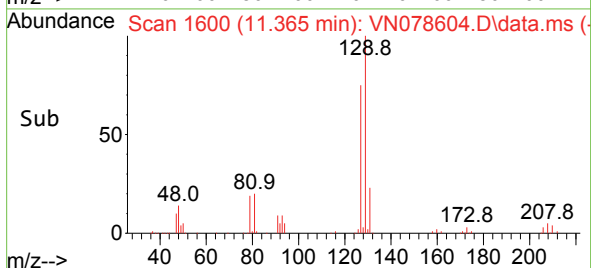
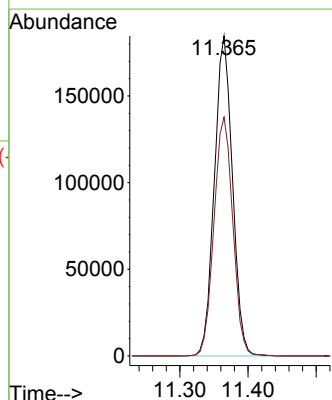
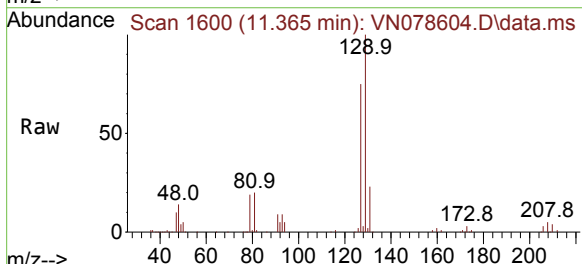
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

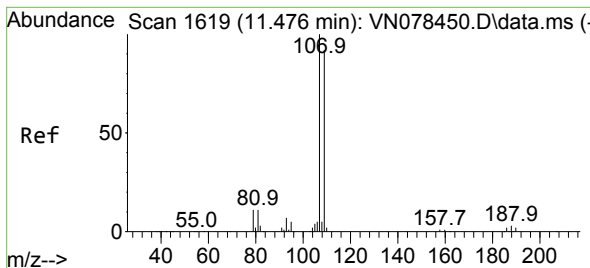
Tgt Ion: 43 Resp: 1206957
Ion Ratio Lower Upper
43 100
58 58.5 31.7 95.1



#60
Dibromochloromethane
Concen: 55.802 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 129 Resp: 341345
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0

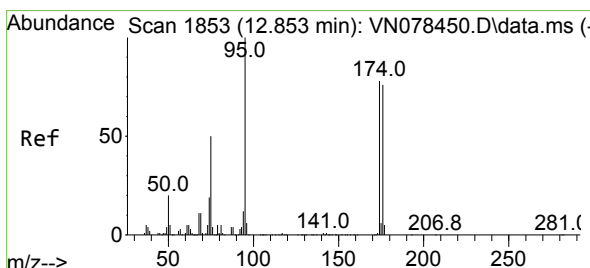
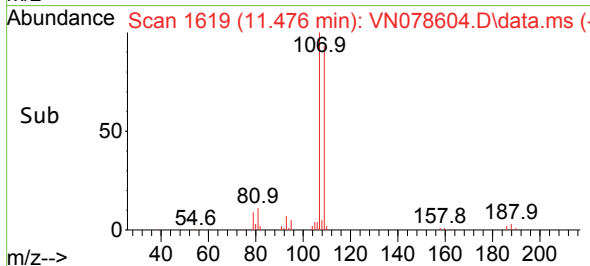
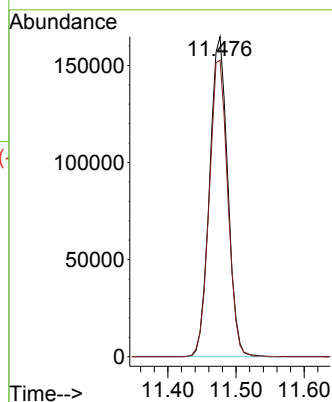
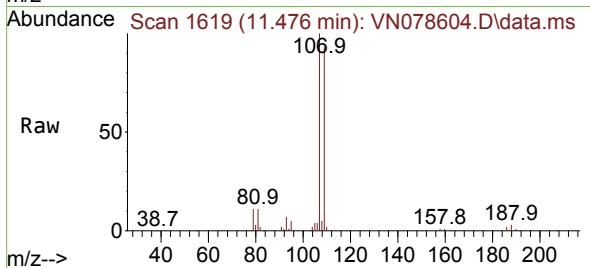




#61
1,2-Dibromoethane
Concen: 53.315 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

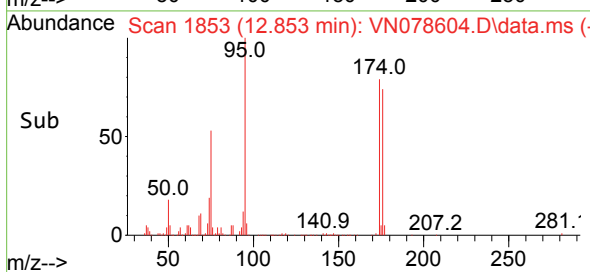
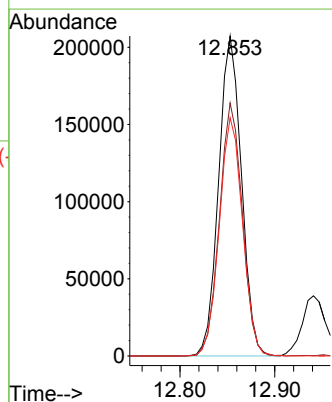
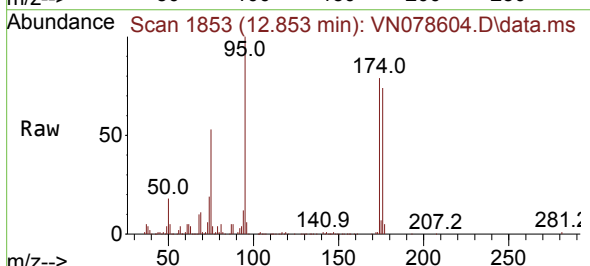
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

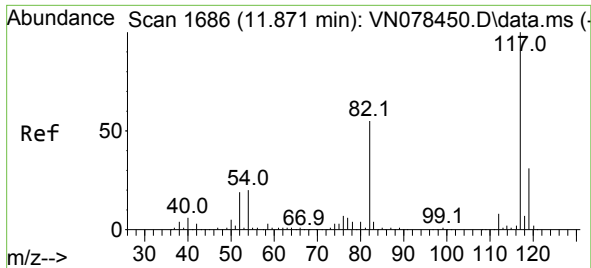
Tgt Ion:107 Resp: 304316
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 56.216 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 95 Resp: 346990
Ion Ratio Lower Upper
95 100
174 79.3 0.0 143.8
176 76.0 0.0 135.8

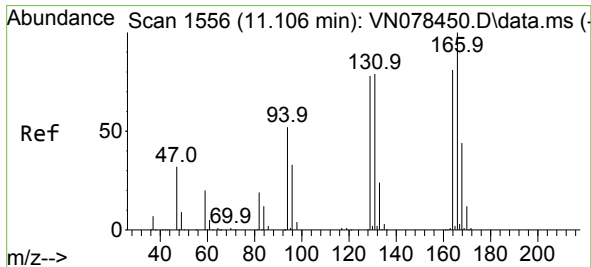
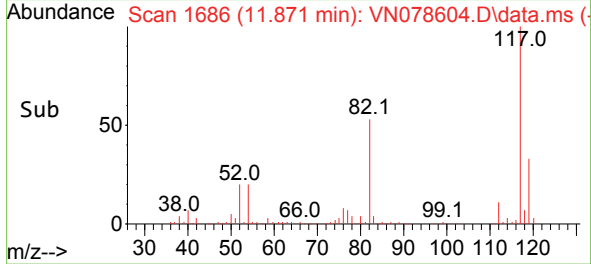
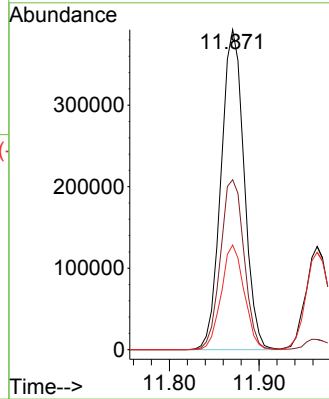
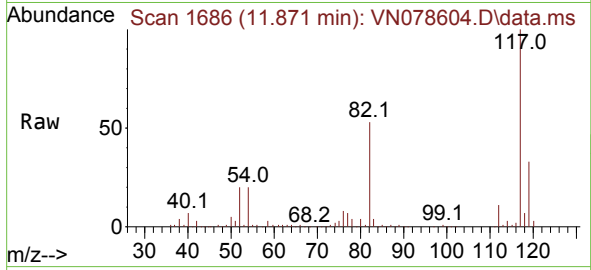




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

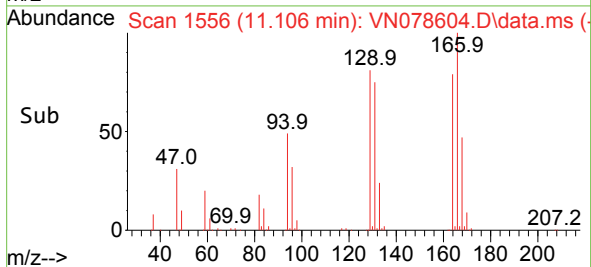
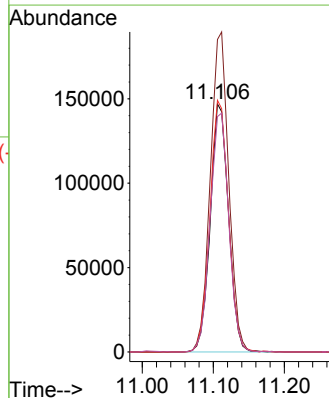
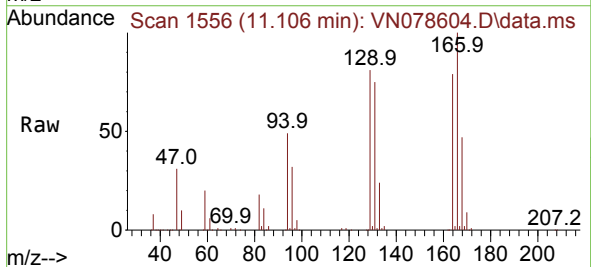
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

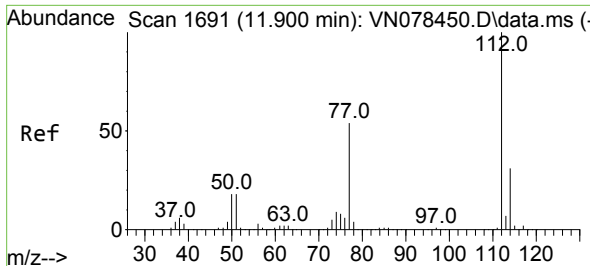
Tgt Ion:117 Resp: 698816
Ion Ratio Lower Upper
117 100
82 53.1 44.0 66.0
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 49.866 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion:164 Resp: 261991
Ion Ratio Lower Upper
164 100
166 125.9 101.4 152.0
129 101.4 82.4 123.6
131 94.9 78.2 117.4

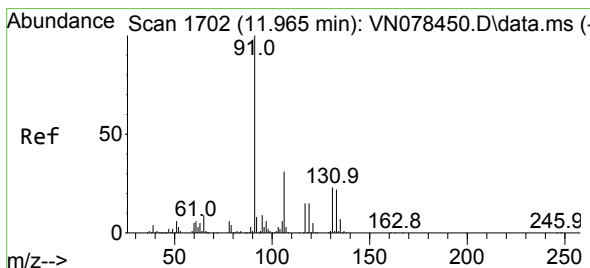
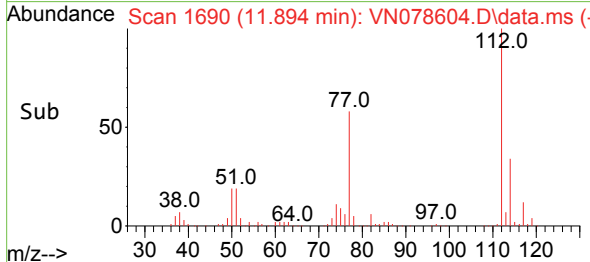
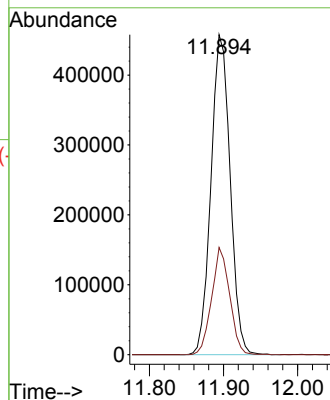
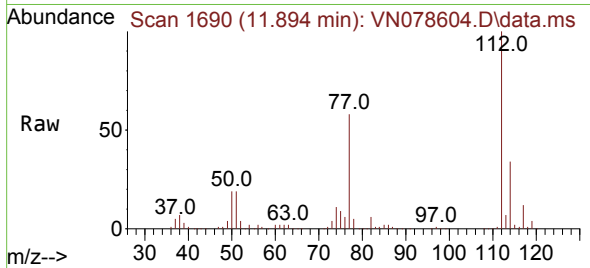




#65
Chlorobenzene
Concen: 52.629 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

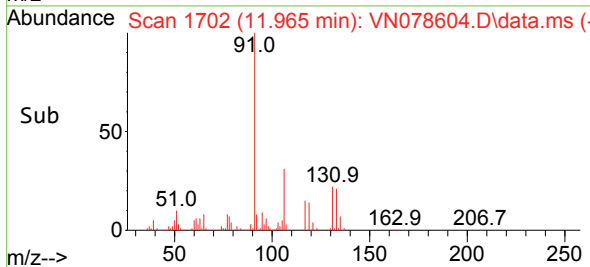
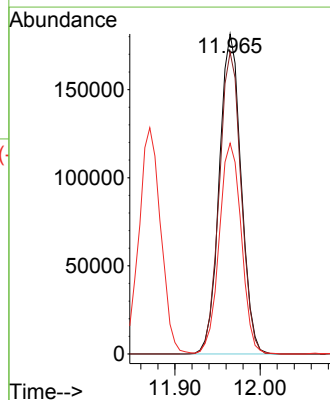
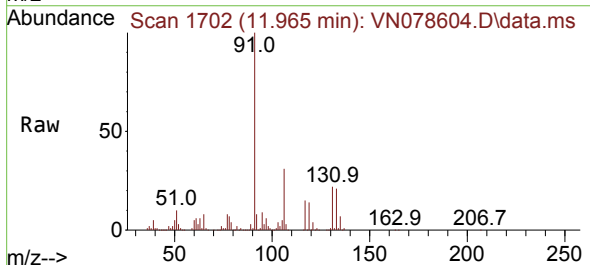
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

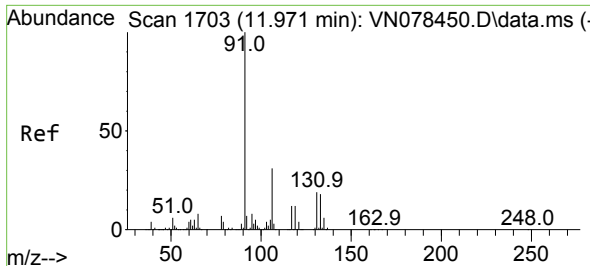
Tgt Ion:112 Resp: 822071
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.644 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion:131 Resp: 322351
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 66.8 34.1 102.2

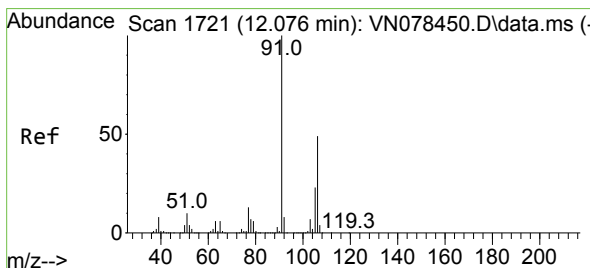
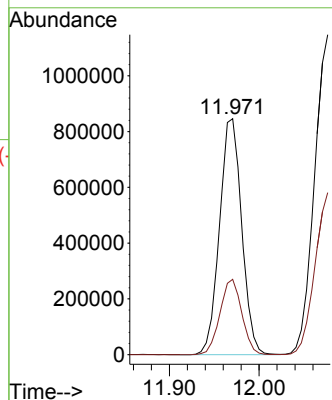
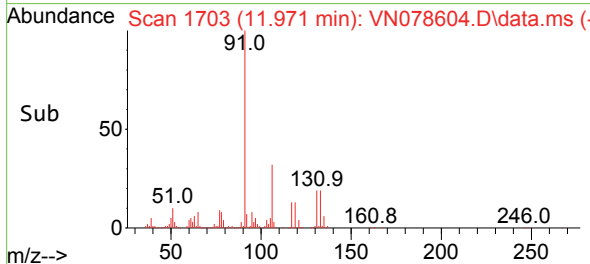
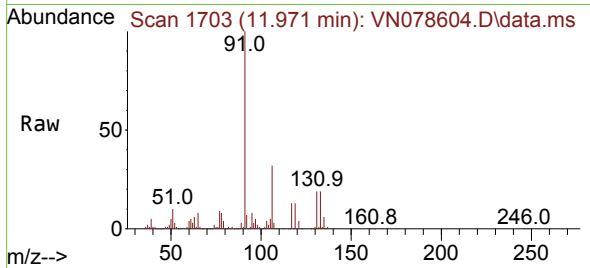




#67
Ethyl Benzene
Concen: 55.035 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

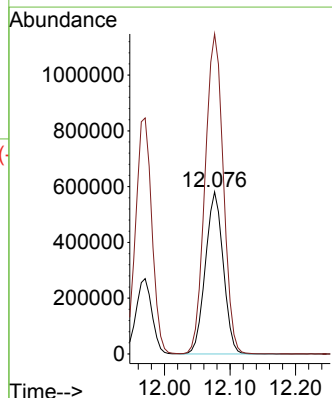
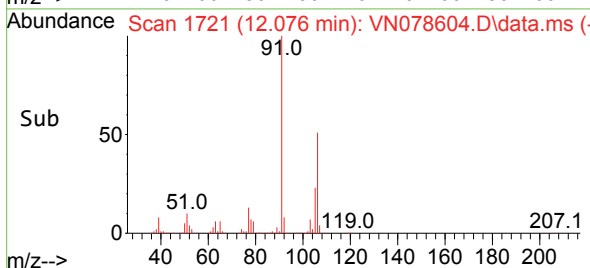
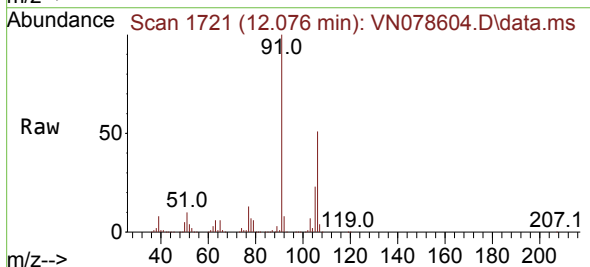
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

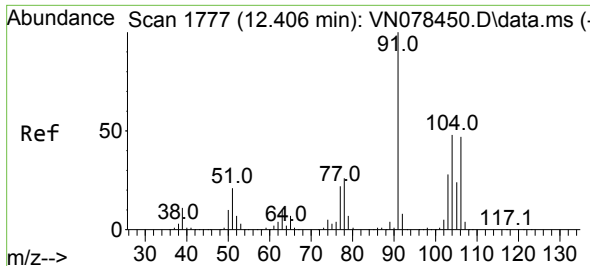
Tgt Ion: 91 Resp: 1453109
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 112.588 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion:106 Resp: 1099095
Ion Ratio Lower Upper
106 100
91 202.4 159.6 239.4

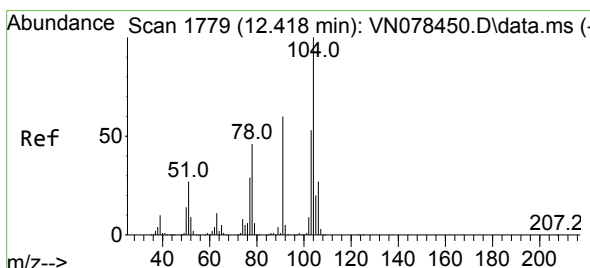
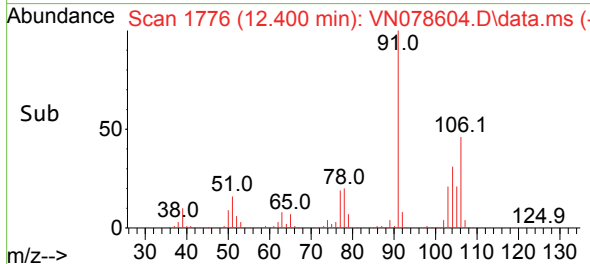
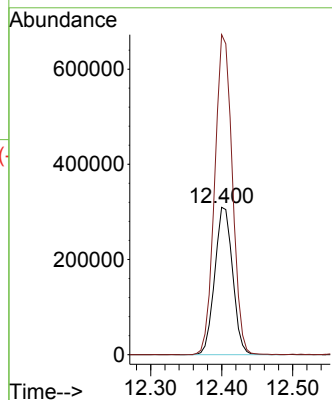
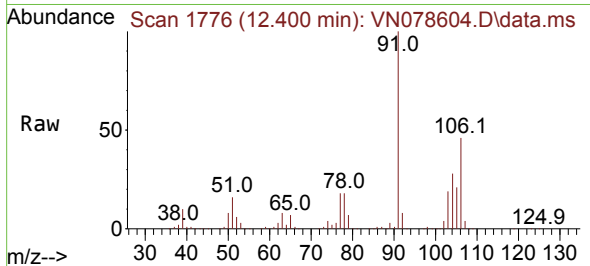




#69
o-Xylene
Concen: 54.668 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

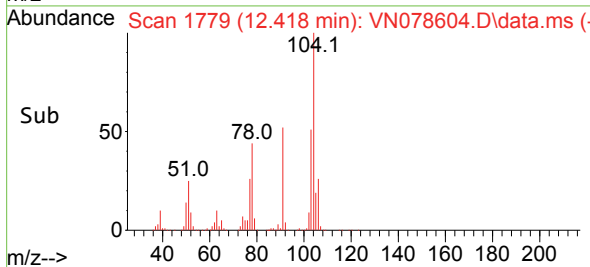
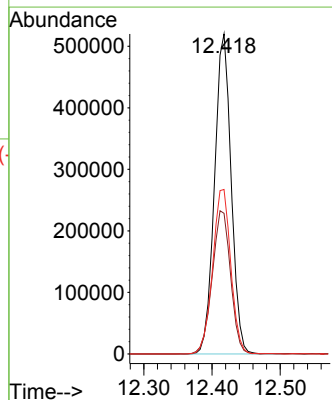
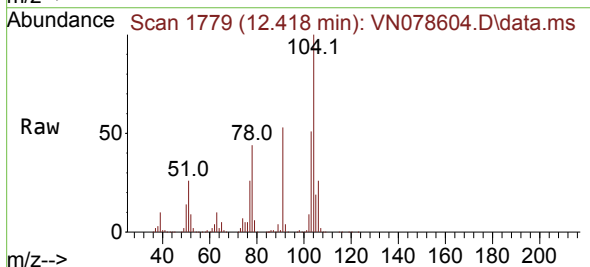
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

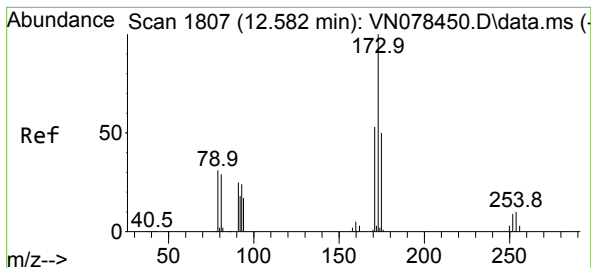
Tgt Ion:106 Resp: 539042
Ion Ratio Lower Upper
106 100
91 214.6 105.2 315.5



#70
Styrene
Concen: 57.267 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion:104 Resp: 883402
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 56.2 43.2 64.8





#71

Bromoform

Concen: 54.957 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

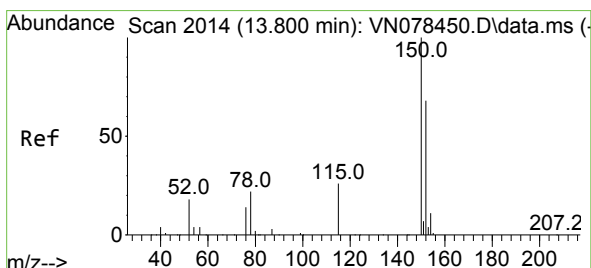
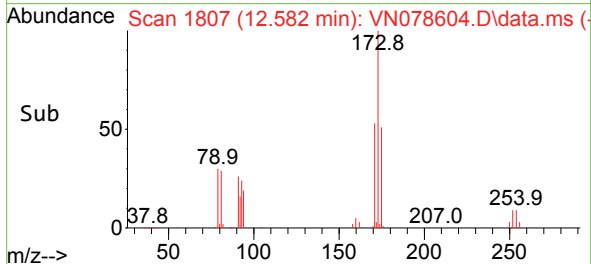
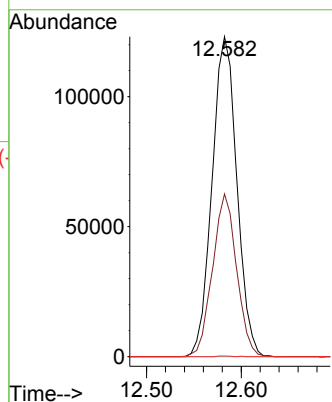
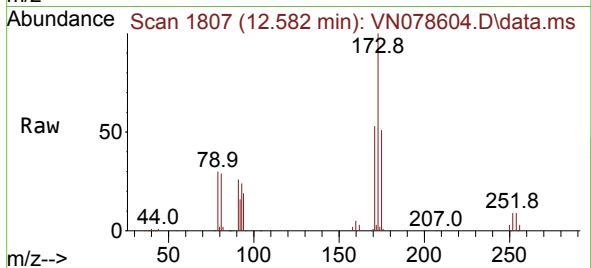
Tgt Ion:173 Resp: 223656

Ion Ratio Lower Upper

173 100

175 49.4 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

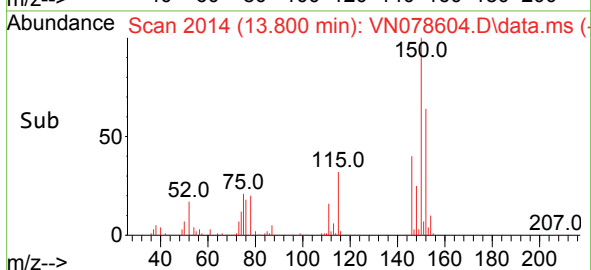
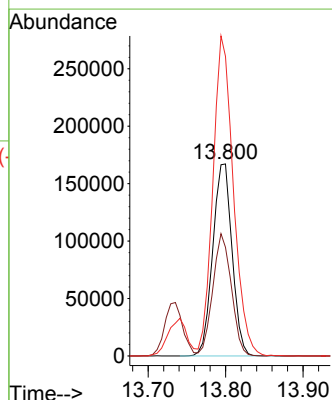
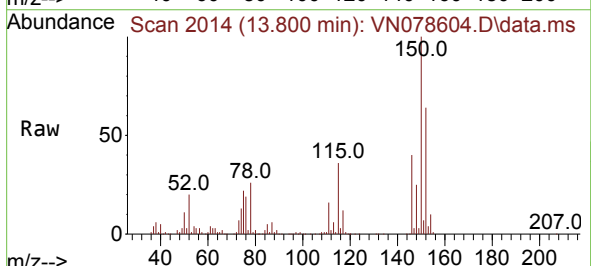
Tgt Ion:152 Resp: 289326

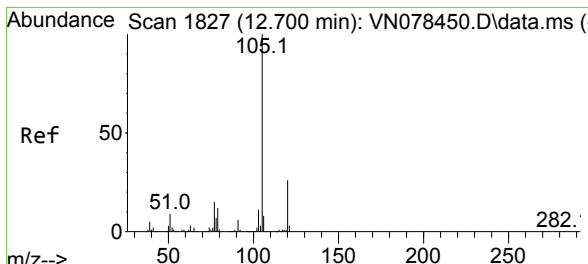
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 175.9 0.0 355.8

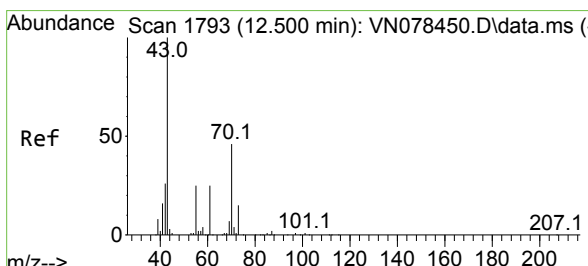
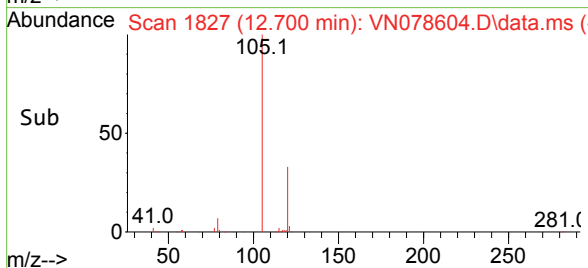
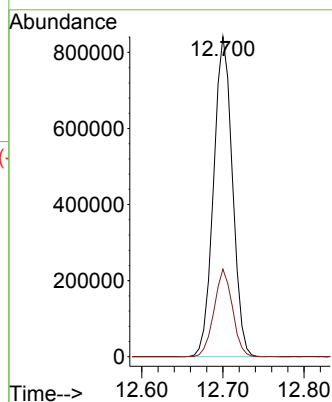
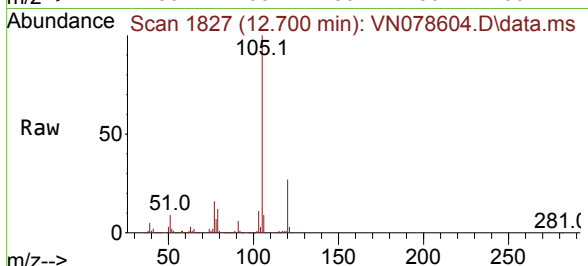




#73
Isopropylbenzene
Concen: 49.936 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

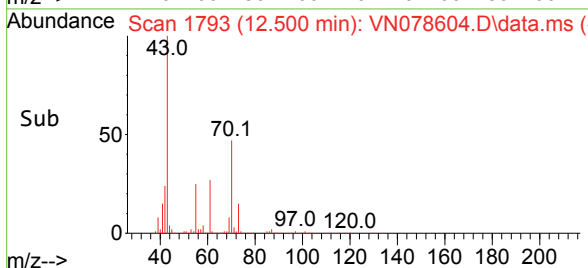
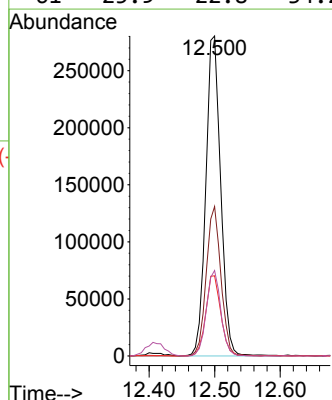
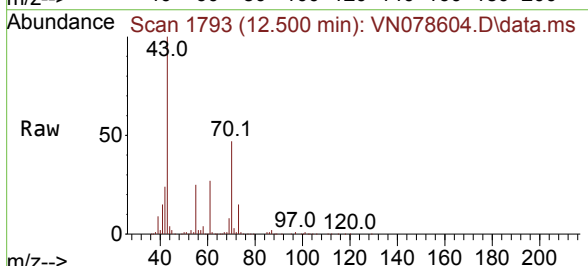
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

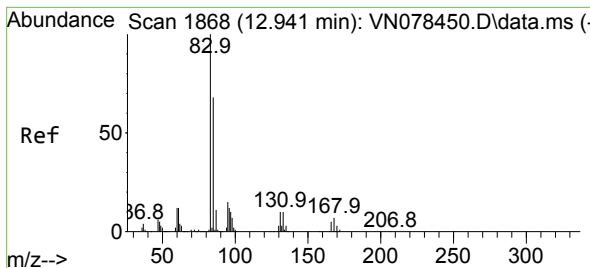
Tgt Ion:105 Resp: 1357562
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1



#74
N-ethyl acetate
Concen: 47.329 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 43 Resp: 443421
Ion Ratio Lower Upper
43 100
70 46.0 43.4 65.2
55 25.6 21.4 32.0
61 25.9 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.217 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

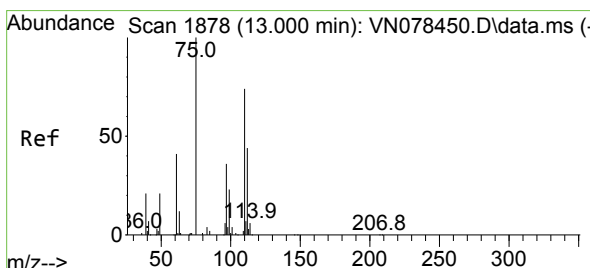
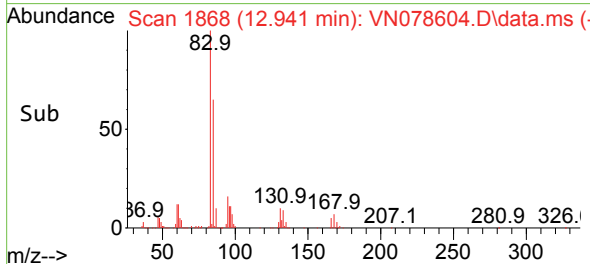
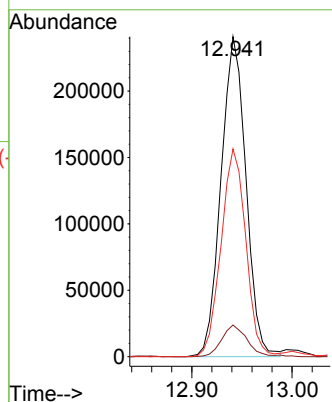
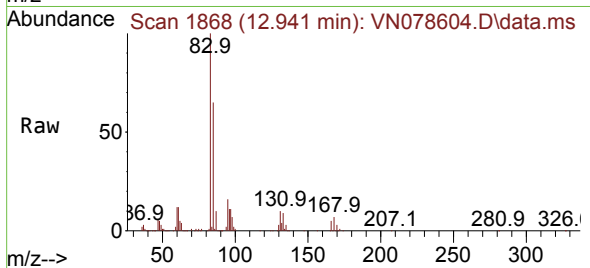
Tgt Ion: 83 Resp: 416820

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 64.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 71.532 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078604.D

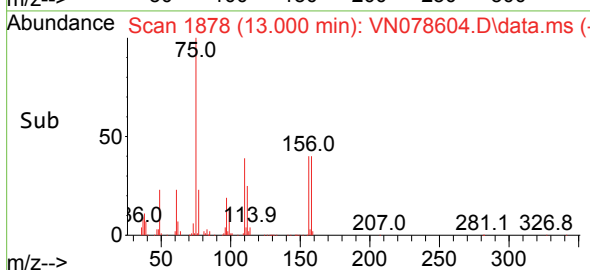
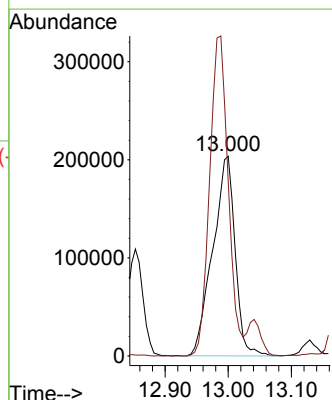
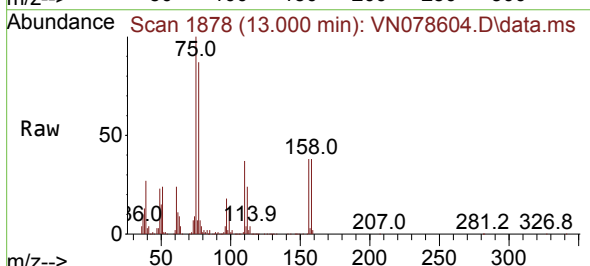
Acq: 21 Jul 2023 09:52

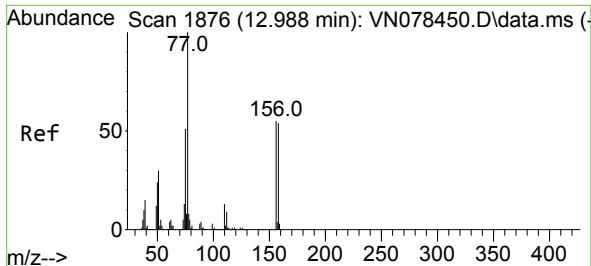
Tgt Ion: 75 Resp: 500246

Ion Ratio Lower Upper

75 100

77 133.2 84.5 253.5

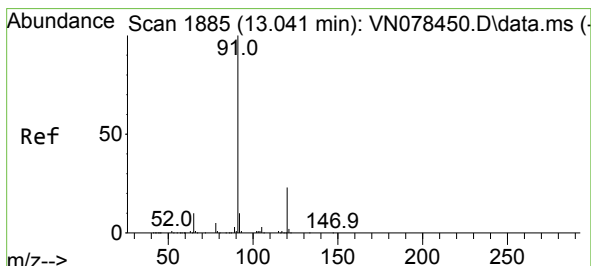
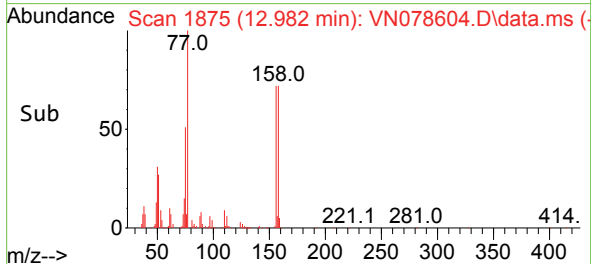
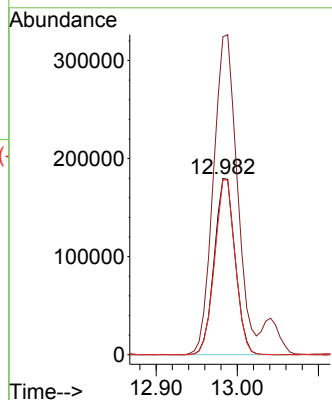
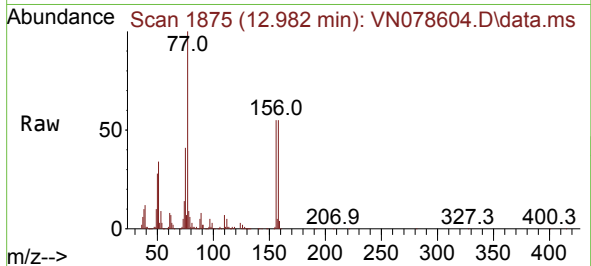




#77
Bromobenzene
Concen: 54.471 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

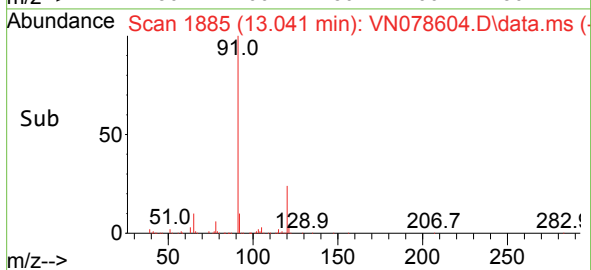
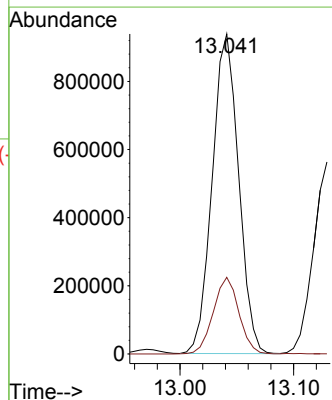
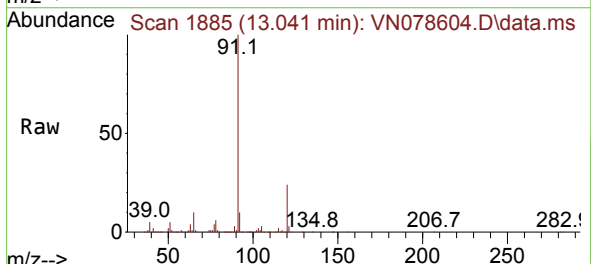
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

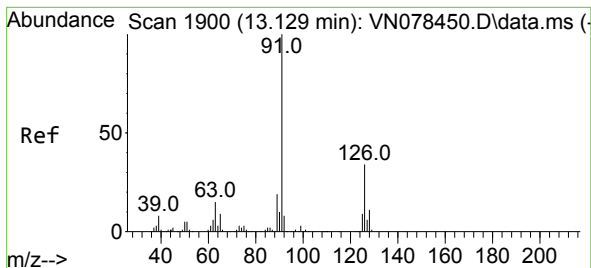
Tgt Ion:156 Resp: 321221
Ion Ratio Lower Upper
156 100
77 207.4 107.7 323.3
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 52.058 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 91 Resp: 1513540
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.671 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078604.D

Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

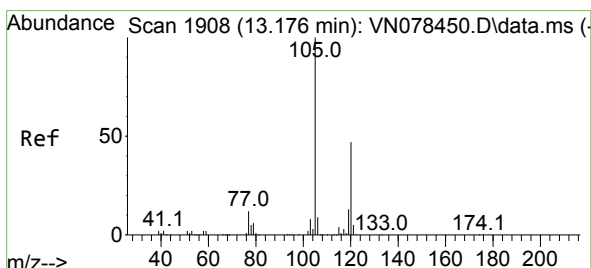
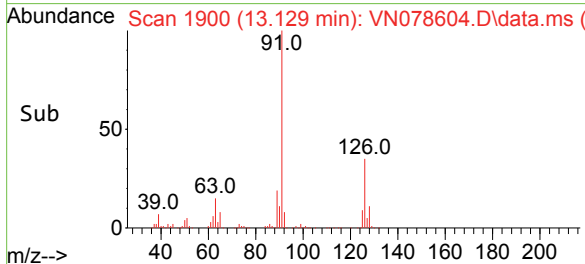
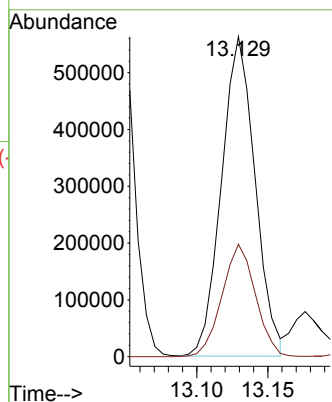
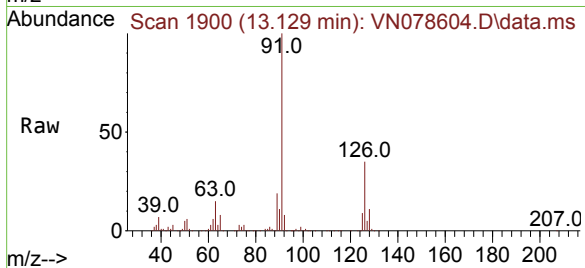
VSTDCCC050

Tgt Ion: 91 Resp: 926889

Ion Ratio Lower Upper

91 100

126 35.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 51.700 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078604.D

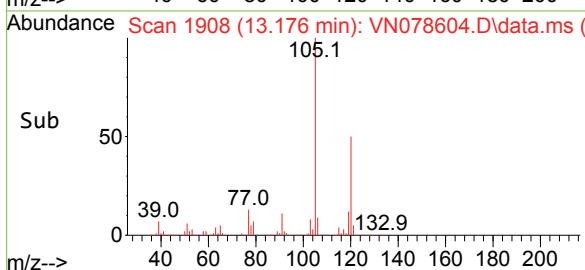
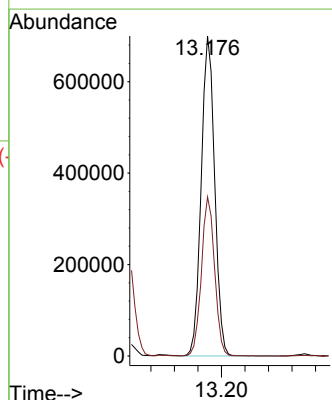
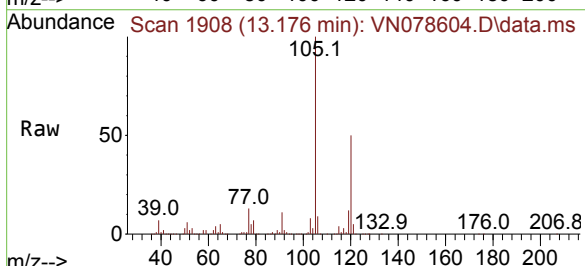
Acq: 21 Jul 2023 09:52

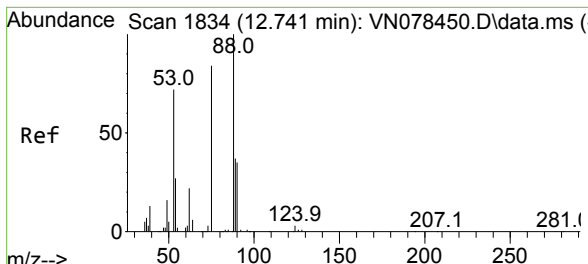
Tgt Ion:105 Resp: 1110549

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3

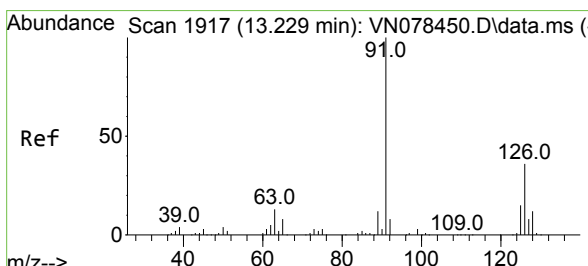
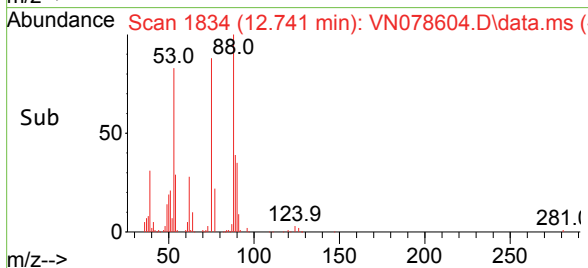
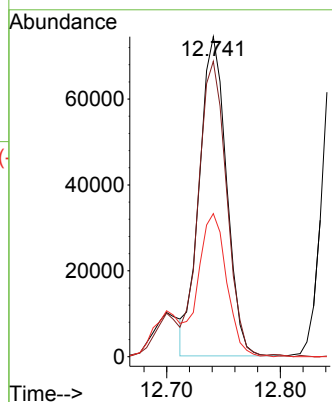
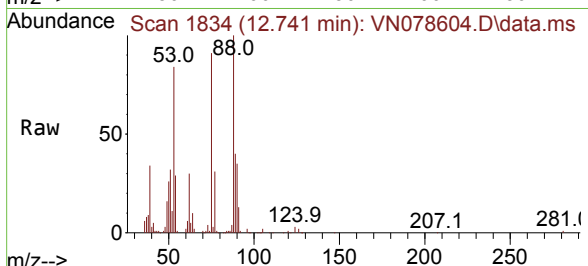




#81
trans-1,4-Dichloro-2-butene
Concen: 46.333 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

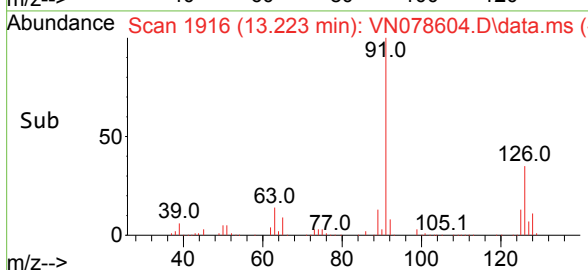
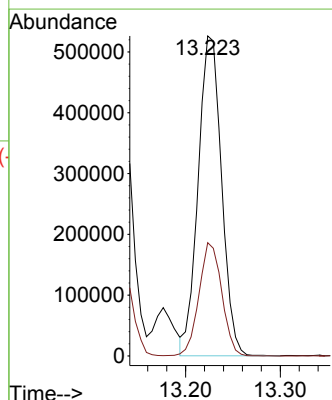
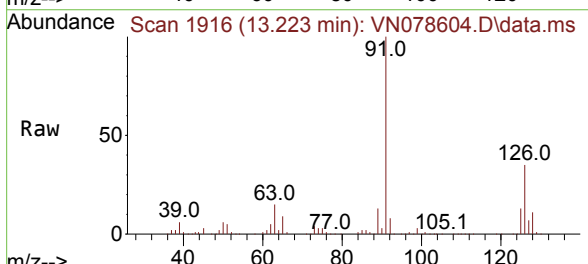
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

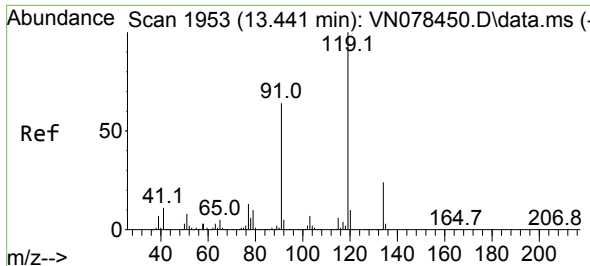
Tgt Ion: 75 Resp: 123306
Ion Ratio Lower Upper
75 100
53 96.3 67.4 101.2
89 47.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.707 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion: 91 Resp: 900833
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0

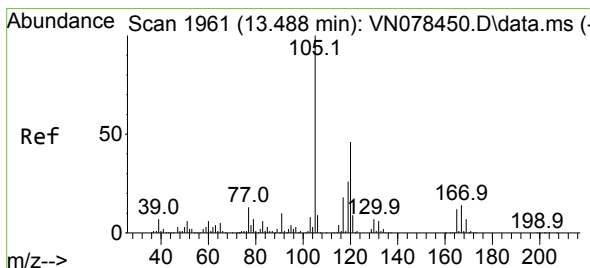
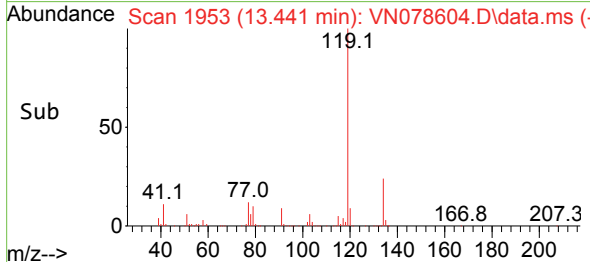
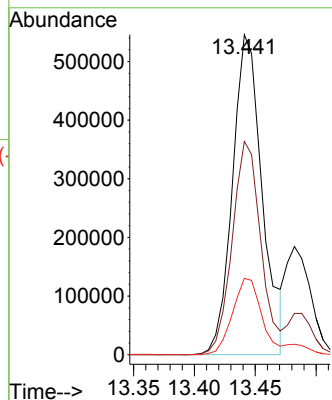
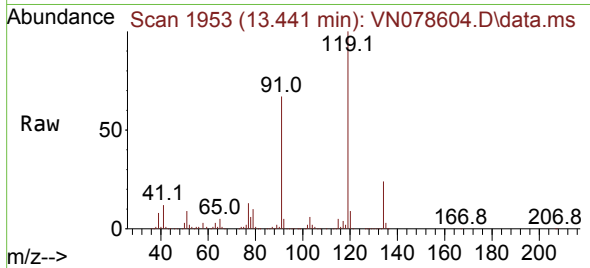




#83
tert-Butylbenzene
Concen: 50.845 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

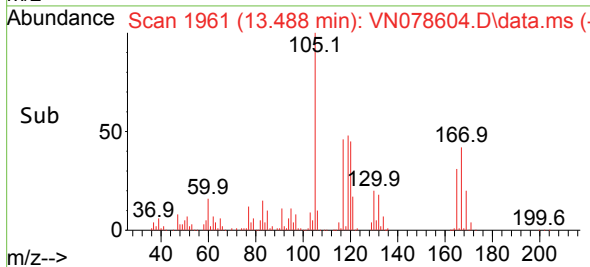
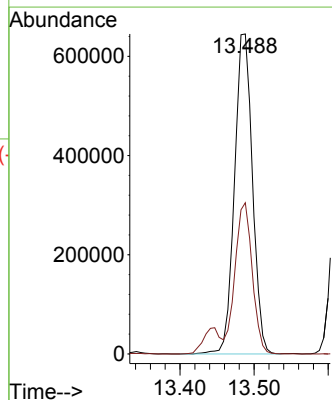
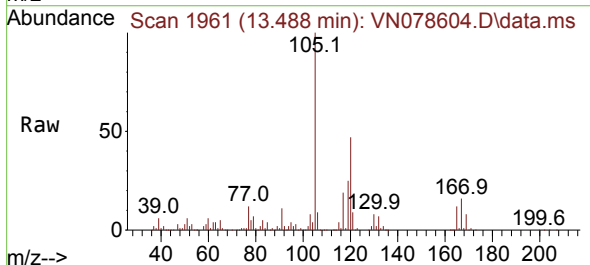
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

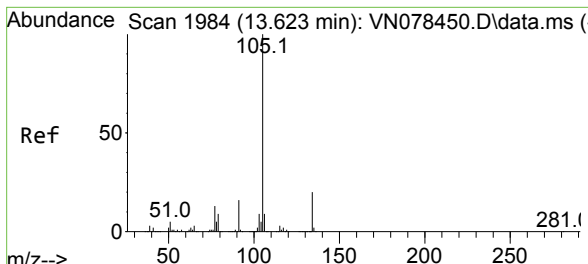
Tgt Ion:119 Resp: 927278
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 25.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 52.020 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion:105 Resp: 1085379
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0

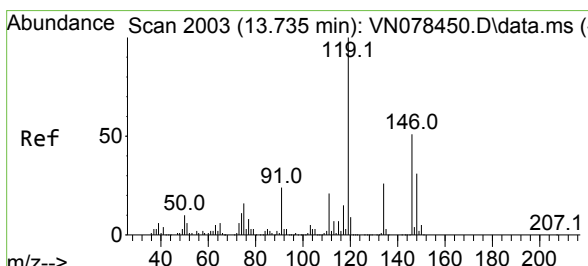
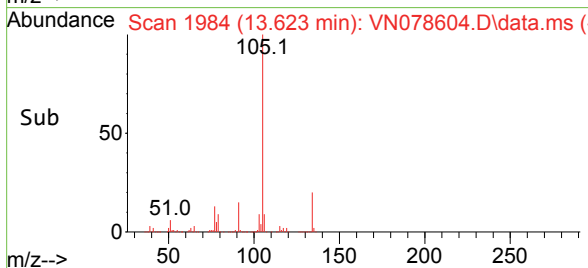
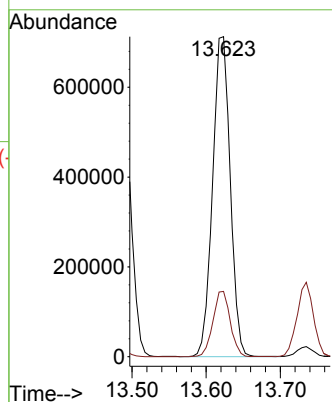
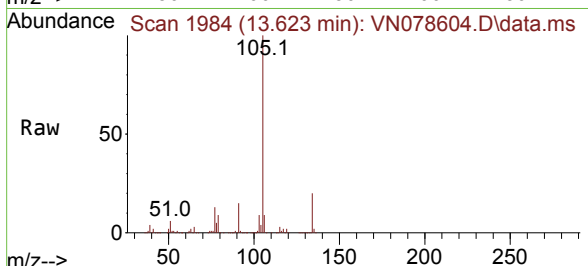




#85
 sec-Butylbenzene
 Concen: 51.152 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

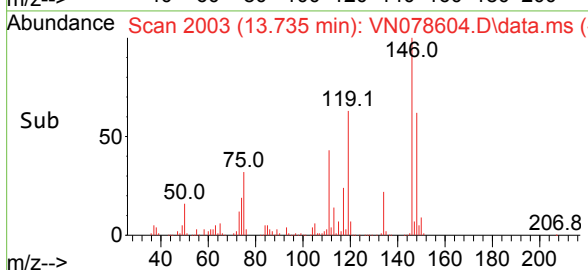
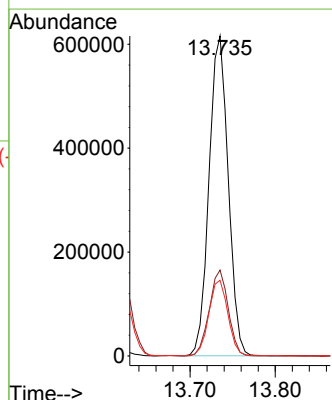
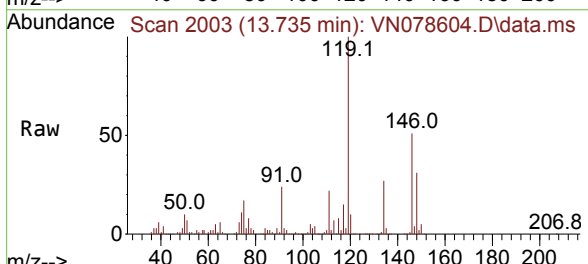
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

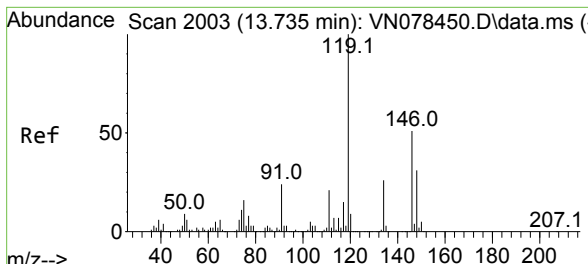
Tgt Ion:105 Resp: 1179140
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 51.960 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Tgt Ion:119 Resp: 961762
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 23.5 12.4 37.2

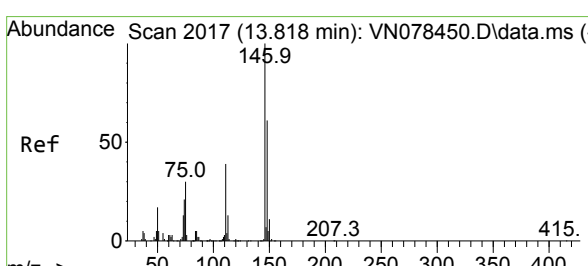
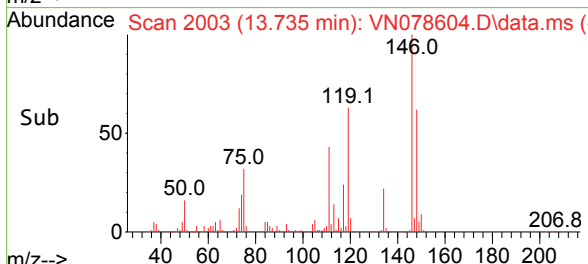
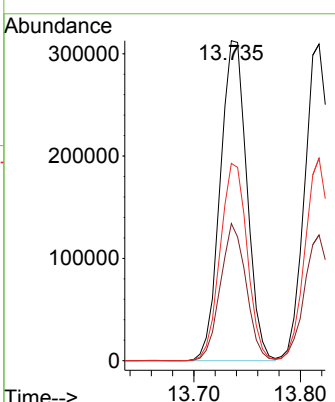
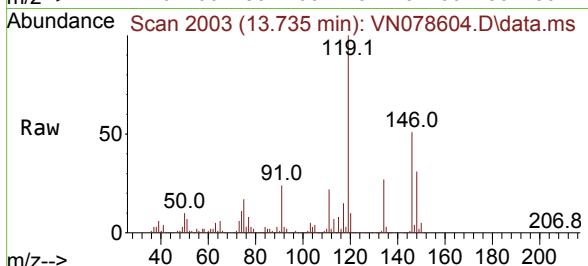




#87
 1,3-Dichlorobenzene
 Concen: 52.119 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

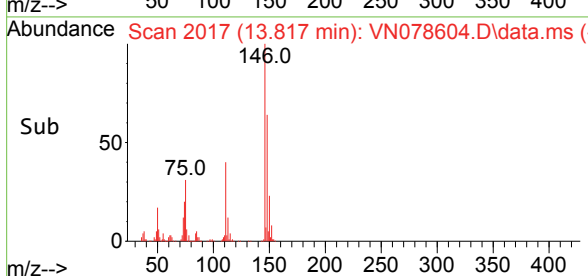
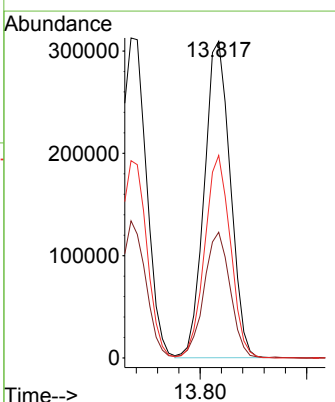
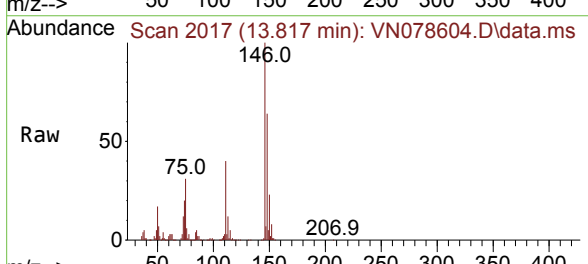
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

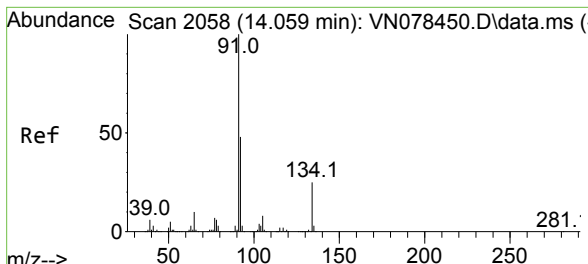
Tgt Ion:	146	Resp:	543948
Ion Ratio	Lower	Upper	
146	100		
111	41.3	22.1	66.3
148	62.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.850 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Tgt Ion:	146	Resp:	524037
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.6	61.8
148	63.4	31.6	94.8

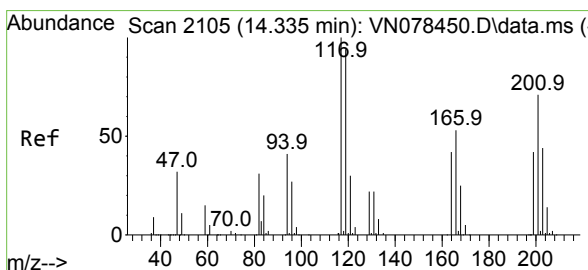
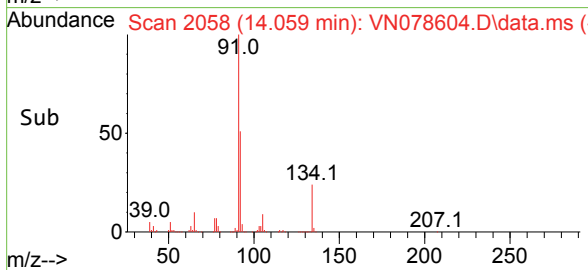
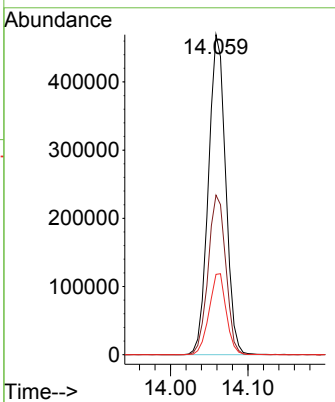
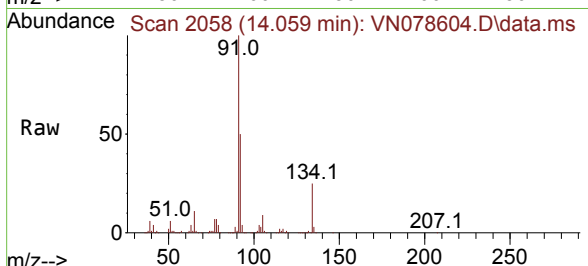




#89
 n-Butylbenzene
 Concen: 54.706 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

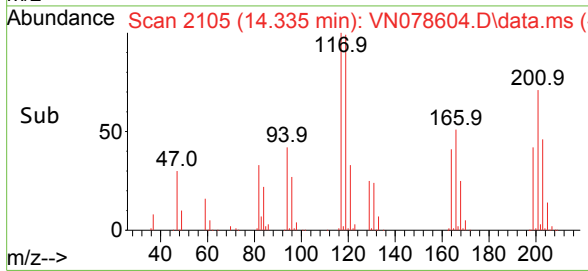
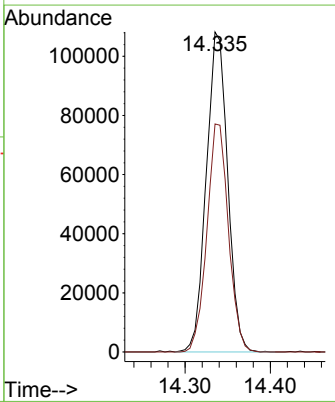
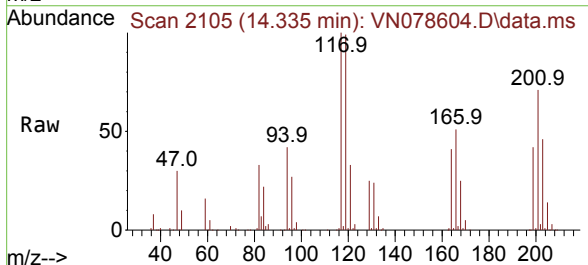
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

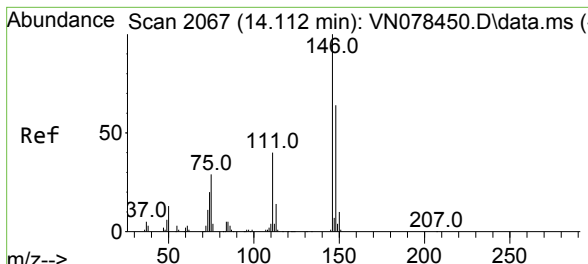
Tgt Ion:	91	Resp:	724511
Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.4	79.0
134	25.2	12.6	37.6



#90
 Hexachloroethane
 Concen: 55.567 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Tgt Ion:	117	Resp:	188734
Ion	Ratio	Lower	Upper
117	100		
201	71.6	29.3	88.0

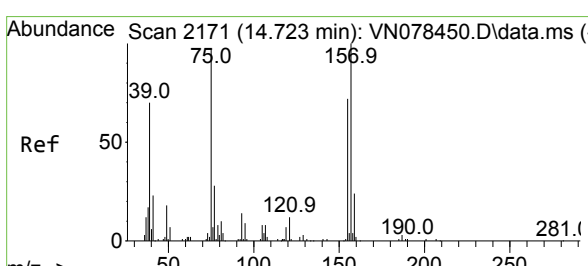
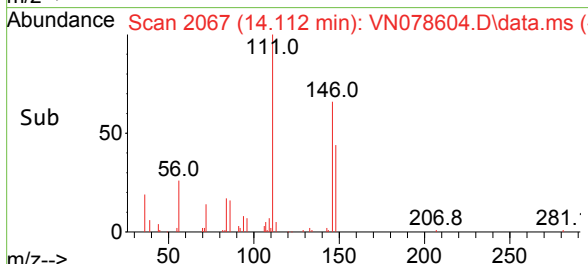
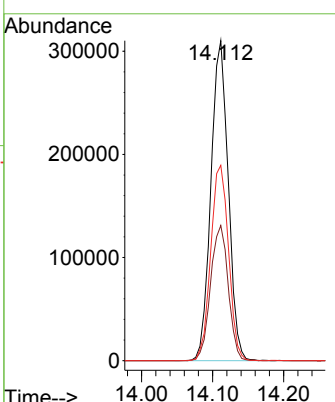
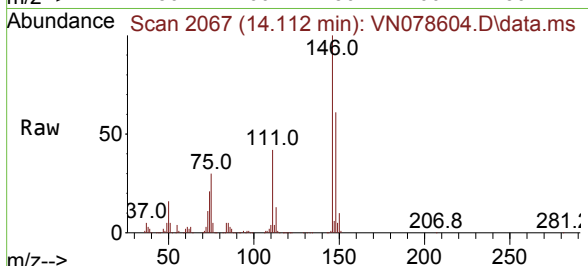




#91
 1,2-Dichlorobenzene
 Concen: 50.444 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

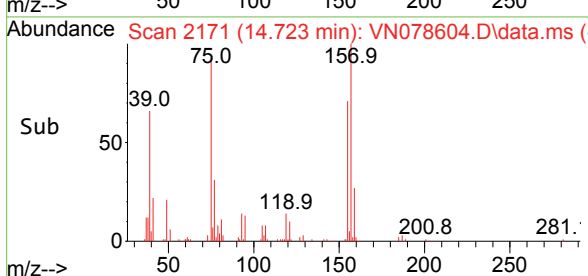
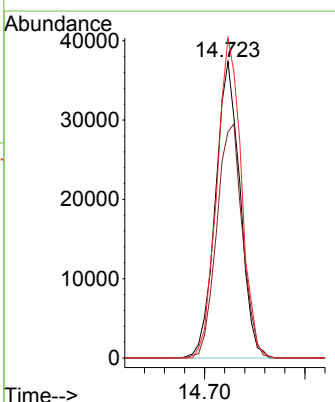
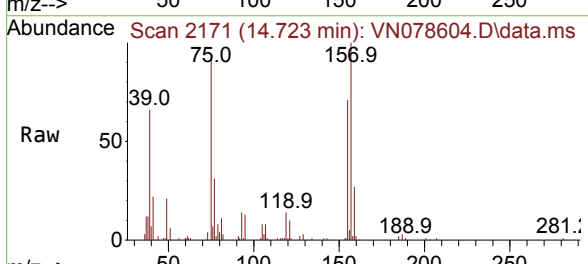
Instrument :
 MSVOA_N
 ClientSampleId :
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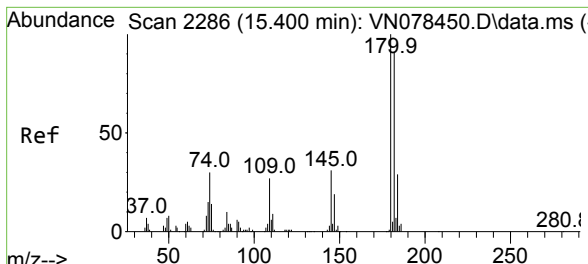
Tgt Ion:	146	Resp:	523925
Ion Ratio	Lower	Upper	
146	100		
111	43.2	22.0	66.0
148	62.8	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.626 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Tgt Ion:	75	Resp:	63355
Ion Ratio	Lower	Upper	
75	100		
155	83.2	39.1	117.2
157	108.1	50.3	150.9

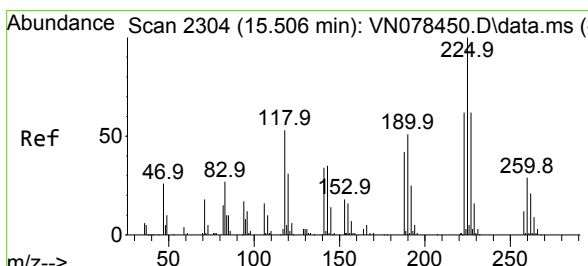
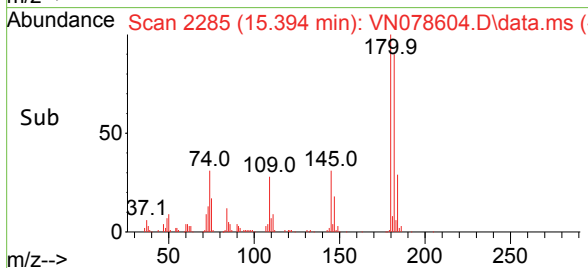
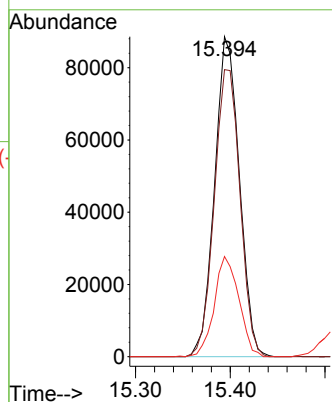
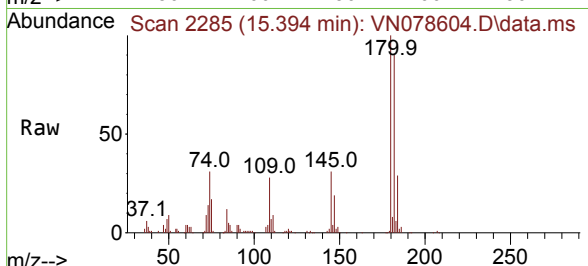




#93
 1,2,4-Trichlorobenzene
 Concen: 48.585 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

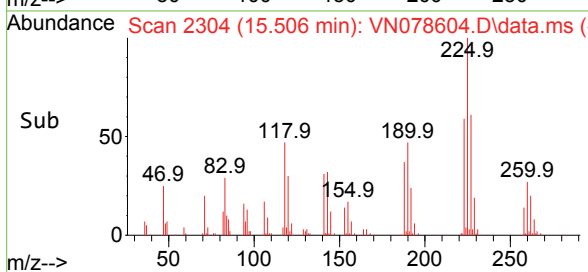
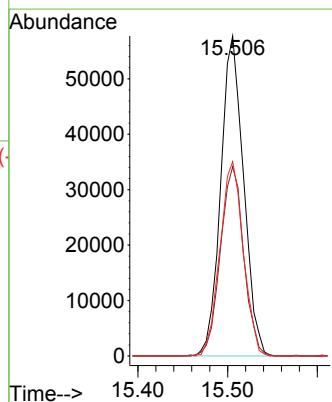
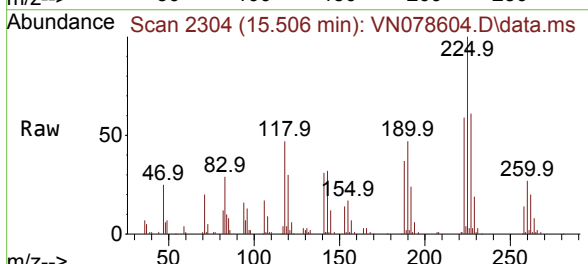
Instrument :
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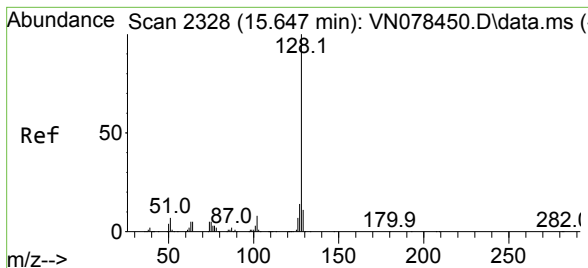
Tgt Ion:180 Resp: 161050
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.1 138.2
 145 31.1 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 60.349 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Tgt Ion:225 Resp: 102018
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.3 93.8
 227 62.0 31.9 95.9

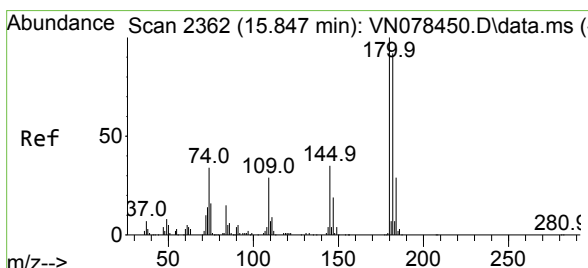
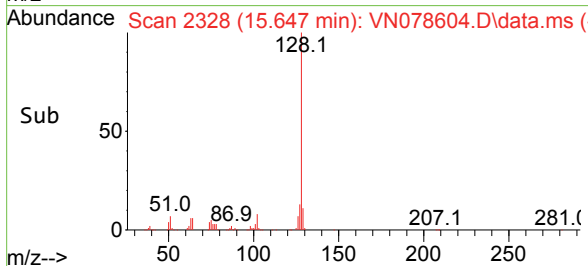
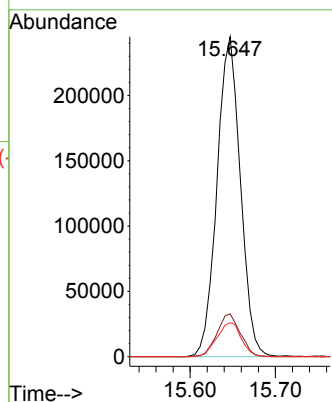
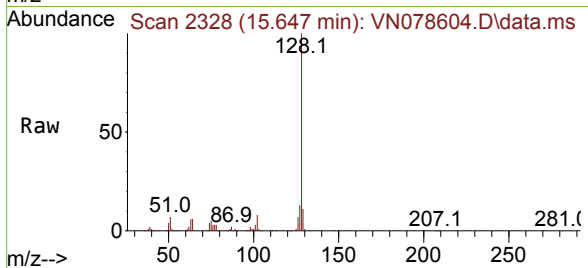




#95
Naphthalene
Concen: 41.216 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 467071
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.376 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078604.D
Acq: 21 Jul 2023 09:52

Tgt Ion:180 Resp: 176766
Ion Ratio Lower Upper
180 100
182 97.2 46.2 138.6
145 34.2 17.5 52.6

