

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078984.D
 Acq On : 22 Aug 2023 11:10
 Operator : JC\MD
 Sample : VN0822WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 02:58:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	164871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129688	50.550	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.100%	
35) Dibromofluoromethane	8.171	113	100325	52.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	10.571	98	366571	51.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.853	95	114764	49.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	48131	21.039	ug/l	99
3) Chloromethane	2.365	50	53969	16.897	ug/l	95
4) Vinyl Chloride	2.512	62	59338	21.184	ug/l #	88
5) Bromomethane	2.954	94	35419	22.023	ug/l	98
6) Chloroethane	3.118	64	38622	19.723	ug/l	99
7) Trichlorofluoromethane	3.495	101	71347	20.912	ug/l	98
8) Diethyl Ether	3.959	74	26857	20.765	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	37778	20.791	ug/l	98
10) Methyl Iodide	4.589	142	42887	21.095	ug/l	91
11) Tert butyl alcohol	5.524	59	41541	96.495	ug/l #	88
12) 1,1-Dichloroethene	4.348	96	36430	20.582	ug/l	87
13) Acrolein	4.189	56	23281	89.691	ug/l	100
14) Allyl chloride	5.030	41	71184	20.206	ug/l #	88
15) Acrylonitrile	5.730	53	121326	104.031	ug/l	99
16) Acetone	4.436	43	106646	100.745	ug/l #	86
17) Carbon Disulfide	4.718	76	99962	20.175	ug/l	95
18) Methyl Acetate	5.030	43	89650	20.047	ug/l #	79
19) Methyl tert-butyl Ether	5.806	73	132376	20.762	ug/l	98
20) Methylene Chloride	5.283	84	47324	20.978	ug/l #	83
21) trans-1,2-Dichloroethene	5.800	96	40801	20.556	ug/l	87
22) Diisopropyl ether	6.677	45	157433	21.124	ug/l #	91
23) Vinyl Acetate	6.606	43	487426	99.330	ug/l #	83
24) 1,1-Dichloroethane	6.577	63	82614	20.291	ug/l	96
25) 2-Butanone	7.494	43	168794	99.455	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	64610	19.633	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	46247	19.170	ug/l	80
28) Bromochloromethane	7.818	49	42946	19.885	ug/l #	74
29) Tetrahydrofuran	7.841	42	111284	99.063	ug/l #	72
30) Chloroform	7.971	83	84421	20.755	ug/l	93
31) Cyclohexane	8.259	56	67166	19.375	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	71761	20.691	ug/l	95
36) 1,1-Dichloropropene	8.377	75	59548	20.531	ug/l	95
37) Ethyl Acetate	7.571	43	71494	22.032	ug/l #	89
38) Carbon Tetrachloride	8.371	117	62286	21.433	ug/l	98
39) Methylcyclohexane	9.606	83	51347	19.250	ug/l #	89
40) Benzene	8.612	78	182369	21.273	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078984.D
 Acq On : 22 Aug 2023 11:10
 Operator : JC\MD
 Sample : VN0822WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 02:58:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37612	21.281	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	71364	22.282	ug/l	95
43) Isopropyl Acetate	8.694	43	120429	20.997	ug/l #	84
44) Trichloroethene	9.353	130	42425	20.828	ug/l	93
45) 1,2-Dichloropropane	9.624	63	50046	21.927	ug/l	92
46) Dibromomethane	9.712	93	33492	21.394	ug/l	94
47) Bromodichloromethane	9.894	83	66996	21.672	ug/l #	95
48) Methyl methacrylate	9.688	41	52096	20.044	ug/l #	78
49) 1,4-Dioxane	9.706	88	18581	419.718	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	350347	102.988	ug/l	86
52) Toluene	10.635	92	113506	21.565	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	67683	20.416	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	75653	20.953	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	46966	22.255	ug/l	99
56) Ethyl methacrylate	10.877	69	69595	21.274	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	80280	21.268	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	137892	87.809	ug/l	90
59) 2-Hexanone	11.200	43	250885	101.823	ug/l	83
60) Dibromochloromethane	11.365	129	47803	21.525	ug/l	100
61) 1,2-Dibromoethane	11.471	107	45575	21.251	ug/l	98
64) Tetrachloroethene	11.112	164	33290	20.130	ug/l	88
65) Chlorobenzene	11.894	112	114569	20.410	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	45084	21.253	ug/l	97
67) Ethyl Benzene	11.971	91	197458	19.344	ug/l	99
68) m/p-Xylenes	12.076	106	148854	39.003	ug/l	95
69) o-Xylene	12.400	106	71583	19.281	ug/l	95
70) Styrene	12.412	104	120602	19.482	ug/l	99
71) Bromoform	12.582	173	31395	20.357	ug/l #	98
73) Isopropylbenzene	12.700	105	173124	19.567	ug/l	100
74) N-amyl acetate	12.494	43	83197	18.629	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	68389	21.408	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	84321	32.980	ug/l	64
77) Bromobenzene	12.982	156	45773	21.523	ug/l	96
78) n-propylbenzene	13.041	91	198709	19.368	ug/l	98
79) 2-Chlorotoluene	13.129	91	126388	19.859	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	143985	20.536	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	19723	19.706	ug/l #	84
82) 4-Chlorotoluene	13.223	91	122770	19.715	ug/l	100
83) tert-Butylbenzene	13.441	119	120439	20.445	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	142035	20.459	ug/l	100
85) sec-Butylbenzene	13.618	105	159310	19.650	ug/l	99
86) p-Isopropyltoluene	13.735	119	125808	19.423	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	74178	20.270	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	71390	19.491	ug/l	98
89) n-Butylbenzene	14.065	91	98059	18.396	ug/l	97
90) Hexachloroethane	14.335	117	26801	20.641	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	72981	20.054	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11424	18.930	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	21909	16.982	ug/l	93
94) Hexachlorobutadiene	15.500	225	13324	17.847	ug/l	96
95) Naphthalene	15.647	128	64822	15.149	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	25038	17.720	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
Data File : VN078984.D
Acq On : 22 Aug 2023 11:10
Operator : JC\MD
Sample : VN0822WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

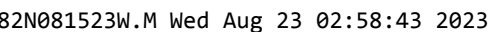
Instrument :
MSVOA_N
ClientSampleId :

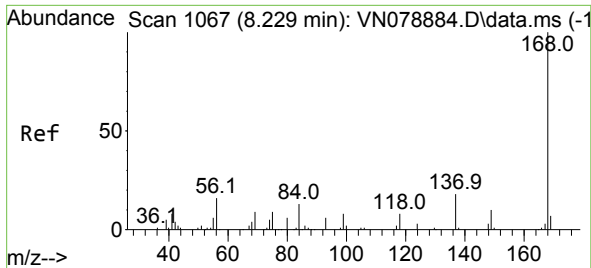
Quant Time: Aug 23 02:58:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Aug 23 02:58:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

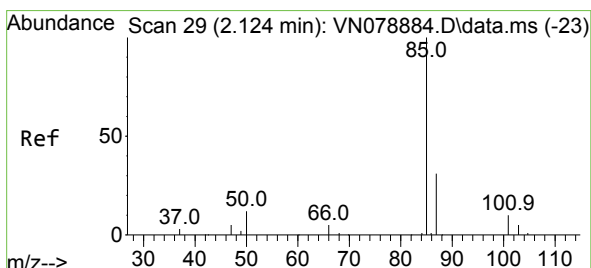
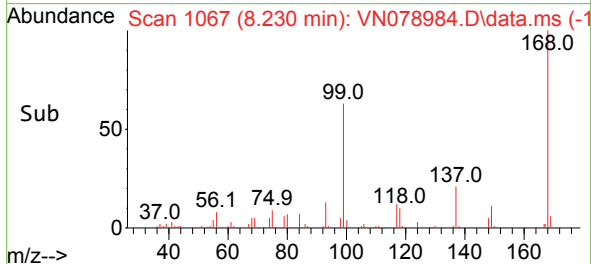
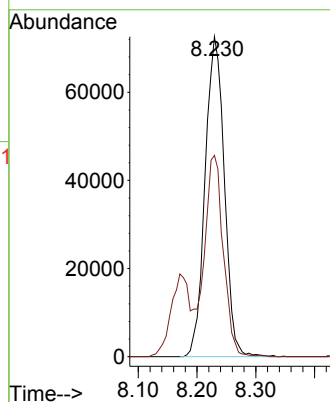
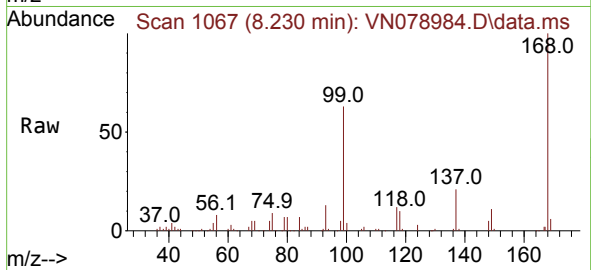




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

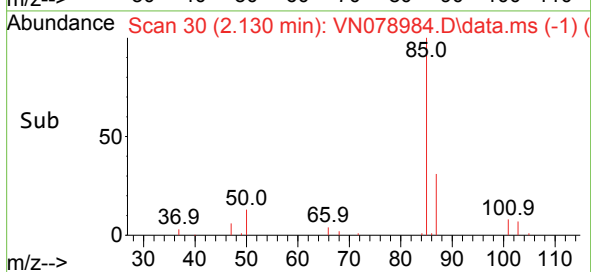
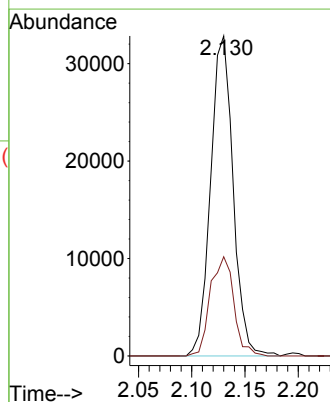
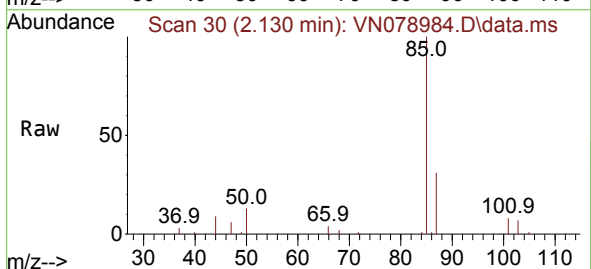
Instrument :
MSVOA_N
ClientSampleId :

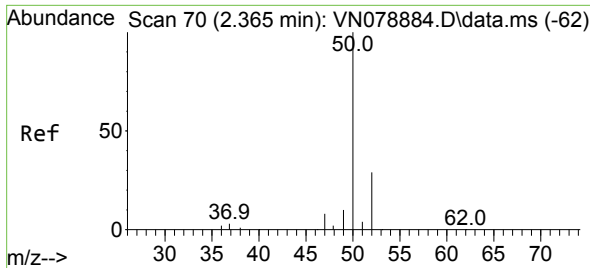
Tgt Ion:168 Resp: 164871
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 21.039 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 85 Resp: 48131
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4

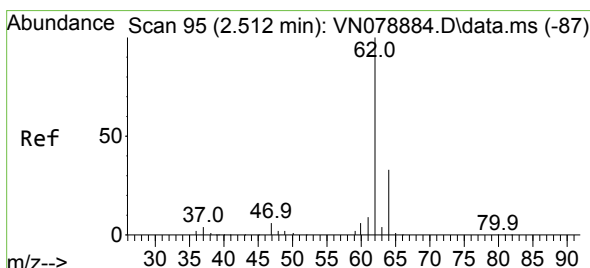
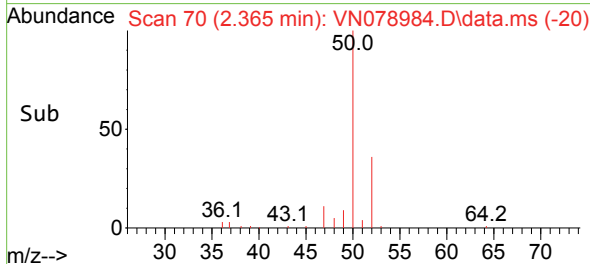
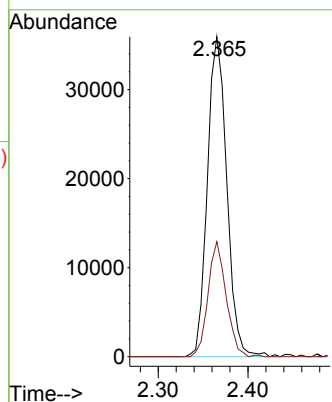
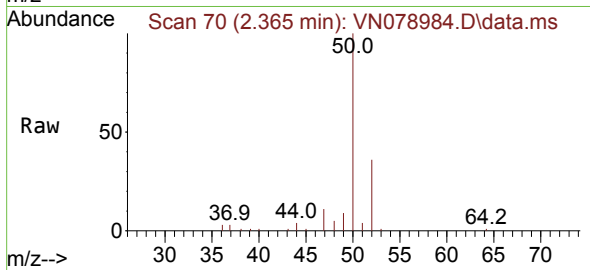




#3
Chloromethane
Concen: 16.897 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

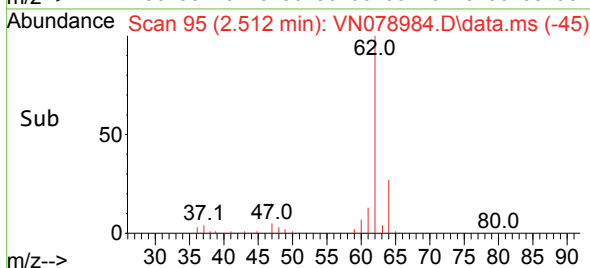
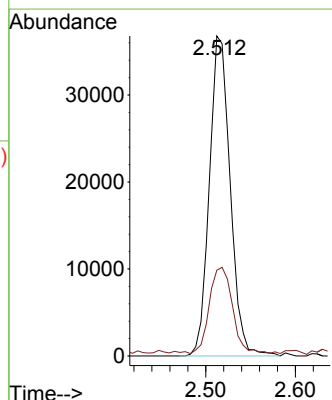
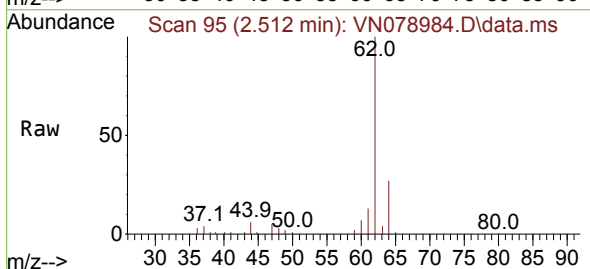
Instrument :
MSVOA_N
ClientSampleId :

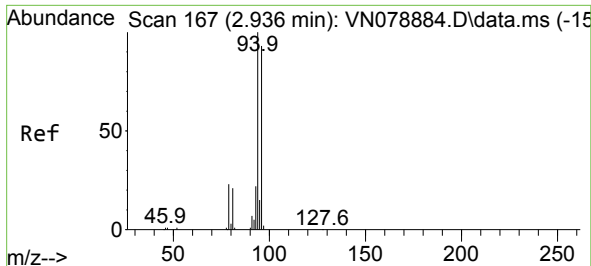
Tgt Ion: 50 Resp: 53969
Ion Ratio Lower Upper
50 100
52 35.9 26.5 39.7



#4
Vinyl Chloride
Concen: 21.184 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 62 Resp: 59338
Ion Ratio Lower Upper
62 100
64 26.0 26.2 39.2#

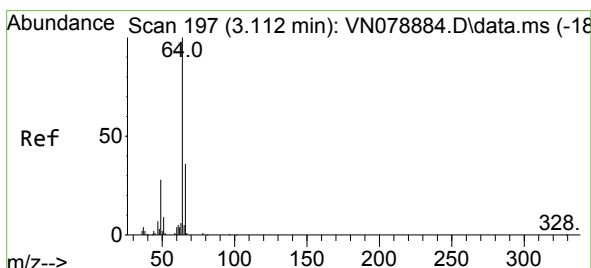
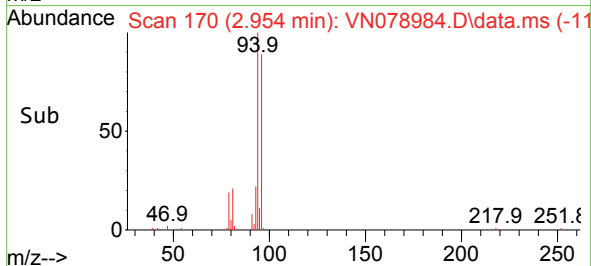
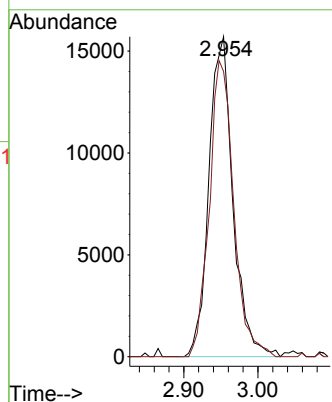
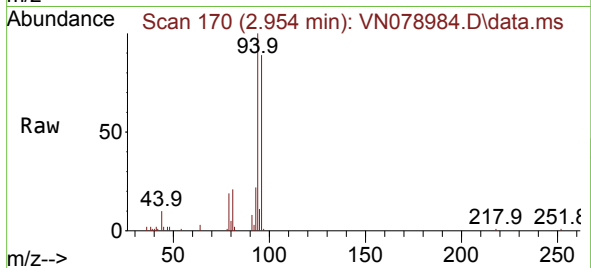




#5
Bromomethane
Concen: 22.023 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

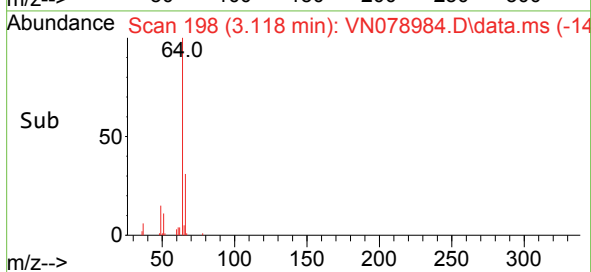
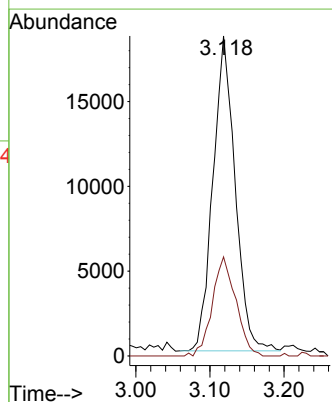
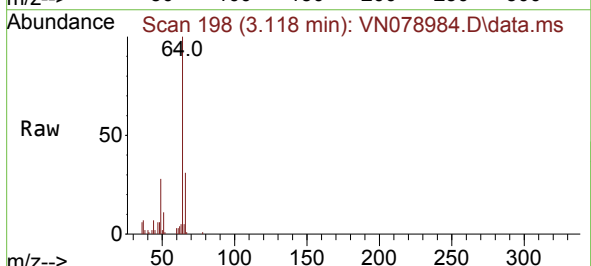
Instrument :
MSVOA_N
ClientSampleId :

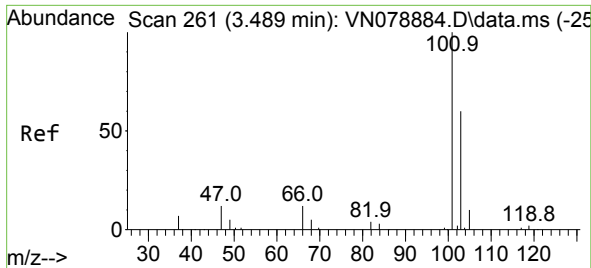
Tgt Ion: 94 Resp: 35419
Ion Ratio Lower Upper
94 100
96 89.1 73.1 109.7



#6
Chloroethane
Concen: 19.723 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 64 Resp: 38622
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2

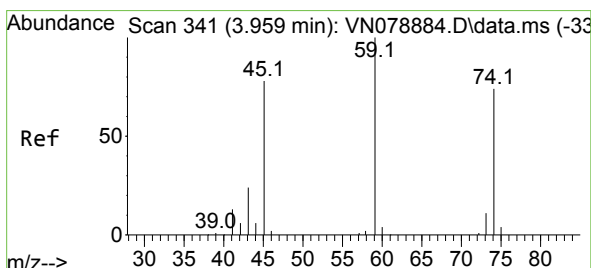
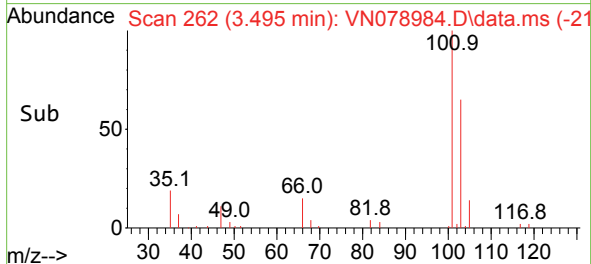
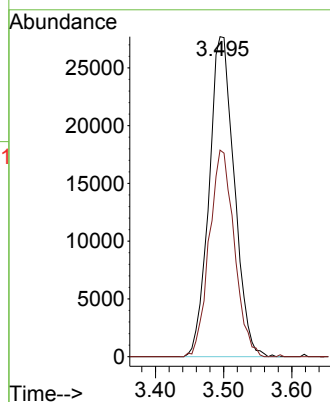
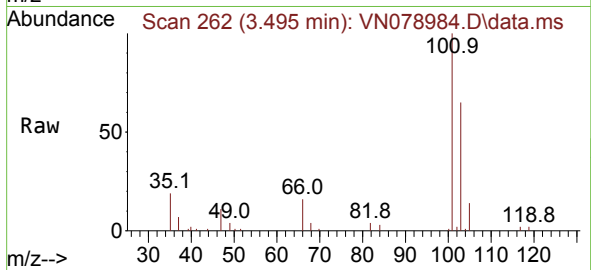




#7
Trichlorofluoromethane
Concen: 20.912 ug/l
RT: 3.495 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

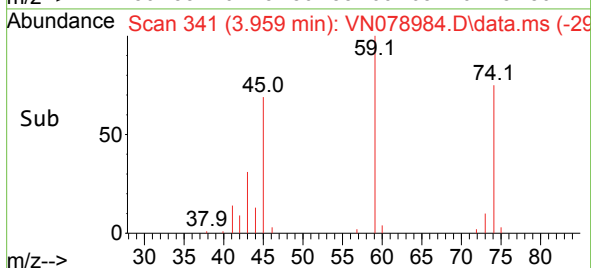
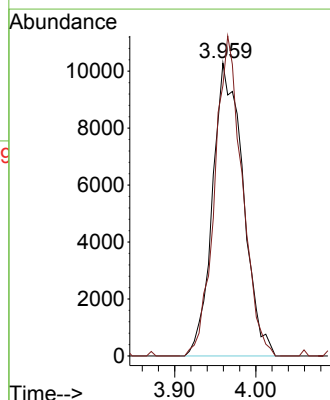
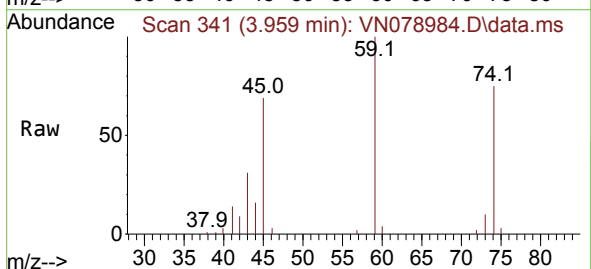
Instrument :
MSVOA_N
ClientSampleId :

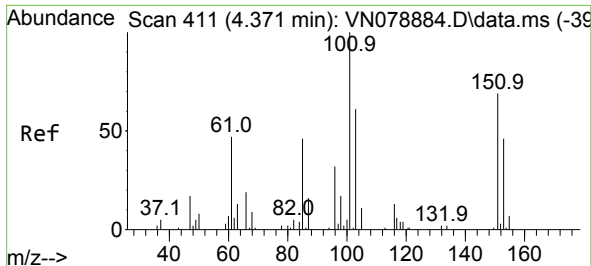
Tgt Ion:101 Resp: 71347
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1



#8
Diethyl Ether
Concen: 20.765 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 74 Resp: 26857
Ion Ratio Lower Upper
74 100
45 98.6 34.4 103.3

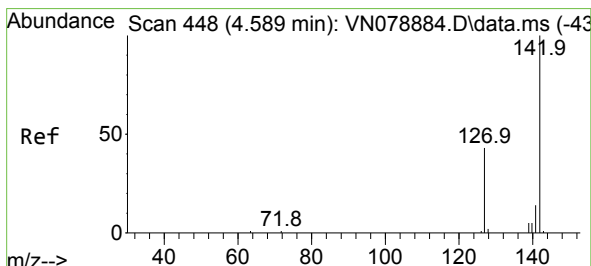
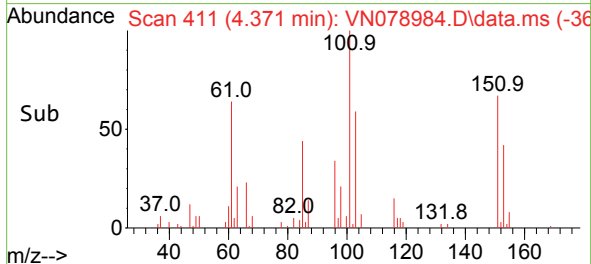
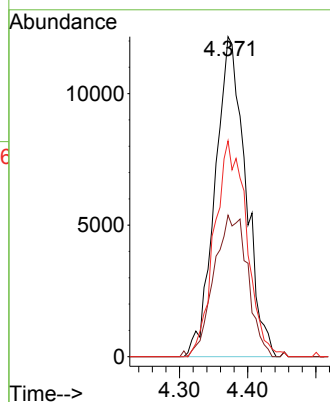
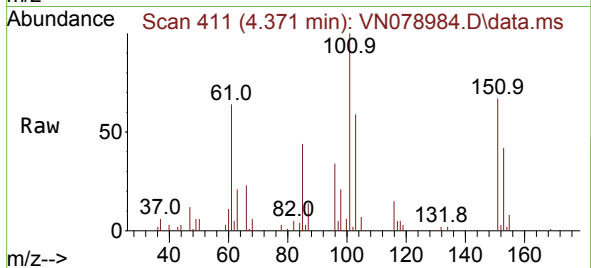




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.791 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

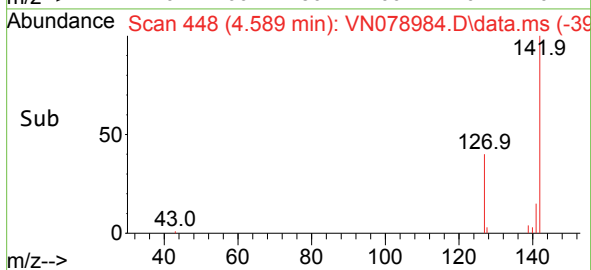
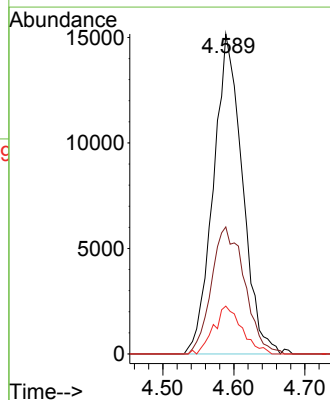
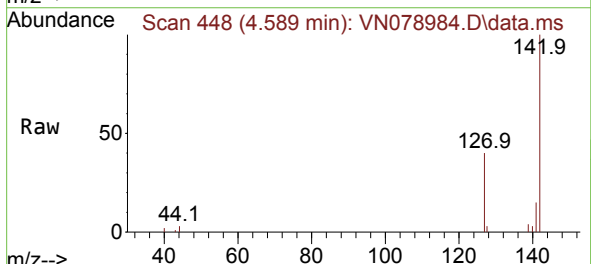
Instrument :
MSVOA_N
ClientSampleId :

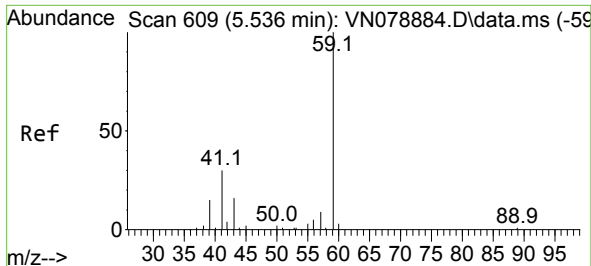
Tgt Ion:101 Resp: 37778
Ion Ratio Lower Upper
101 100
85 49.1 36.6 55.0
151 71.3 57.6 86.4



#10
Methyl Iodide
Concen: 21.095 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

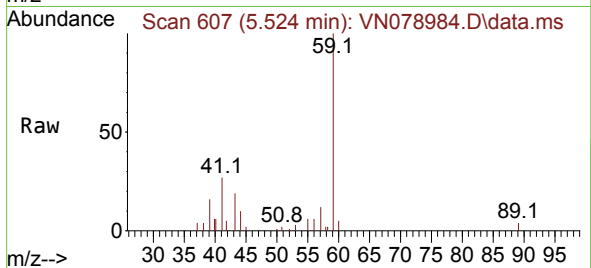
Tgt Ion:142 Resp: 42887
Ion Ratio Lower Upper
142 100
127 39.7 37.6 56.4
141 14.9 11.4 17.0



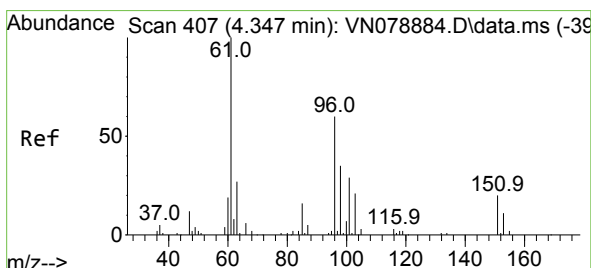
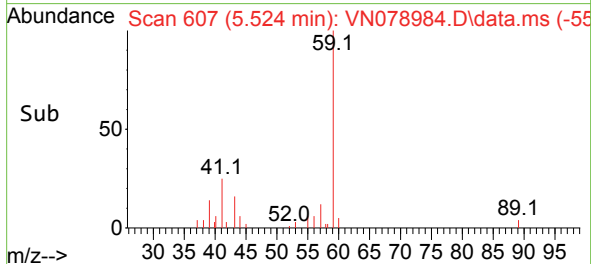
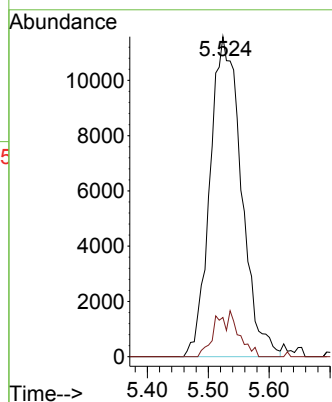


#11
Tert butyl alcohol
Concen: 96.495 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :

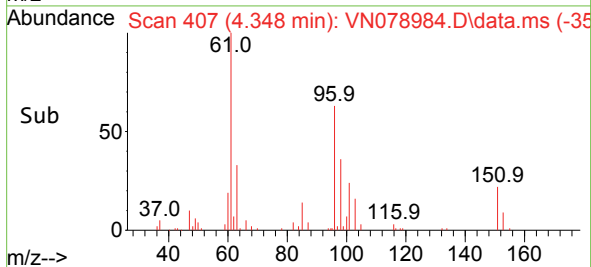
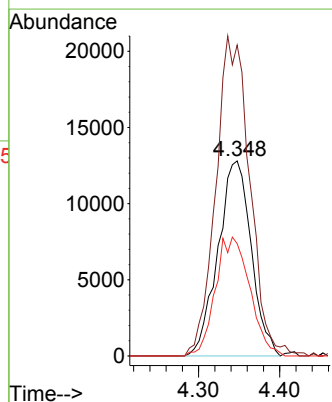
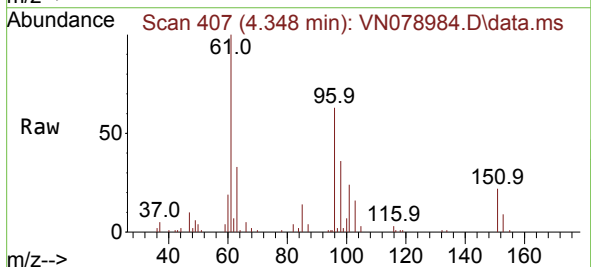


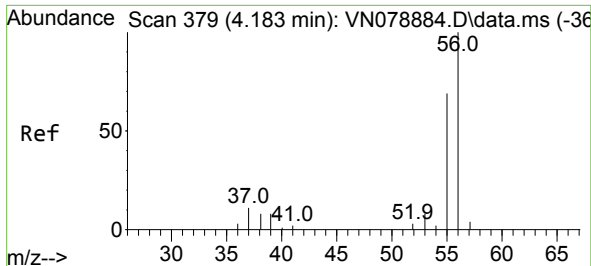
Tgt Ion: 59 Resp: 41541
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 20.582 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 96 Resp: 36430
Ion Ratio Lower Upper
96 100
61 159.4 112.7 169.1
98 57.6 51.2 76.8





#13

Acrolein

Concen: 89.691 ug/l

RT: 4.189 min Scan# 3

Delta R.T. -0.006 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

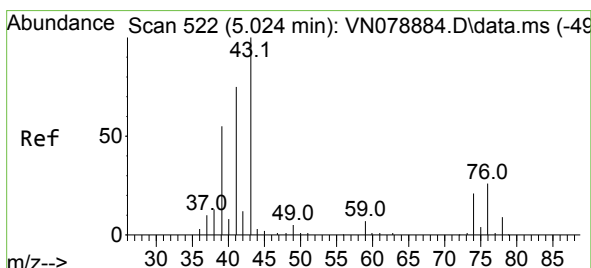
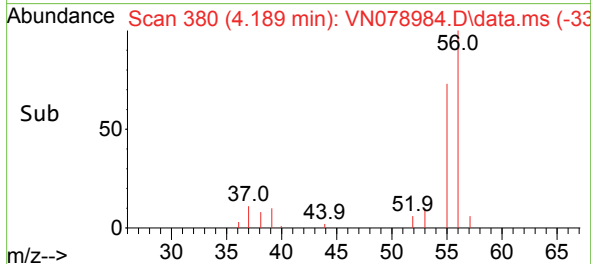
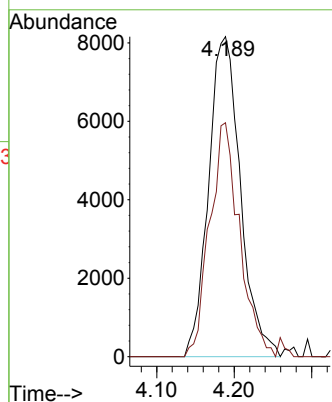
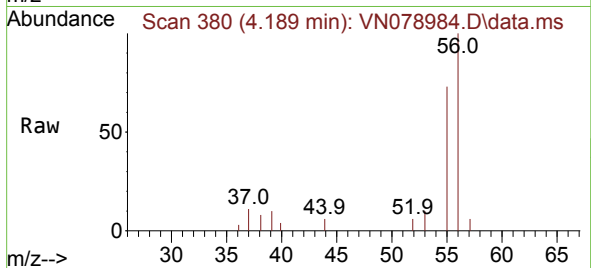
ClientSampleId :

Tgt Ion: 56 Resp: 23281

Ion Ratio Lower Upper

56 100

55 68.5 54.5 81.7



#14

Allyl chloride

Concen: 20.206 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

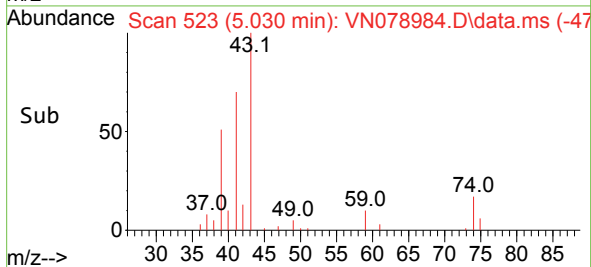
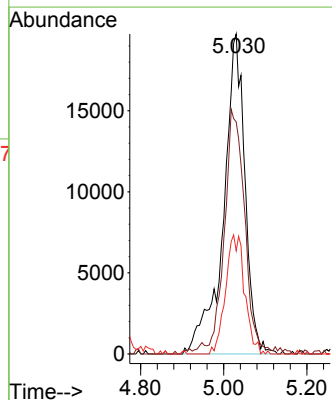
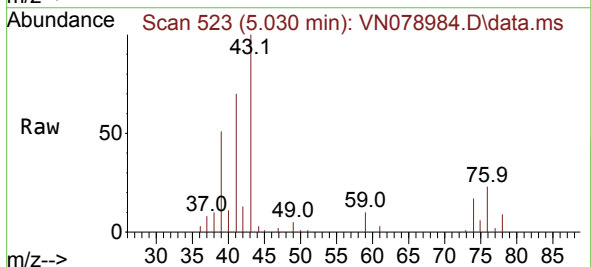
Tgt Ion: 41 Resp: 71184

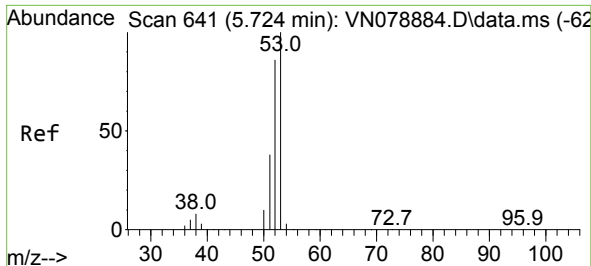
Ion Ratio Lower Upper

41 100

39 69.7 58.8 88.2

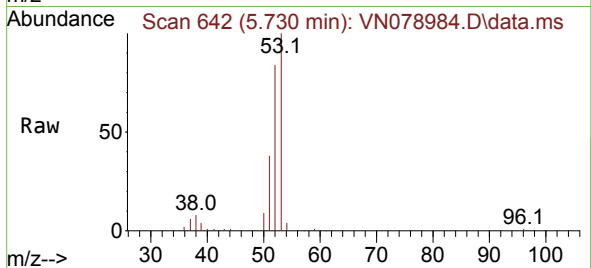
76 33.0 39.1 58.7#



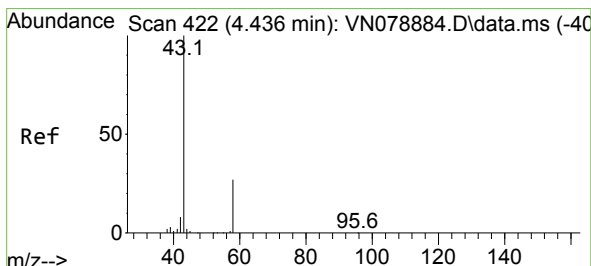
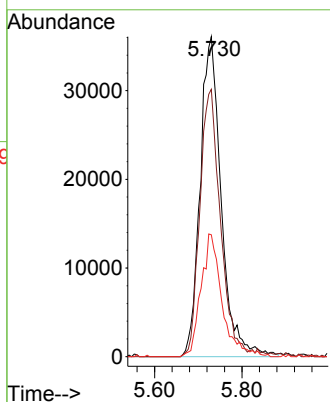
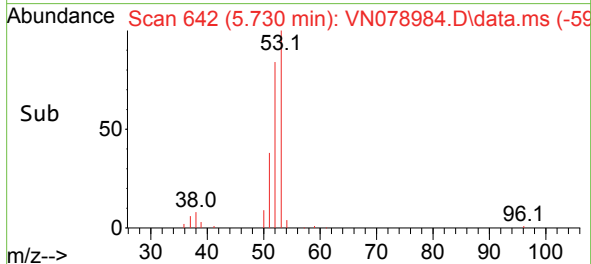


#15
Acrylonitrile
Concen: 104.031 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :

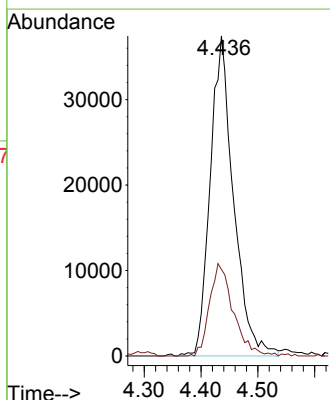
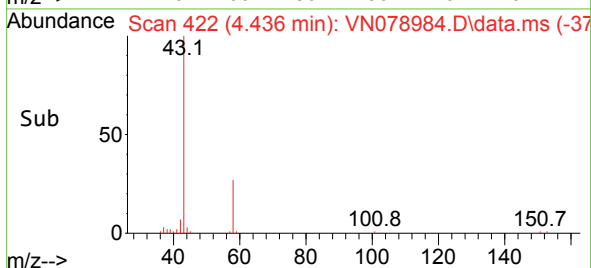
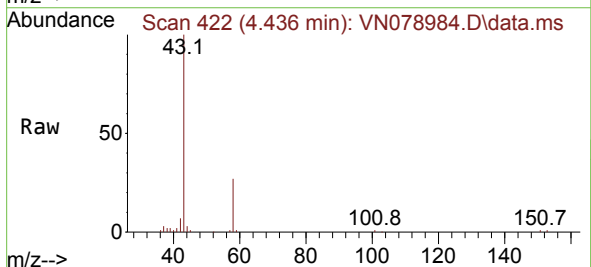


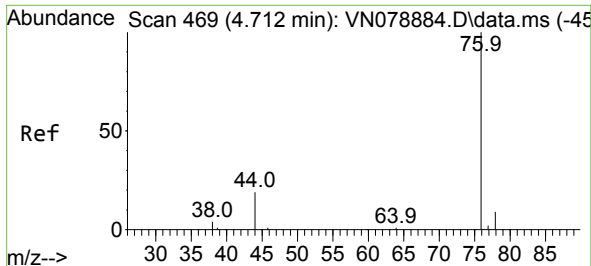
Tgt Ion: 53 Resp: 121326
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 38.2 28.9 43.3



#16
Acetone
Concen: 100.745 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

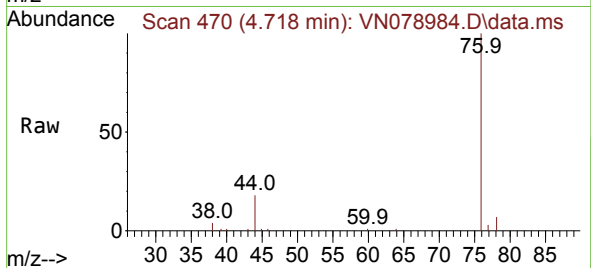
Tgt Ion: 43 Resp: 106646
Ion Ratio Lower Upper
43 100
58 27.1 28.0 42.0#



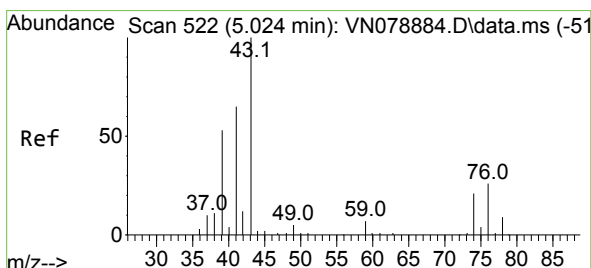
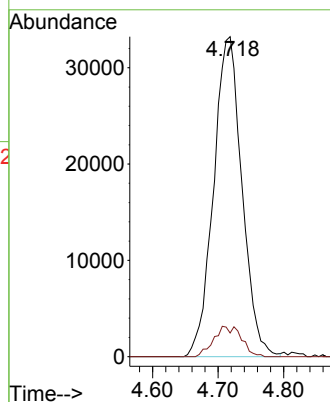
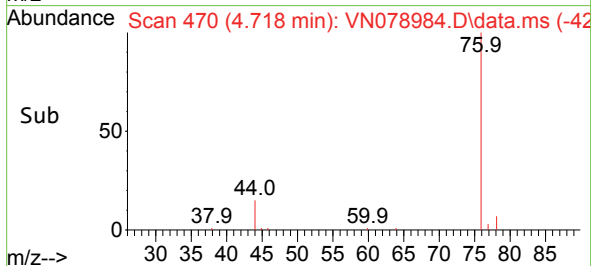


#17
Carbon Disulfide
Concen: 20.175 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :

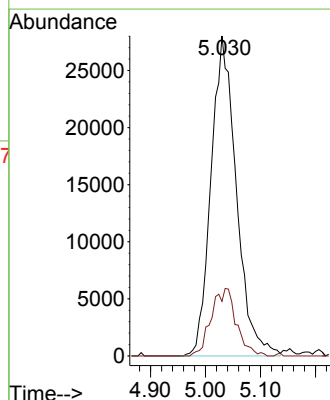
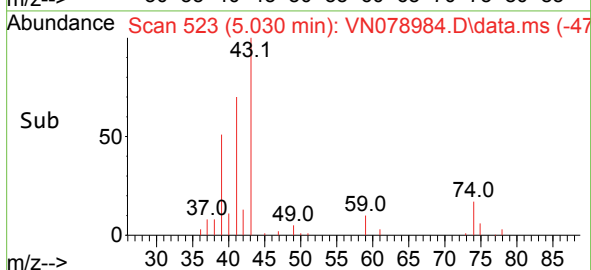
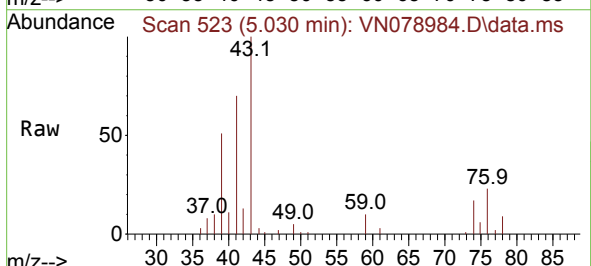


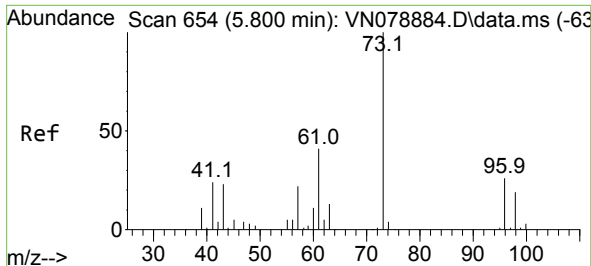
Tgt Ion: 76 Resp: 99962
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0



#18
Methyl Acetate
Concen: 20.047 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 43 Resp: 89650
Ion Ratio Lower Upper
43 100
74 21.0 26.2 39.4#

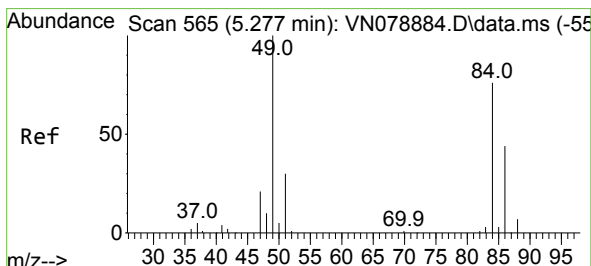
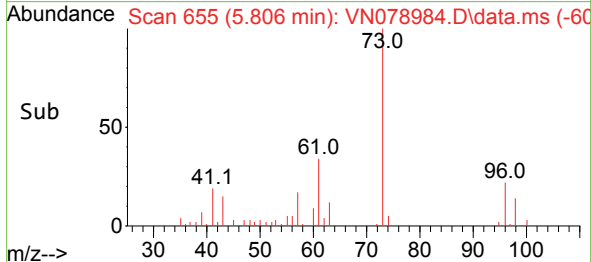
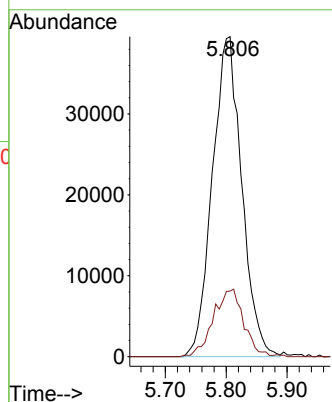
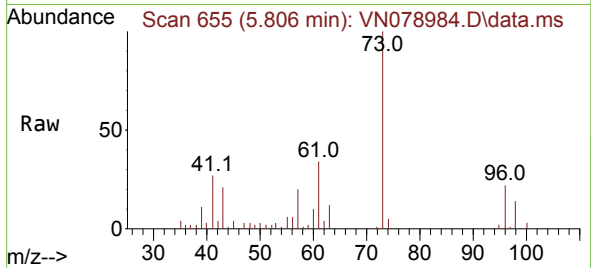




#19
Methyl tert-butyl Ether
Concen: 20.762 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

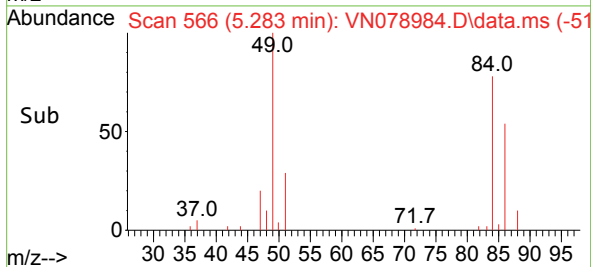
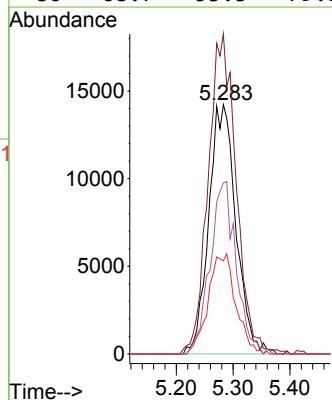
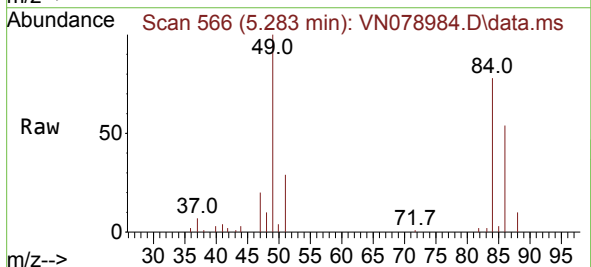
Instrument :
MSVOA_N
ClientSampleId :

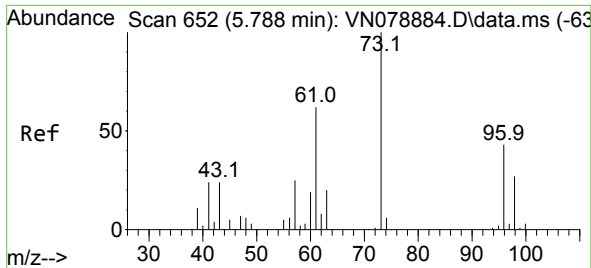
Tgt Ion: 73 Resp: 132376
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4



#20
Methylene Chloride
Concen: 20.978 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 84 Resp: 47324
Ion Ratio Lower Upper
84 100
49 128.4 79.7 119.5#
51 37.4 25.2 37.8
86 68.7 53.3 79.9

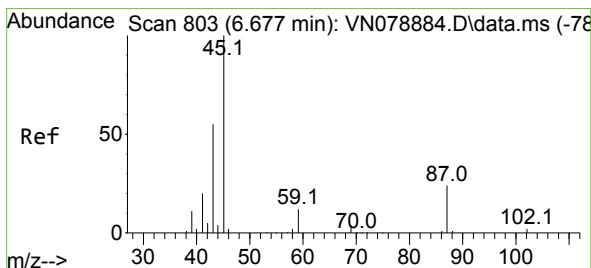
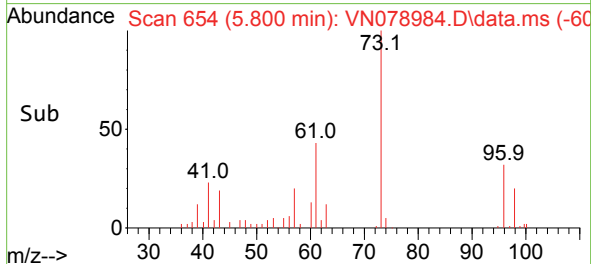
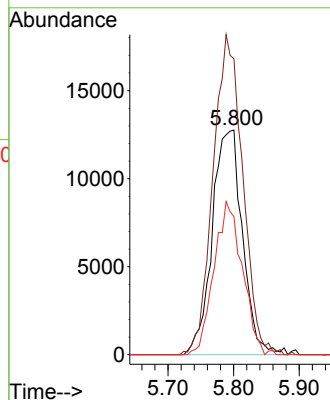
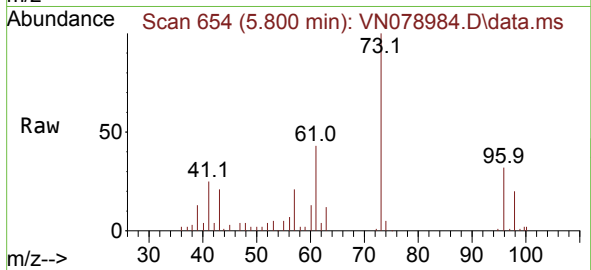




#21
trans-1,2-Dichloroethene
Concen: 20.556 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.011 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

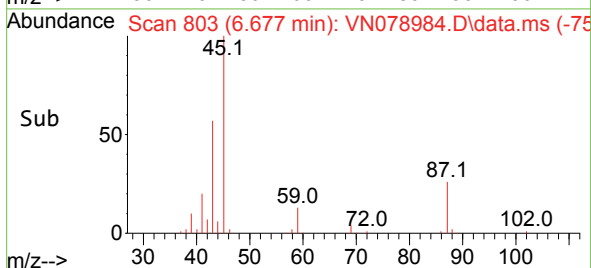
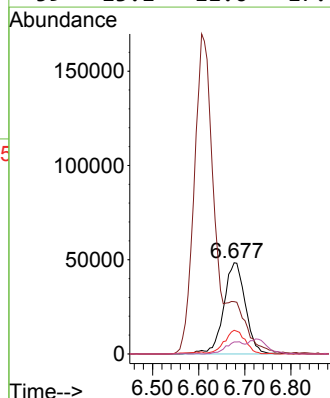
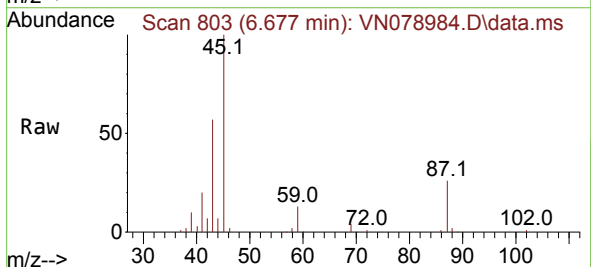
Instrument :
MSVOA_N
ClientSampleId :

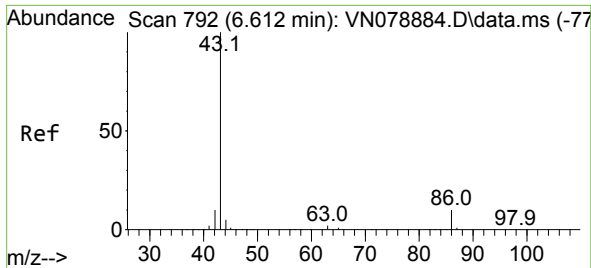
Tgt Ion: 96 Resp: 40801
Ion Ratio Lower Upper
96 100
61 131.6 90.1 135.1
98 61.4 46.4 69.6



#22
Diisopropyl ether
Concen: 21.124 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 45 Resp: 157433
Ion Ratio Lower Upper
45 100
43 55.9 45.5 68.3
87 26.0 31.8 47.8#
59 13.1 11.6 17.4

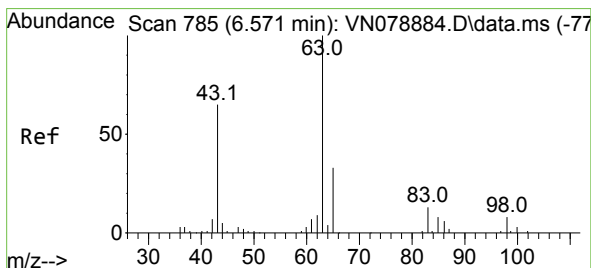
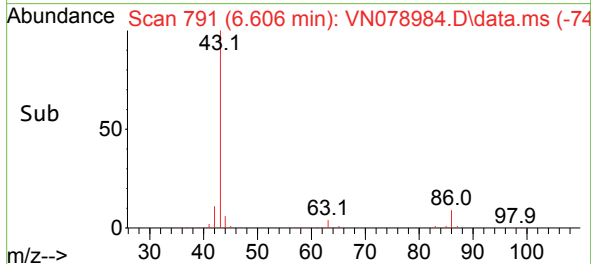
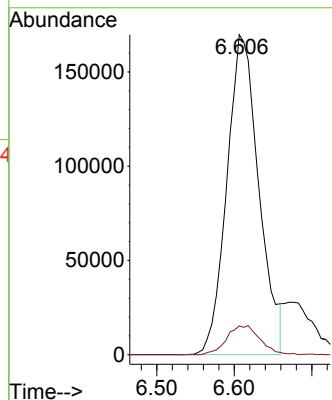
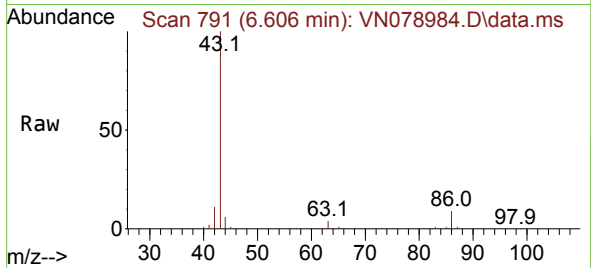




#23
 Vinyl Acetate
 Concen: 99.330 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

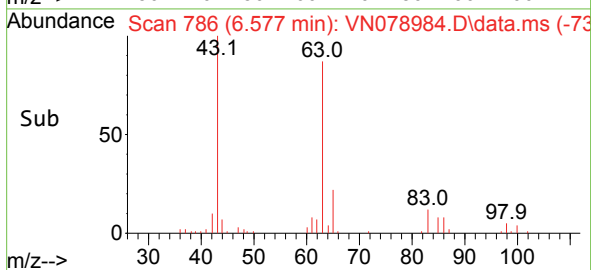
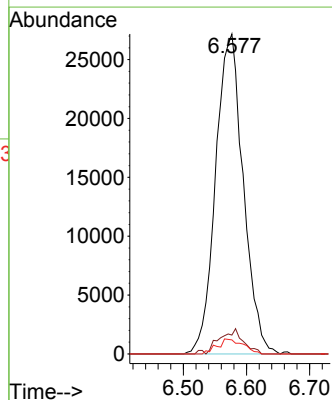
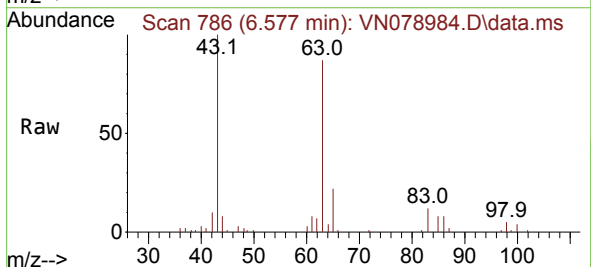
Instrument :
 MSVOA_N
 ClientSampleId :

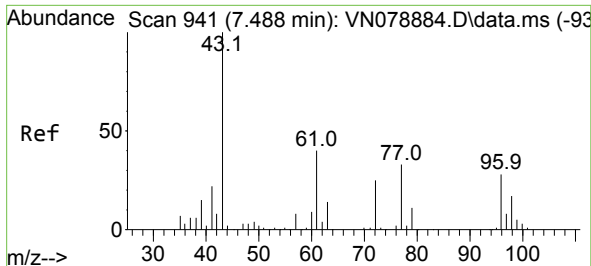
Tgt Ion: 43 Resp: 487426
 Ion Ratio Lower Upper
 43 100
 86 9.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.291 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

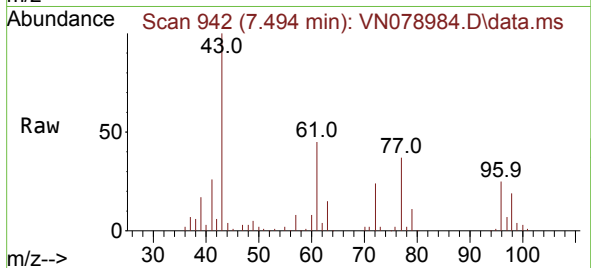
Tgt Ion: 63 Resp: 82614
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.4 2.5 7.4



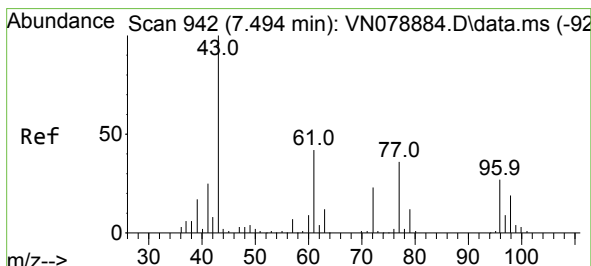
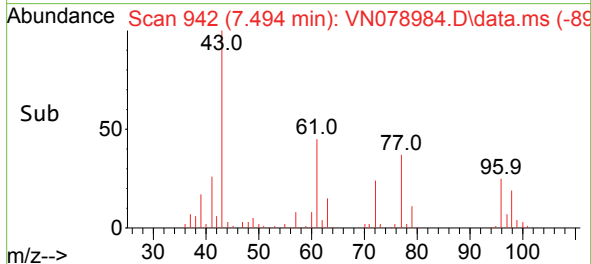
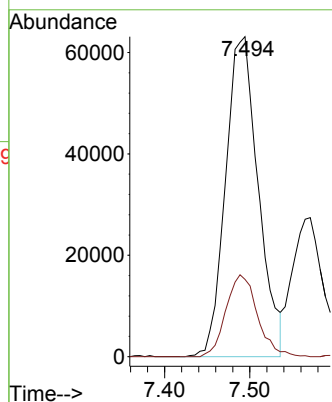


#25
2-Butanone
Concen: 99.455 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :

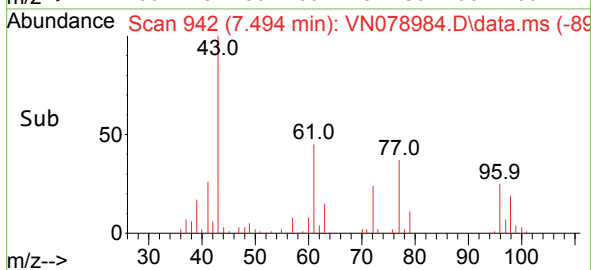
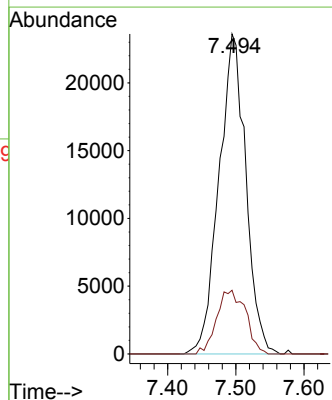
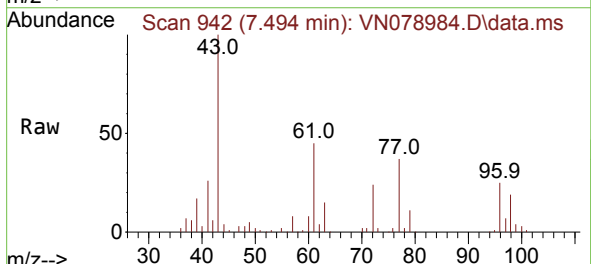


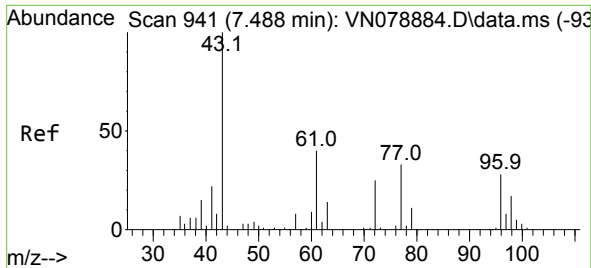
Tgt Ion: 43 Resp: 168794
Ion Ratio Lower Upper
43 100
72 24.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.633 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 77 Resp: 64610
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.6

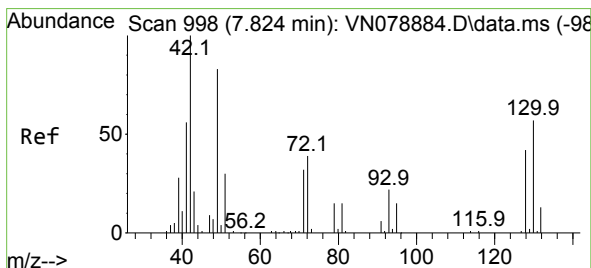
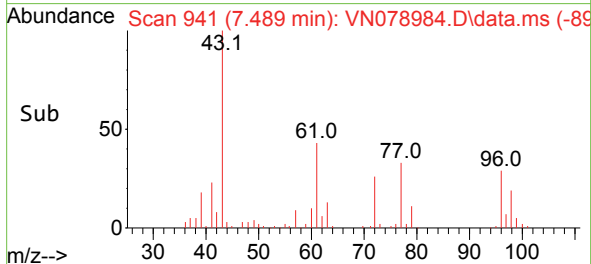
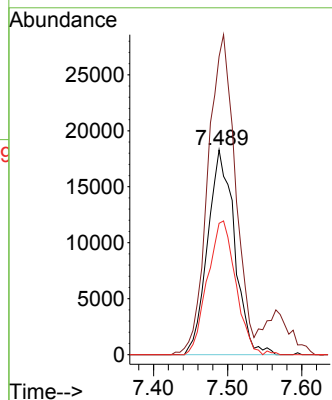
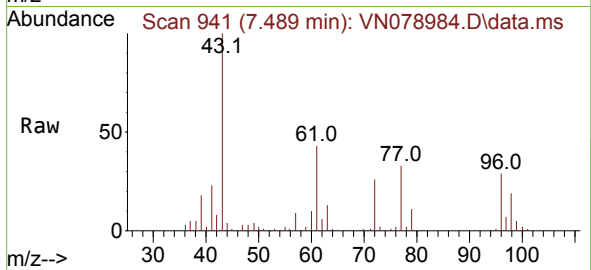




#27
 cis-1,2-Dichloroethene
 Concen: 19.170 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

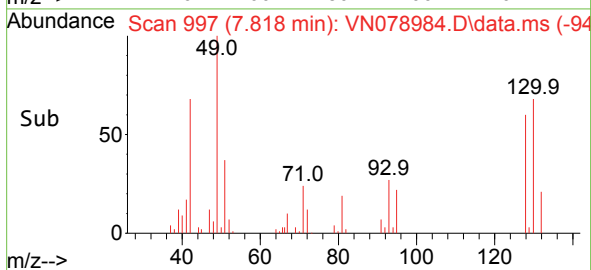
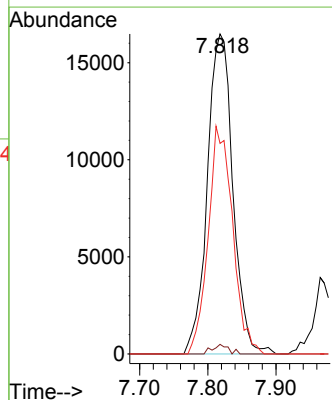
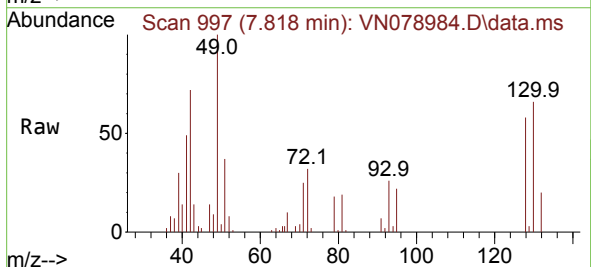
Instrument :
 MSVOA_N
 ClientSampleId :

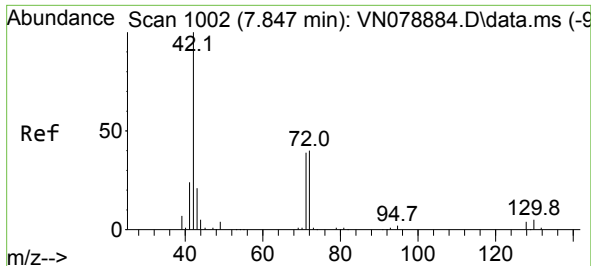
Tgt Ion: 96 Resp: 46247
 Ion Ratio Lower Upper
 96 100
 61 158.9 0.0 255.2
 98 68.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.885 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

Tgt Ion: 49 Resp: 42946
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 68.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 99.063 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

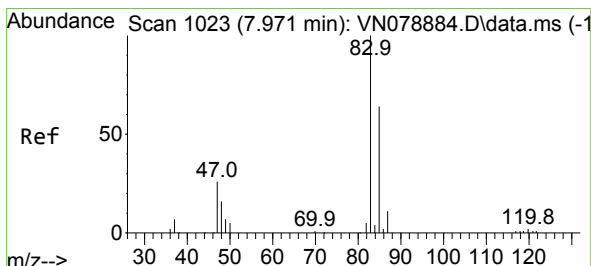
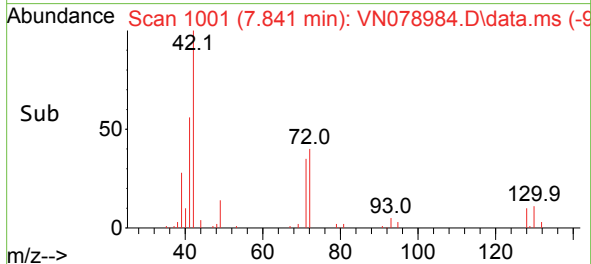
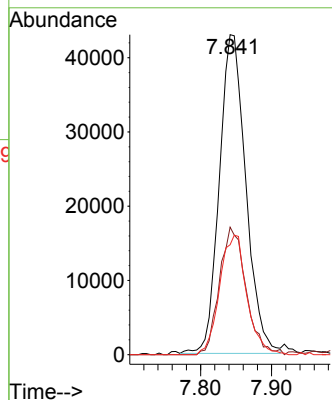
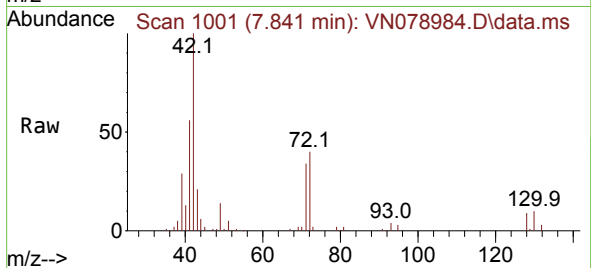
Tgt Ion: 42 Resp: 111284

Ion Ratio Lower Upper

42 100

72 40.0 49.8 74.6#

71 38.4 47.4 71.2#



#30

Chloroform

Concen: 20.755 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078984.D

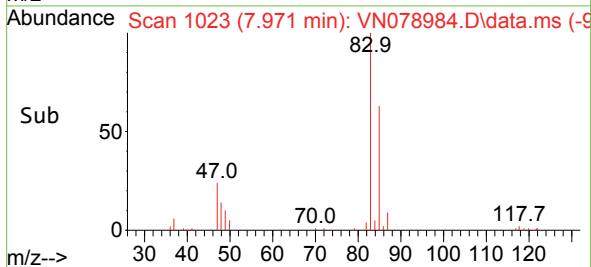
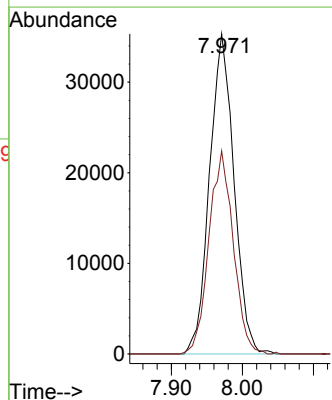
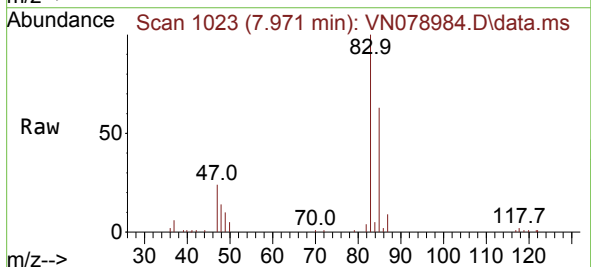
Acq: 22 Aug 2023 11:10

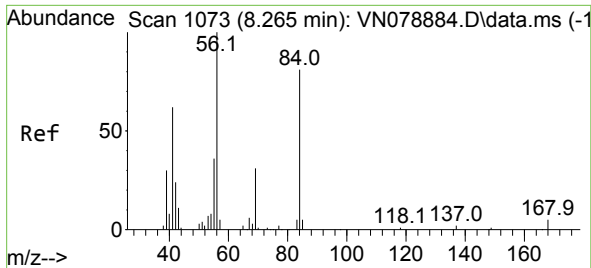
Tgt Ion: 83 Resp: 84421

Ion Ratio Lower Upper

83 100

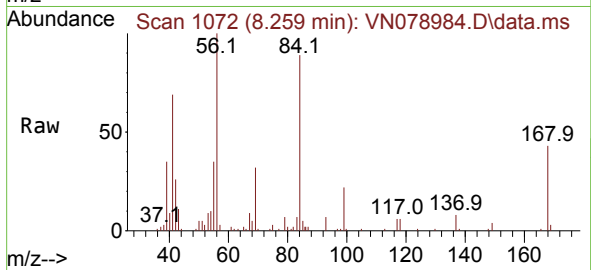
85 63.4 55.4 83.0



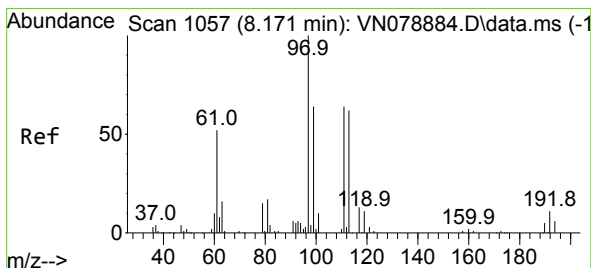
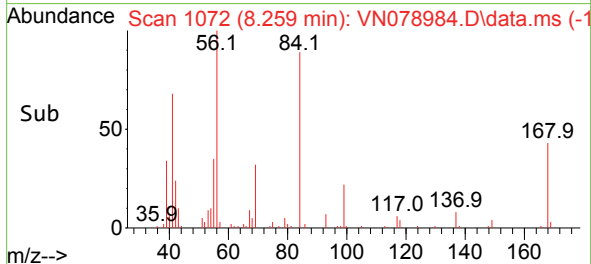
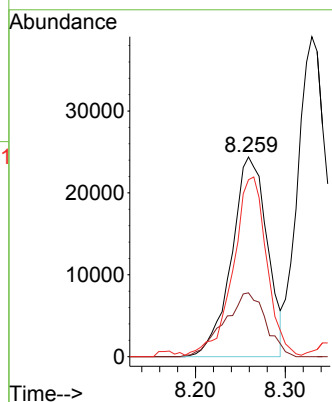


#31
Cyclohexane
Concen: 19.375 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :

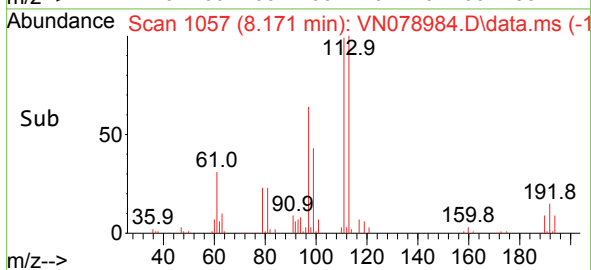
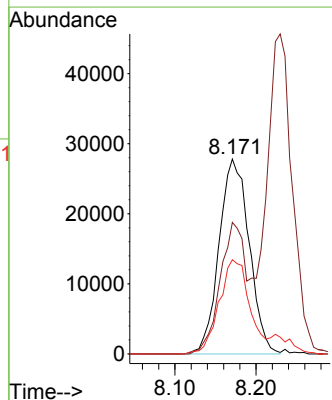
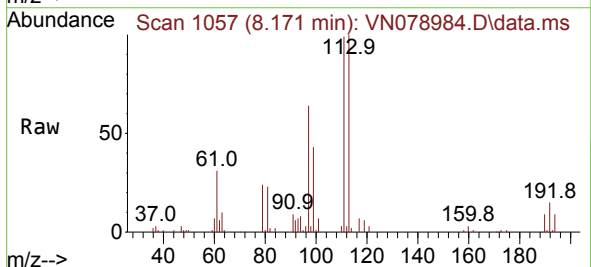


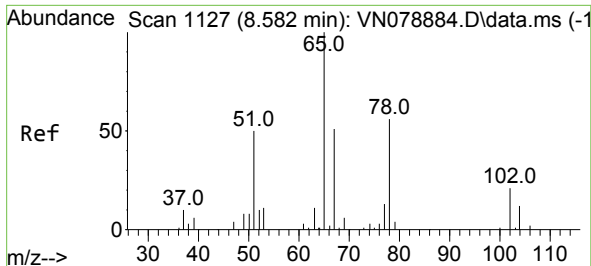
Tgt Ion: 56 Resp: 67166
Ion Ratio Lower Upper
56 100
69 32.0 26.8 40.2
84 86.5 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 20.691 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 97 Resp: 71761
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 48.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.550 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

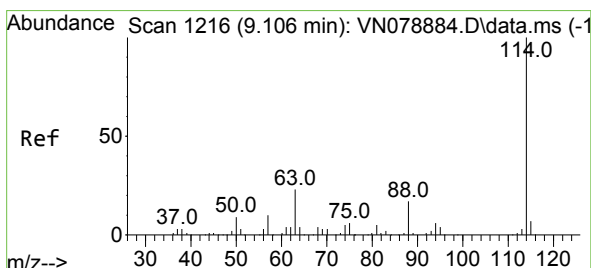
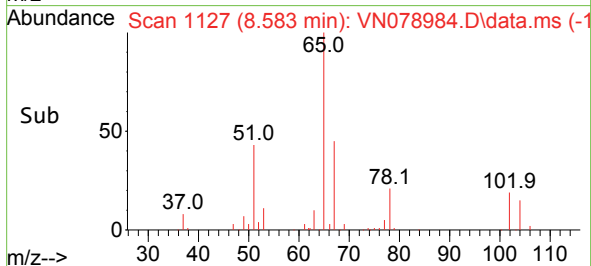
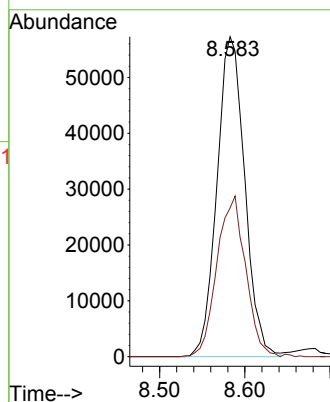
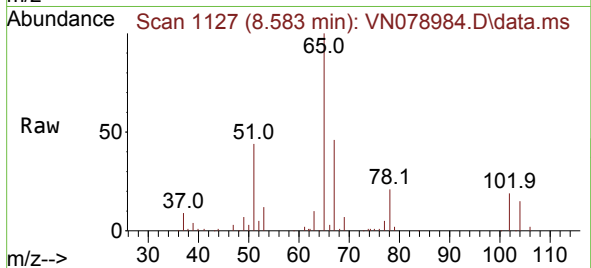
ClientSampleId :

Tgt Ion: 65 Resp: 129688

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

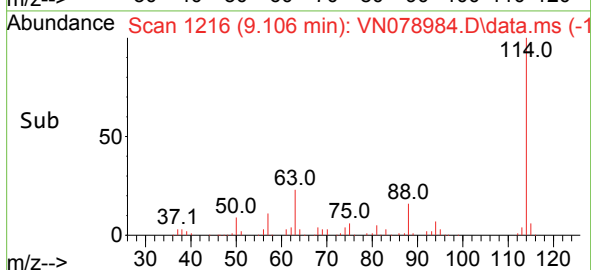
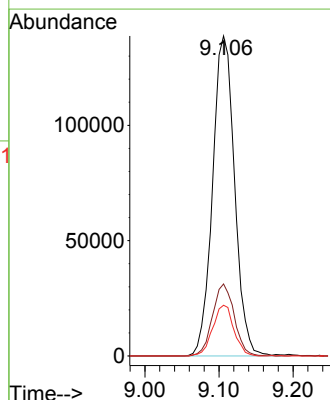
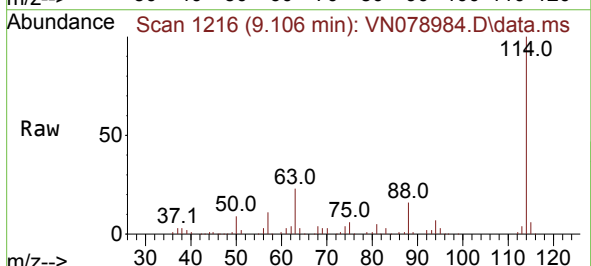
Tgt Ion:114 Resp: 286428

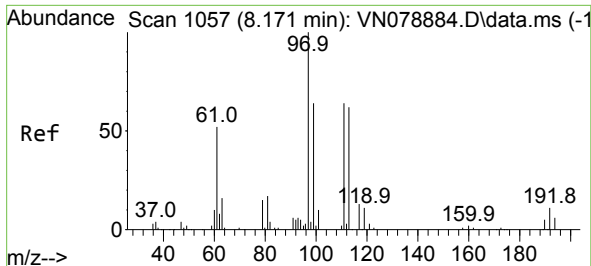
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

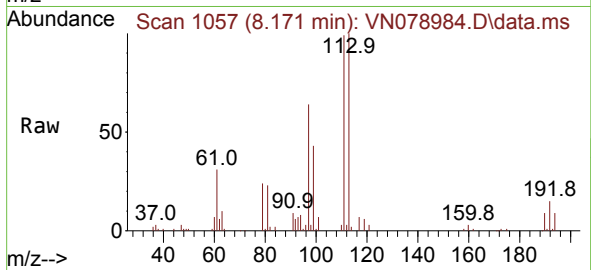
88 15.9 0.0 30.6



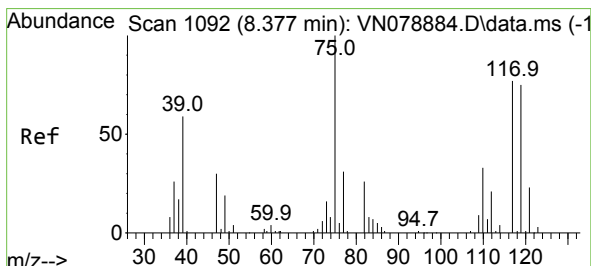
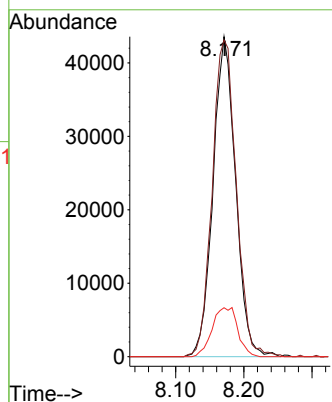
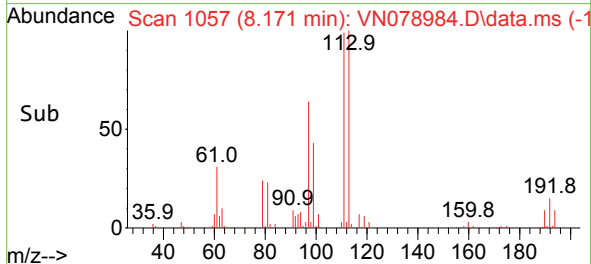


#35
Dibromofluoromethane
Concen: 52.034 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

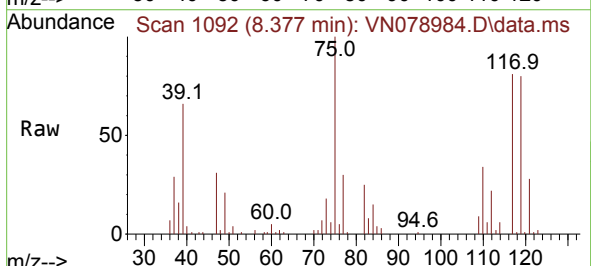
Instrument :
MSVOA_N
ClientSampleId :



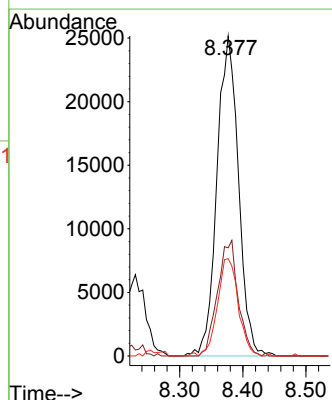
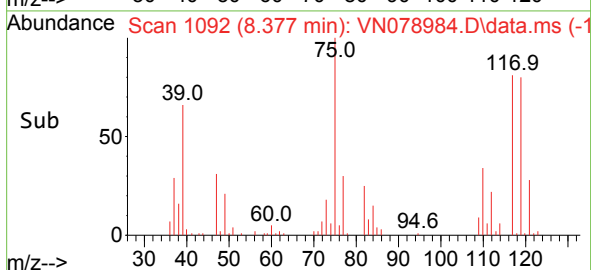
Tgt Ion:113 Resp: 100325
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 17.4 12.7 19.1

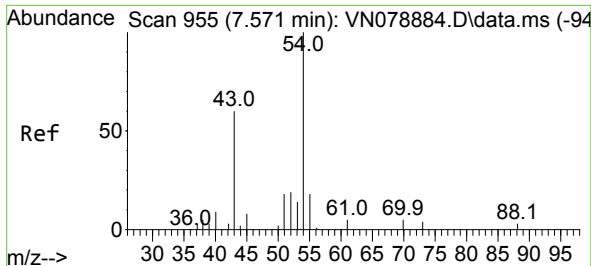


#36
1,1-Dichloropropene
Concen: 20.531 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10



Tgt Ion: 75 Resp: 59548
Ion Ratio Lower Upper
75 100
110 34.7 19.1 57.3
77 29.5 25.0 37.4

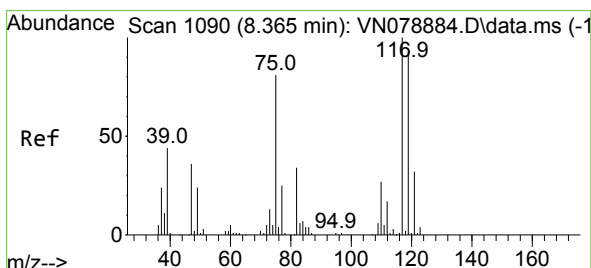
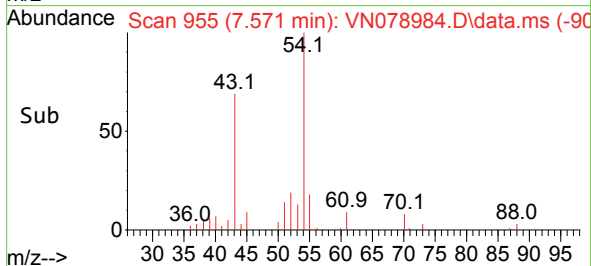
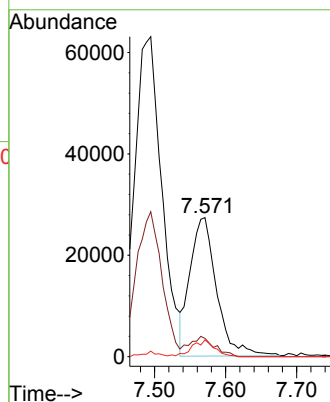
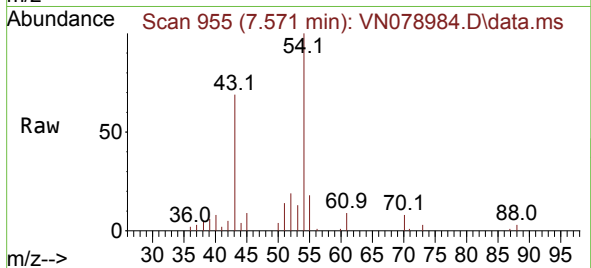




#37
Ethyl Acetate
Concen: 22.032 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

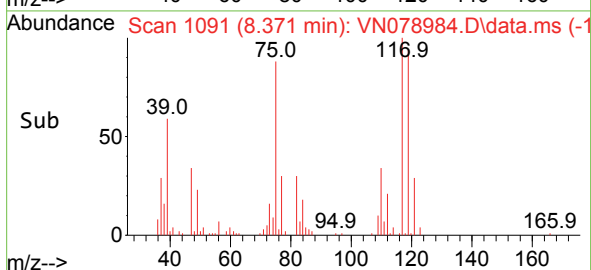
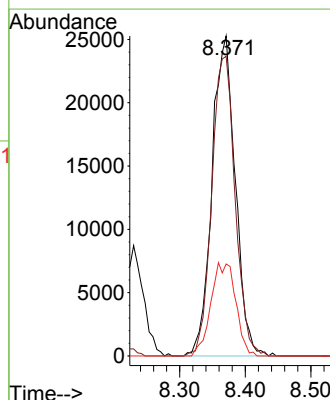
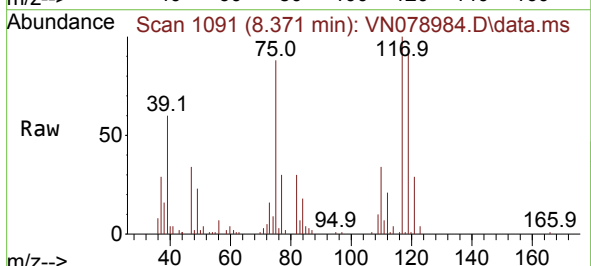
Instrument :
MSVOA_N
ClientSampleId :

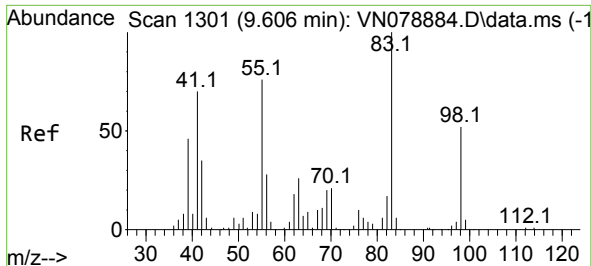
Tgt Ion: 43 Resp: 71494
Ion Ratio Lower Upper
43 100
61 11.5 13.2 19.8#
70 10.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 21.433 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 117 Resp: 62286
Ion Ratio Lower Upper
117 100
119 93.7 77.3 115.9
121 28.7 23.3 34.9

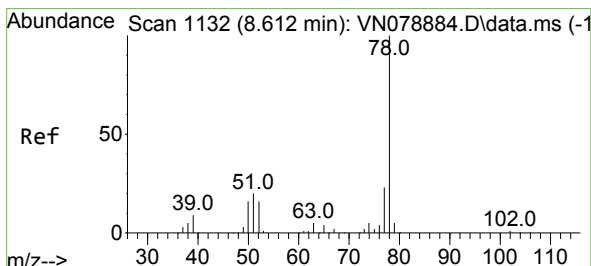
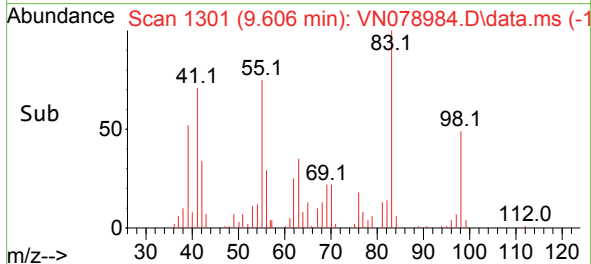
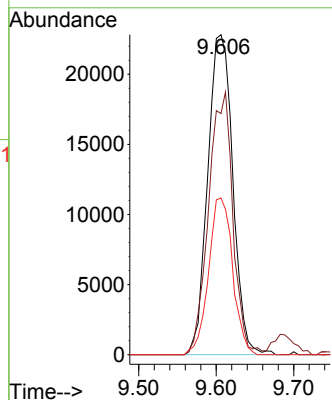
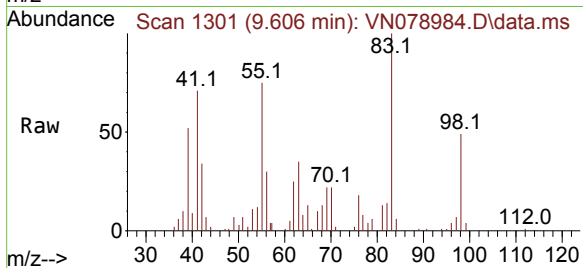




#39
Methylcyclohexane
Concen: 19.250 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

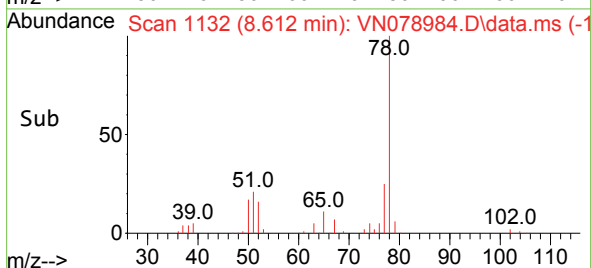
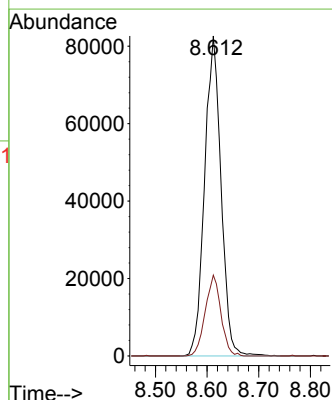
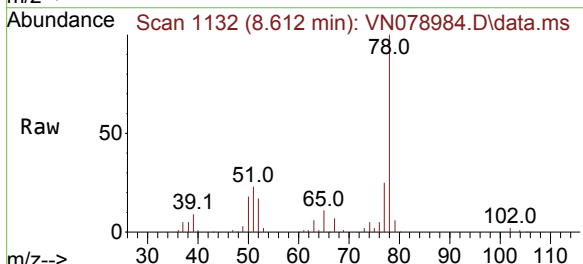
Instrument :
MSVOA_N
ClientSampleId :

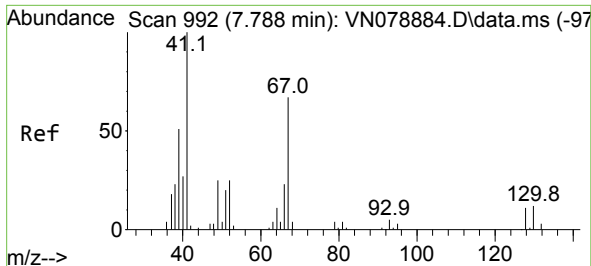
Tgt Ion: 83 Resp: 51347
Ion Ratio Lower Upper
83 100
55 75.4 49.1 73.7#
98 48.9 40.6 61.0



#40
Benzene
Concen: 21.273 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 78 Resp: 182369
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.6

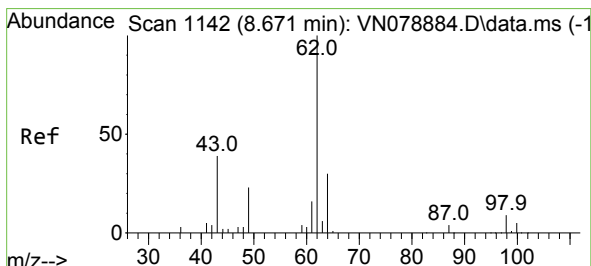
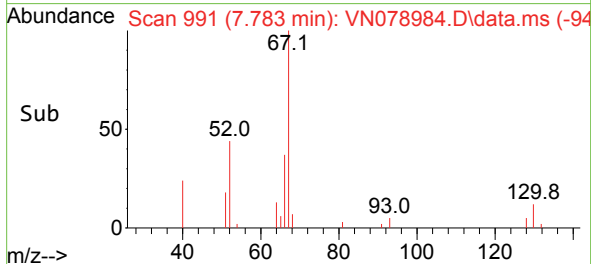
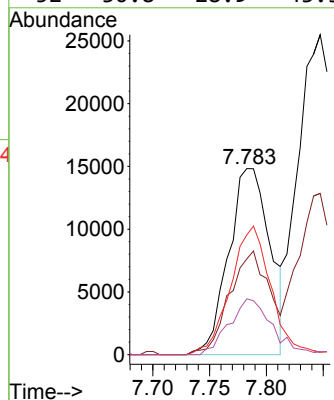
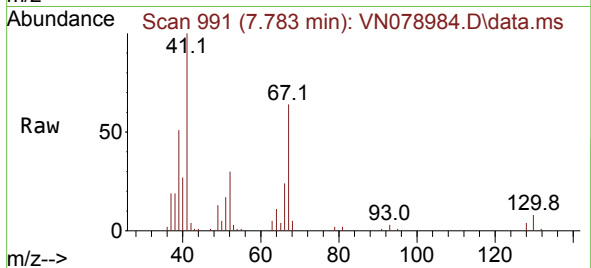




#41
Methacrylonitrile
Concen: 21.281 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

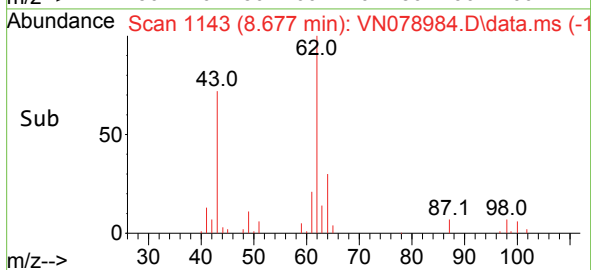
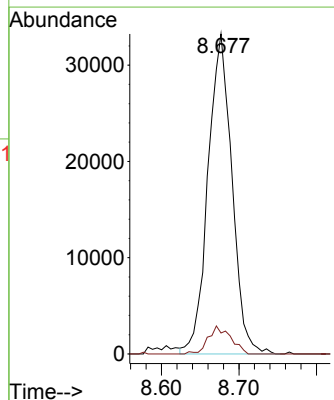
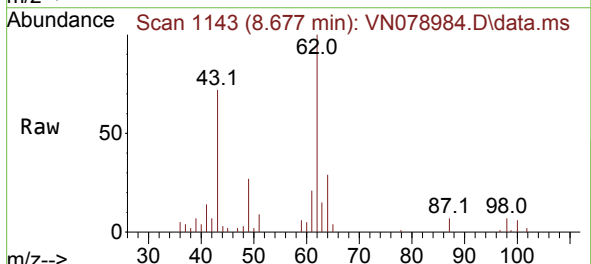
Instrument :
MSVOA_N
ClientSampleId :

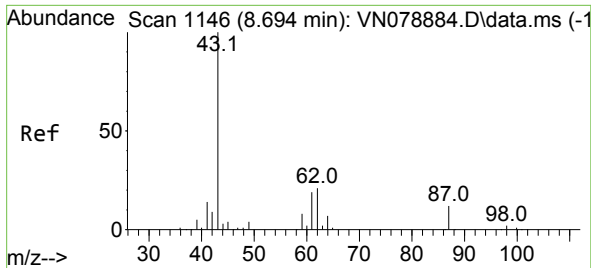
Tgt Ion:	41	Resp:	37612
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.6	64.0
67	67.3	77.5	116.3#
52	30.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 22.282 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion:	62	Resp:	71364
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	19.8

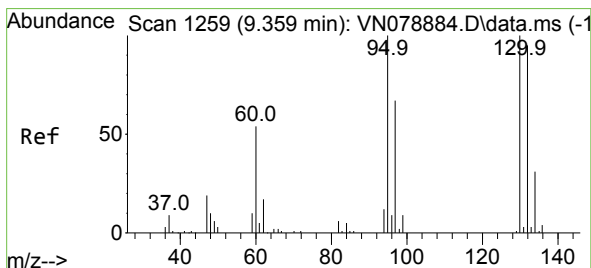
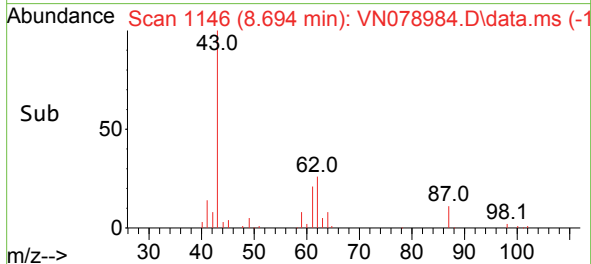
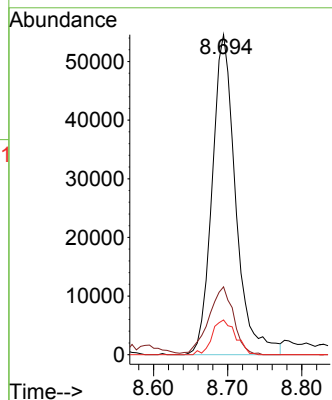
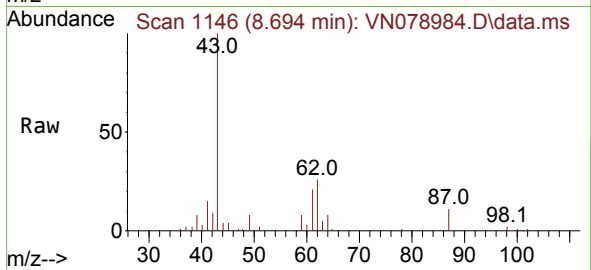




#43
Isopropyl Acetate
Concen: 20.997 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

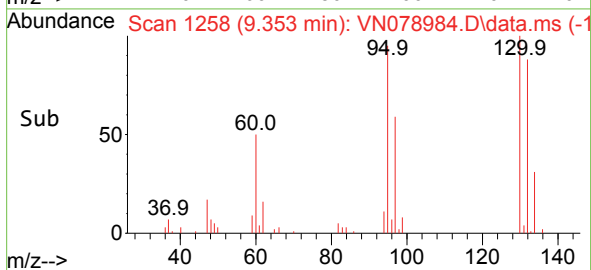
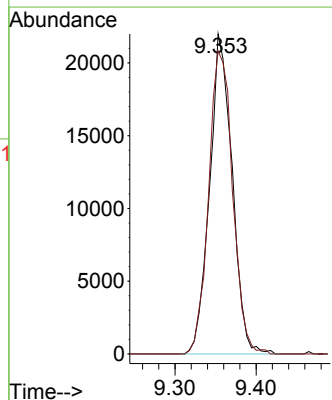
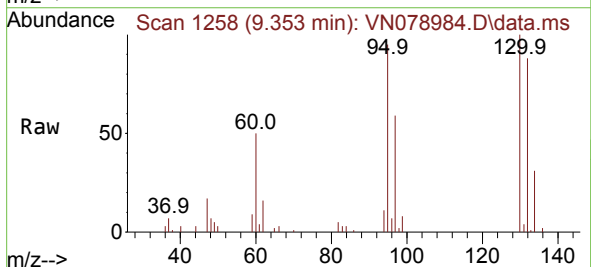
Instrument :
MSVOA_N
ClientSampleId :

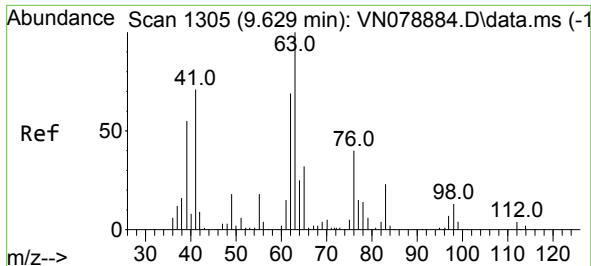
Tgt Ion: 43 Resp: 120429
Ion Ratio Lower Upper
43 100
61 22.5 24.7 37.1#
87 10.8 14.6 21.8#



#44
Trichloroethene
Concen: 20.828 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion:130 Resp: 42425
Ion Ratio Lower Upper
130 100
95 94.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.927 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

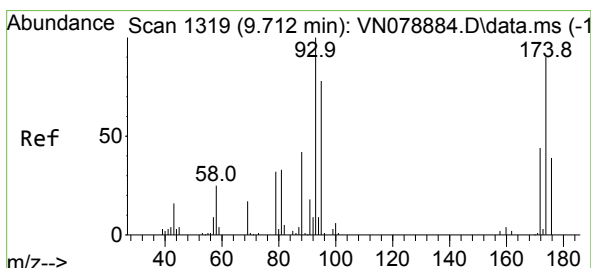
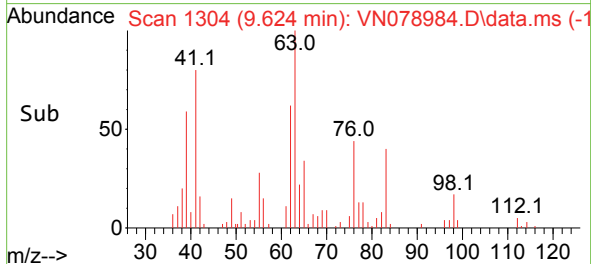
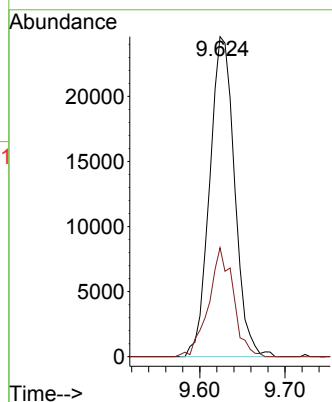
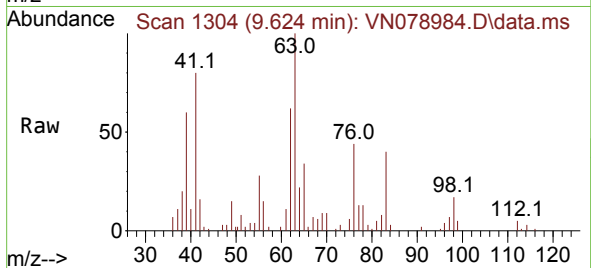
ClientSampleId :

Tgt Ion: 63 Resp: 50046

Ion Ratio Lower Upper

63 100

65 34.0 23.9 35.9



#46

Dibromomethane

Concen: 21.394 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

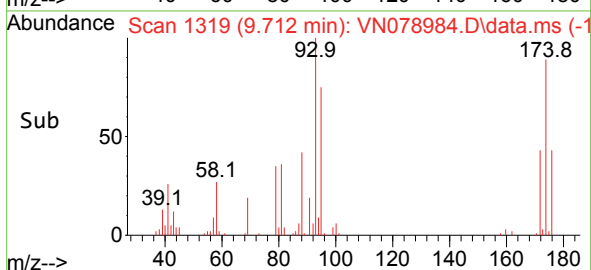
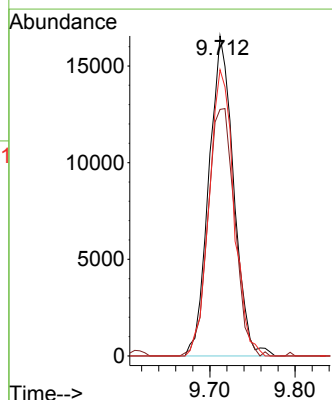
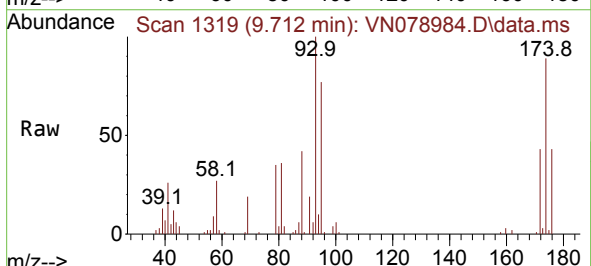
Tgt Ion: 93 Resp: 33492

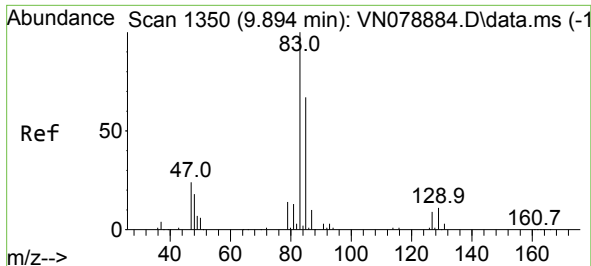
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 89.2 65.6 98.4

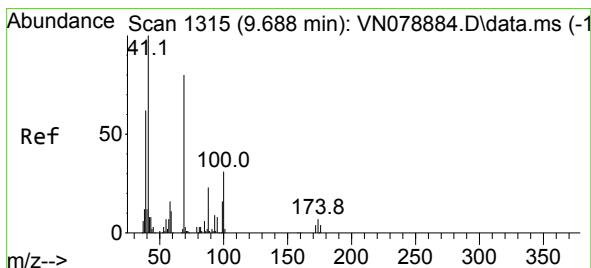
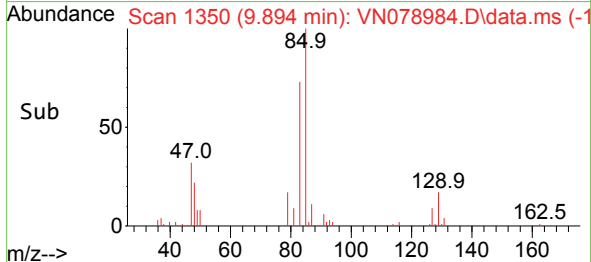
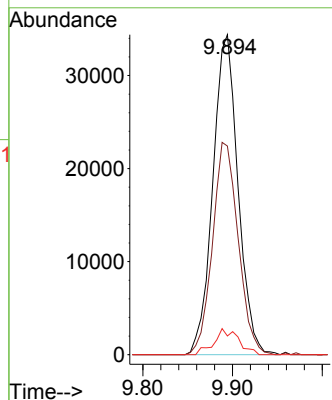
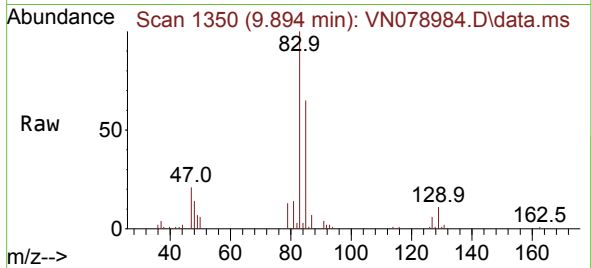




#47
Bromodichloromethane
Concen: 21.672 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

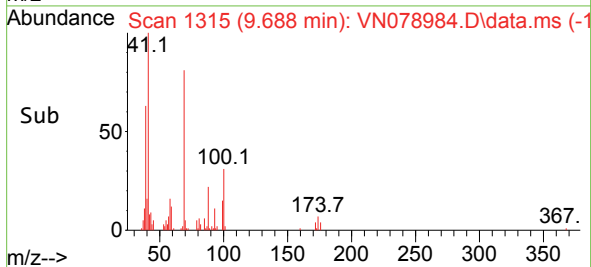
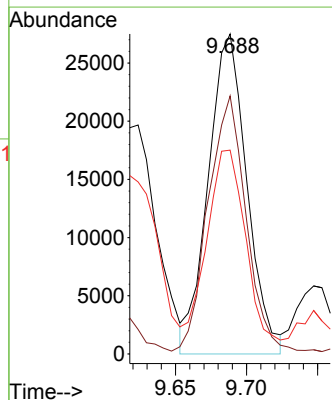
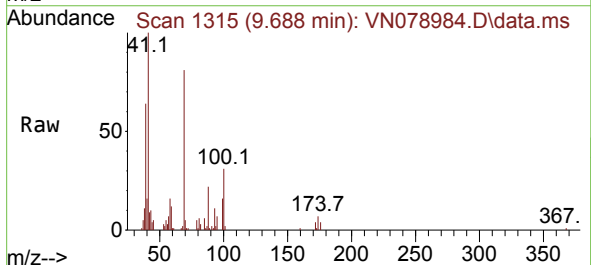
Instrument :
MSVOA_N
ClientSampleId :

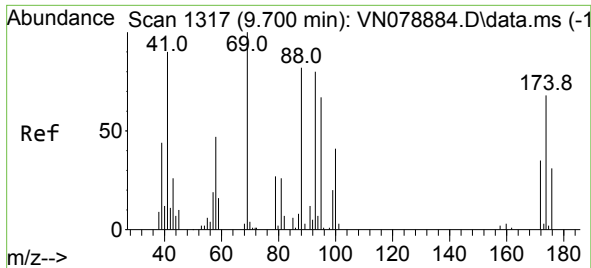
Tgt Ion: 83 Resp: 66996
Ion Ratio Lower Upper
83 100
85 65.2 49.6 74.4
127 5.9 7.0 10.6#



#48
Methyl methacrylate
Concen: 20.044 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 41 Resp: 52096
Ion Ratio Lower Upper
41 100
69 78.0 90.4 135.6#
39 65.3 54.6 81.8





#49

1,4-Dioxane

Concen: 419.718 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

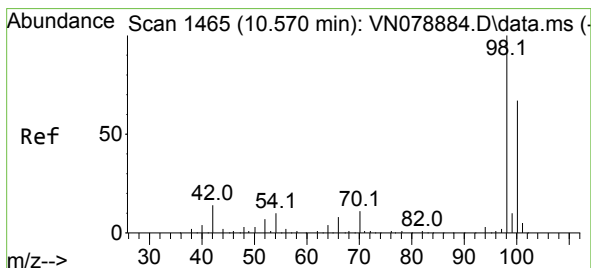
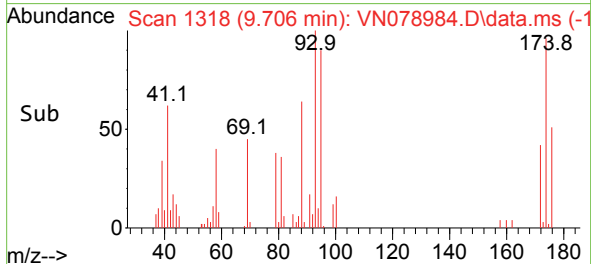
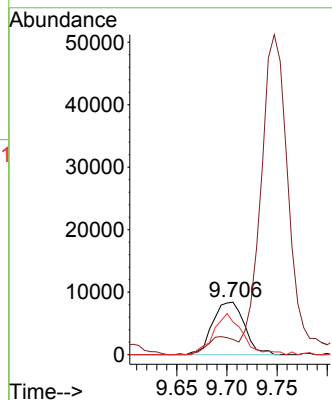
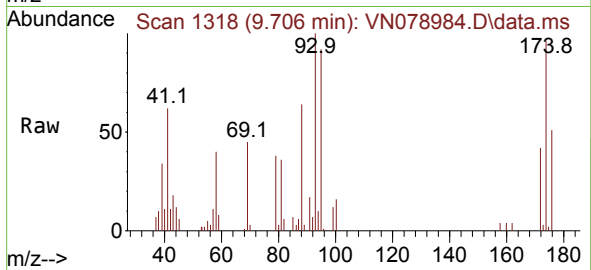
Tgt Ion: 88 Resp: 18581

Ion Ratio Lower Upper

88 100

43 31.4 17.0 25.6#

58 70.7 47.0 70.4#



#50

Toluene-d8

Concen: 51.203 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078984.D

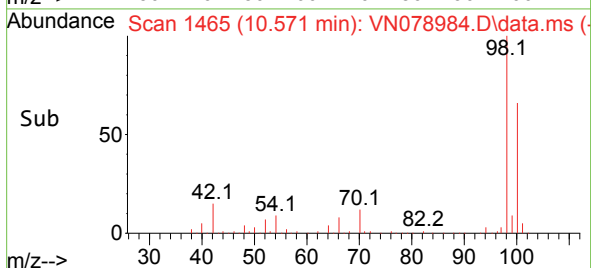
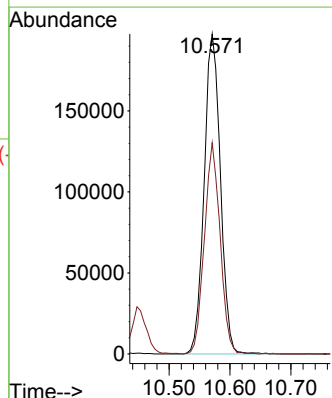
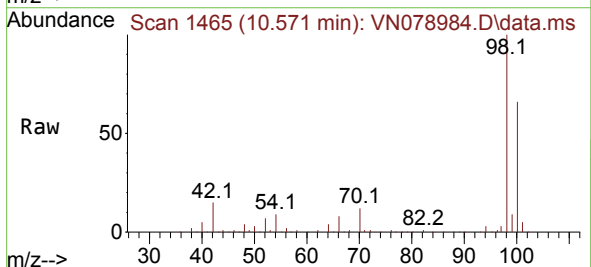
Acq: 22 Aug 2023 11:10

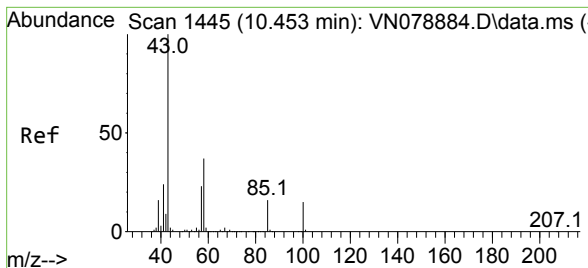
Tgt Ion: 98 Resp: 366571

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

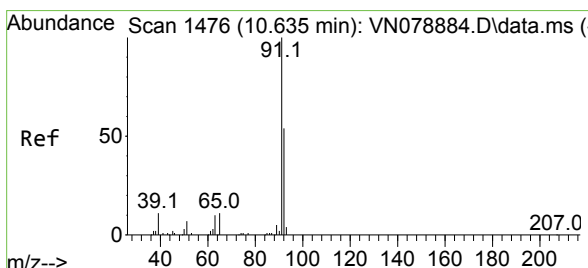
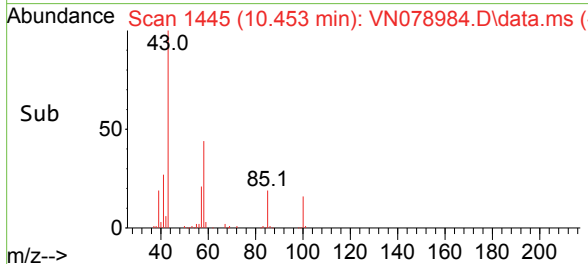
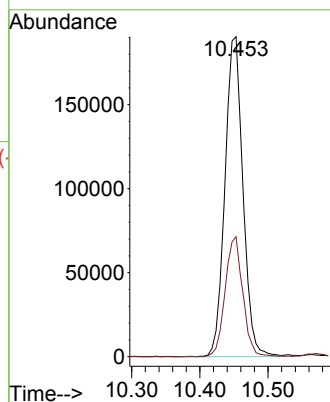
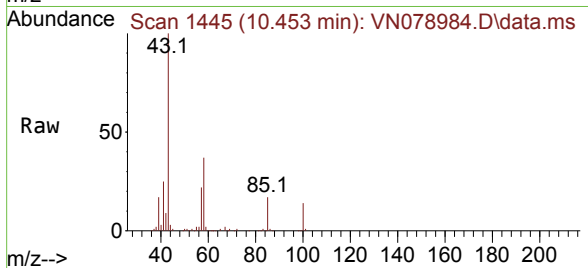




#51
4-Methyl-2-Pentanone
Concen: 102.988 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

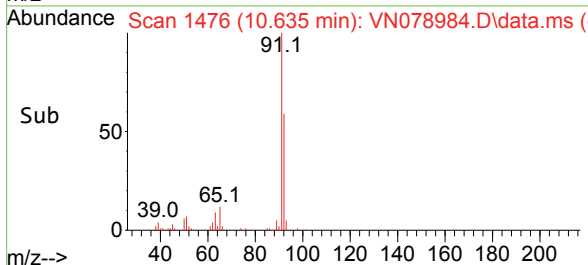
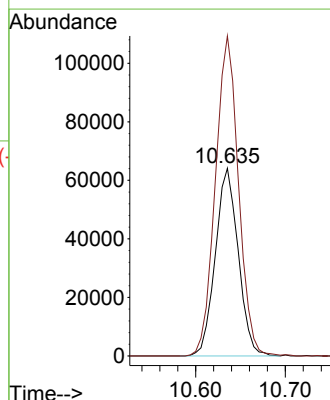
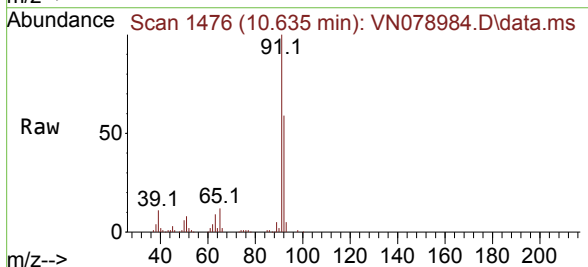
Instrument :
MSVOA_N
ClientSampleId :

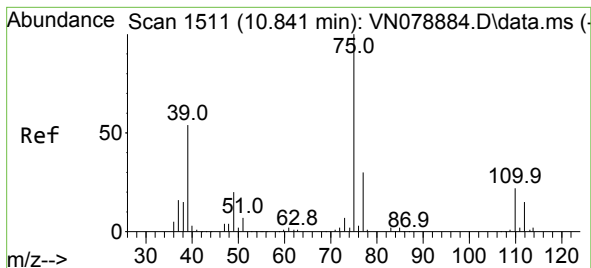
Tgt Ion: 43 Resp: 350347
Ion Ratio Lower Upper
43 100
58 36.7 36.6 54.8



#52
Toluene
Concen: 21.565 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 92 Resp: 113506
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0

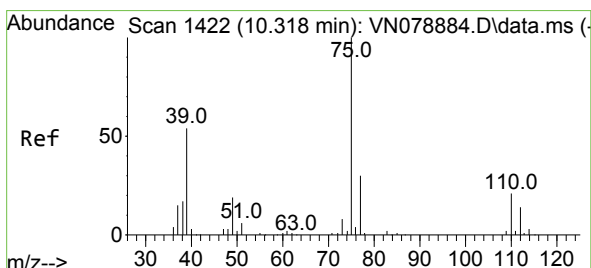
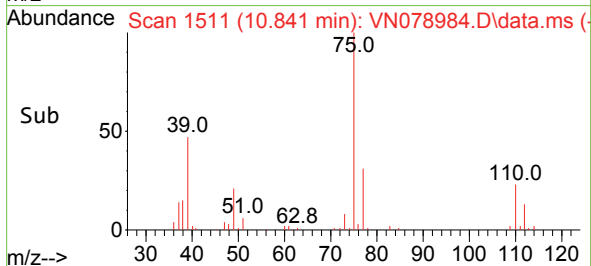
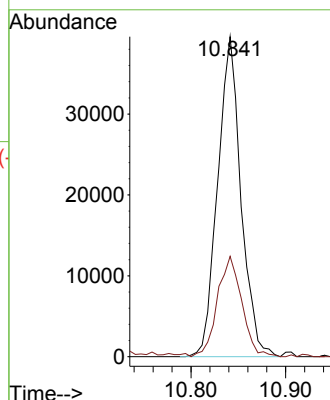
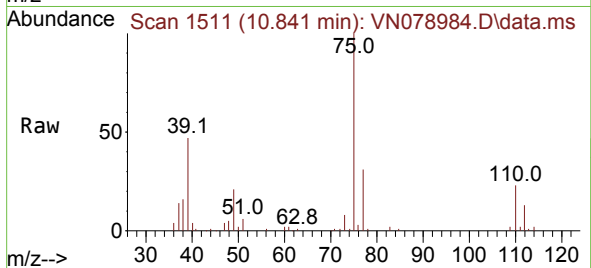




#53
 t-1,3-Dichloropropene
 Concen: 20.416 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

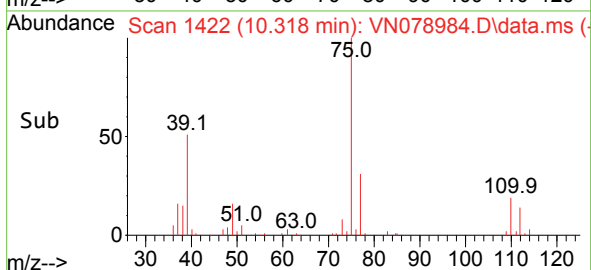
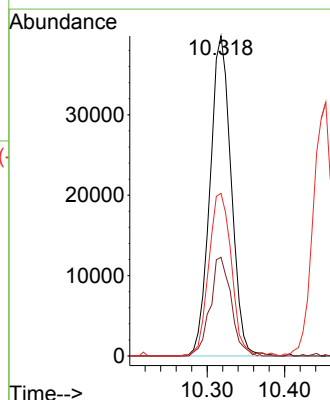
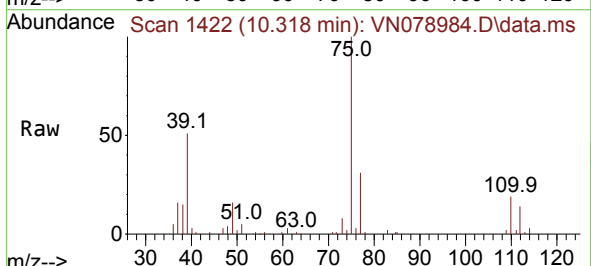
Instrument :
 MSVOA_N
 ClientSampleId :

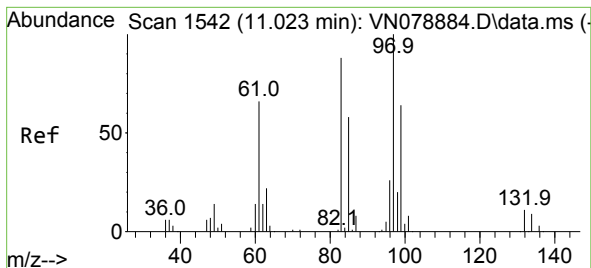
Tgt Ion: 75 Resp: 67683
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.953 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

Tgt Ion: 75 Resp: 75653
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.1 39.1
 39 50.8 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 22.255 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

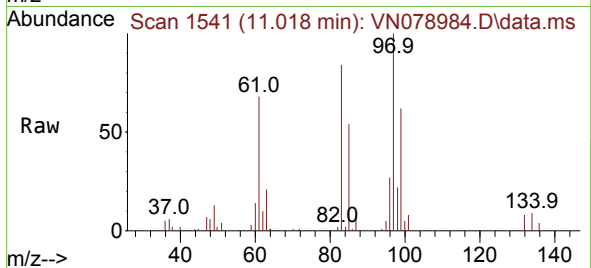
Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 46966

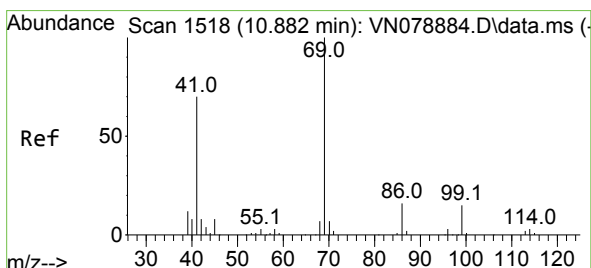
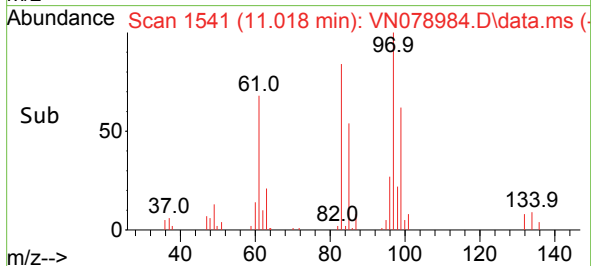
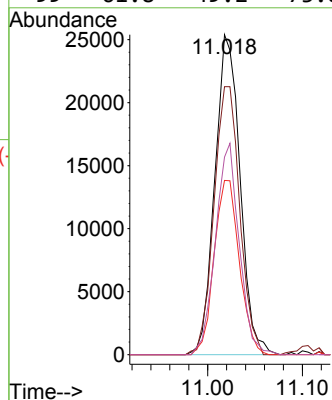
Ion Ratio Lower Upper

97 100

83 83.7 65.1 97.7

85 54.5 43.4 65.2

99 61.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 21.274 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

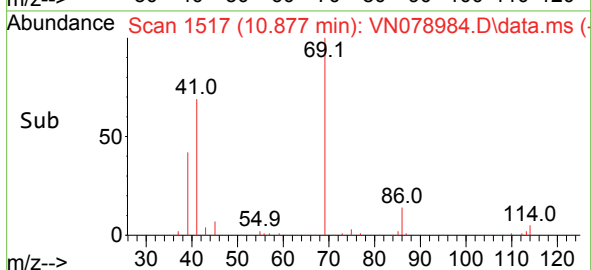
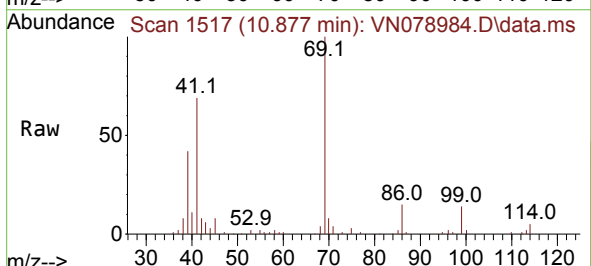
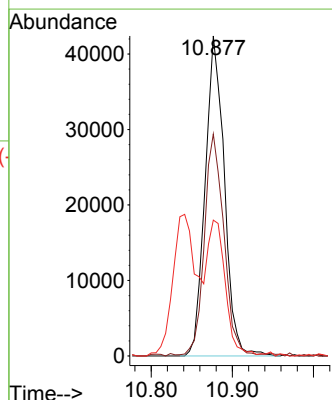
Tgt Ion: 69 Resp: 69595

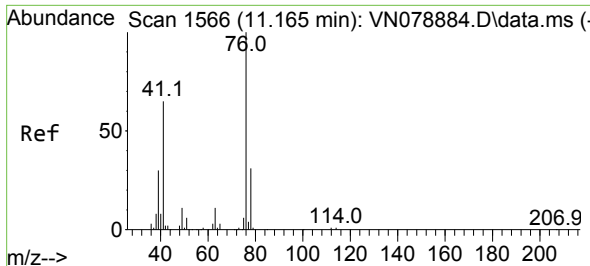
Ion Ratio Lower Upper

69 100

41 71.0 39.6 59.4#

39 37.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 21.268 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

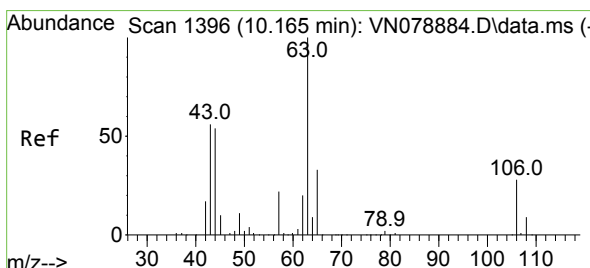
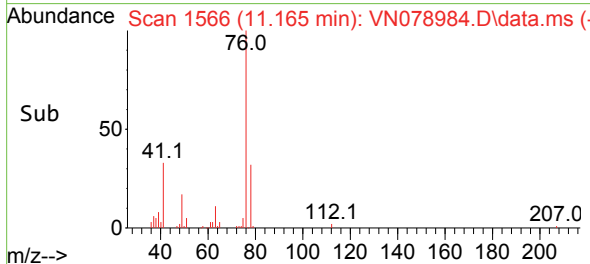
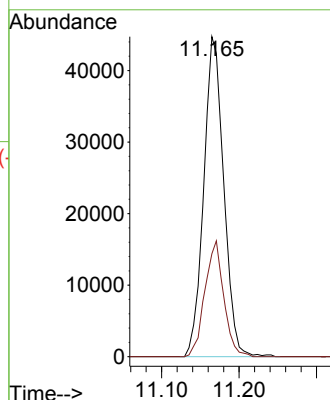
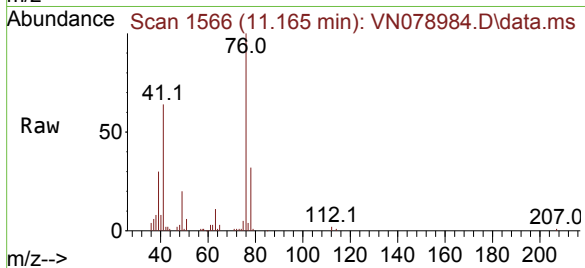
ClientSampleId :

Tgt Ion: 76 Resp: 80280

Ion Ratio Lower Upper

76 100

78 34.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 87.809 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078984.D

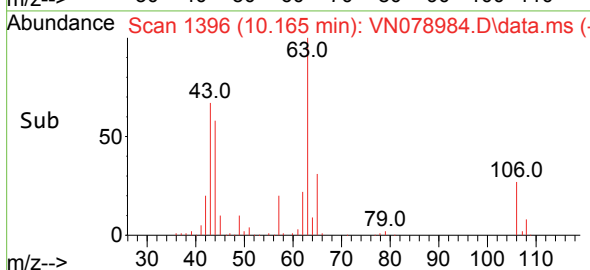
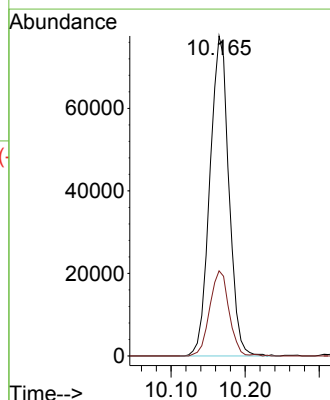
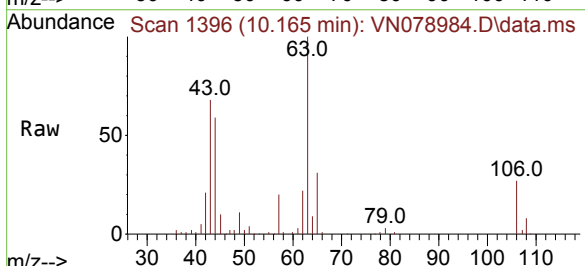
Acq: 22 Aug 2023 11:10

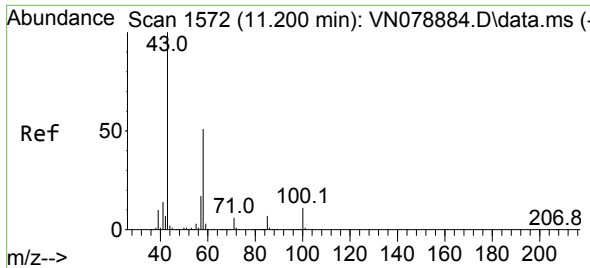
Tgt Ion: 63 Resp: 137892

Ion Ratio Lower Upper

63 100

106 27.1 26.2 39.4

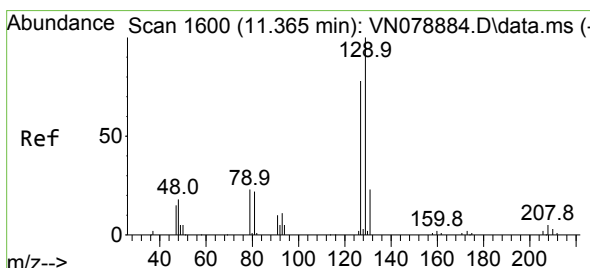
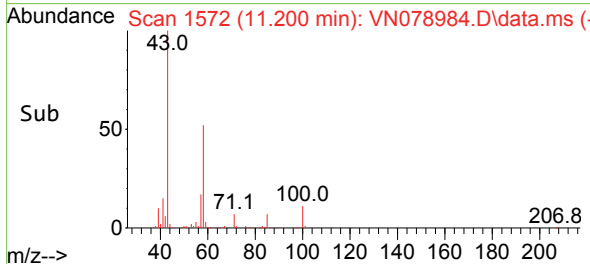
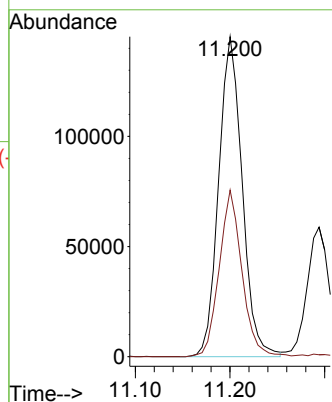
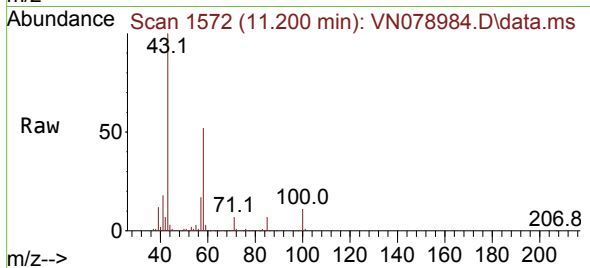




#59
2-Hexanone
Concen: 101.823 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

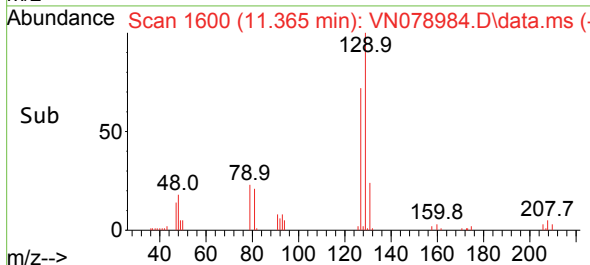
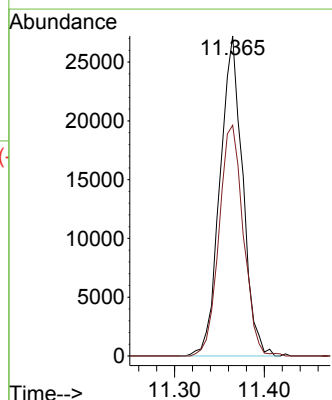
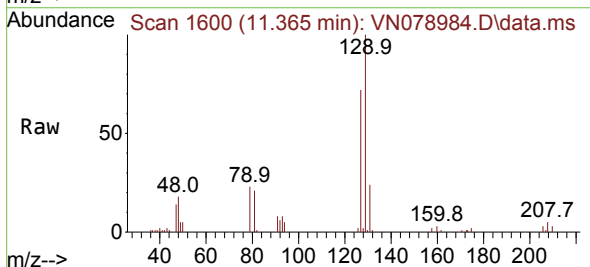
Instrument :
MSVOA_N
ClientSampleId :

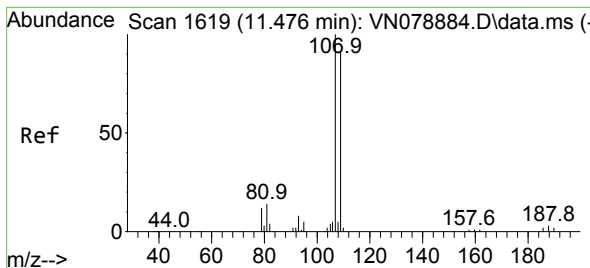
Tgt Ion: 43 Resp: 250885
Ion Ratio Lower Upper
43 100
58 50.3 31.7 95.1



#60
Dibromochloromethane
Concen: 21.525 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion:129 Resp: 47803
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.251 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

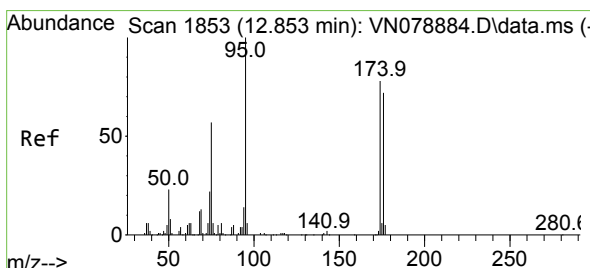
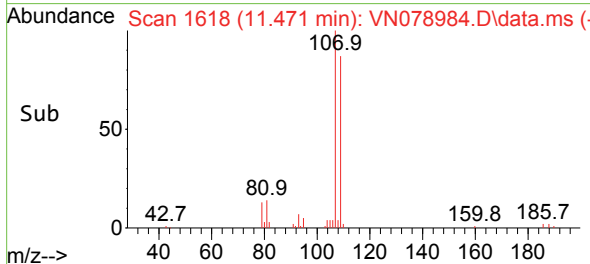
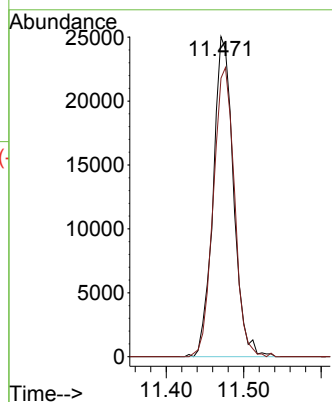
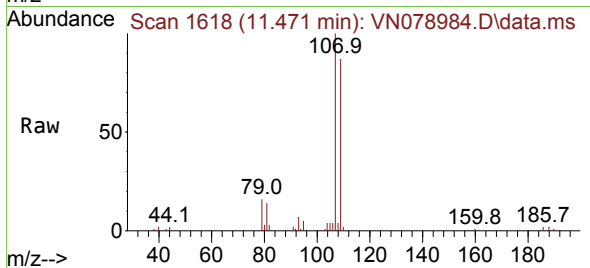
ClientSampleId :

Tgt Ion:107 Resp: 45575

Ion Ratio Lower Upper

107 100

109 93.9 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 49.044 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

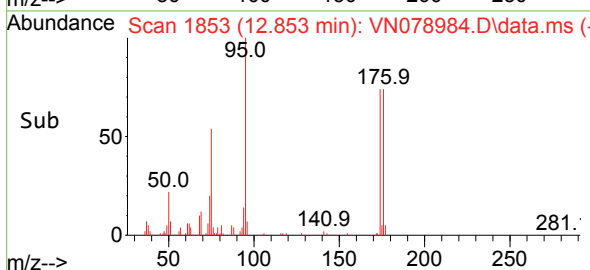
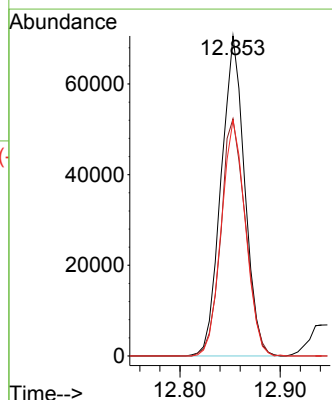
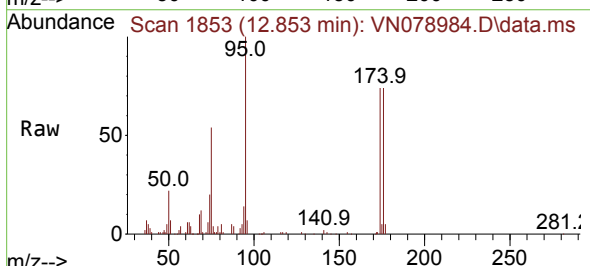
Tgt Ion: 95 Resp: 114764

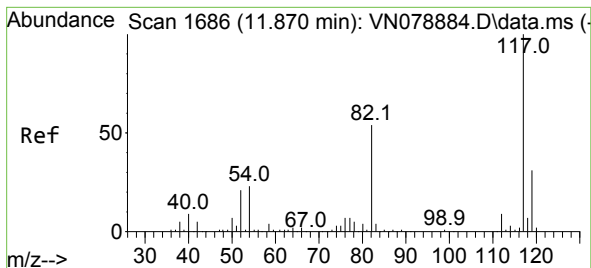
Ion Ratio Lower Upper

95 100

174 77.3 0.0 143.8

176 75.4 0.0 135.8

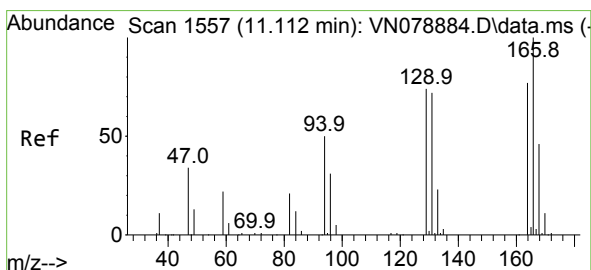
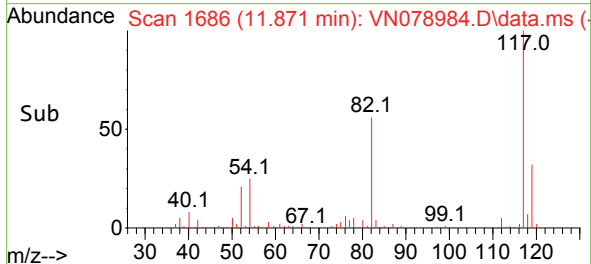
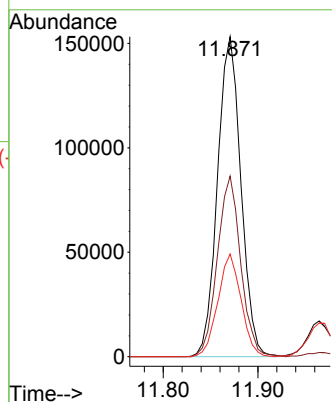
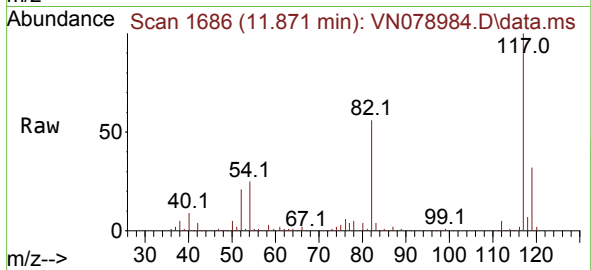




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

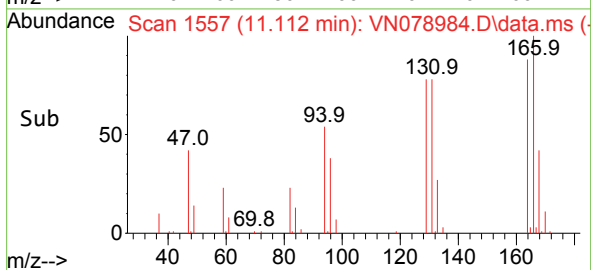
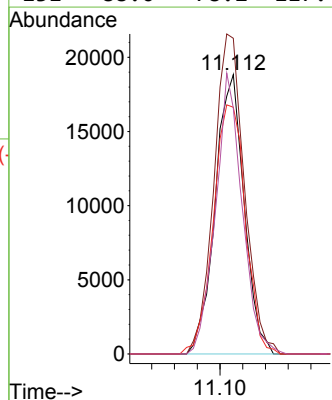
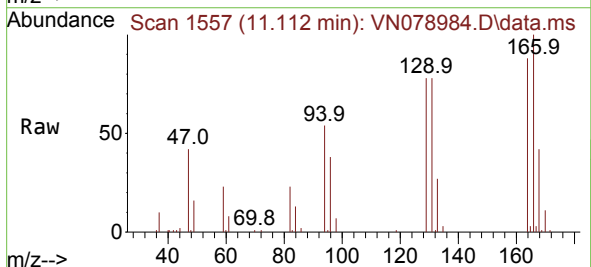
Instrument :
MSVOA_N
ClientSampleId :

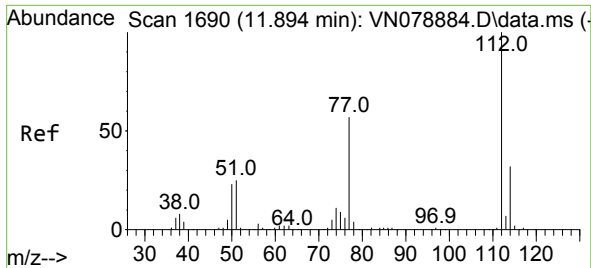
Tgt Ion:117 Resp: 263700
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 20.130 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion:164 Resp: 33290
Ion Ratio Lower Upper
164 100
166 113.0 101.4 152.0
129 88.3 82.4 123.6
131 88.0 78.2 117.4

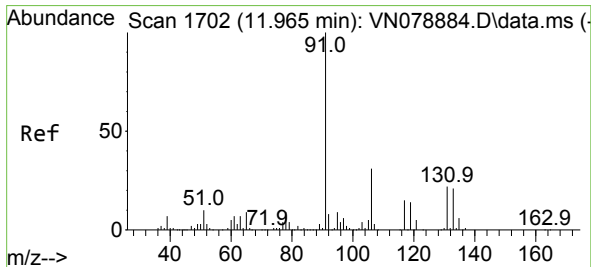
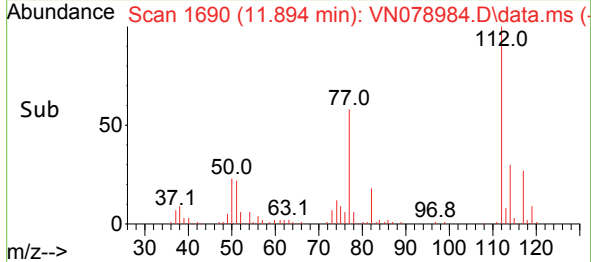
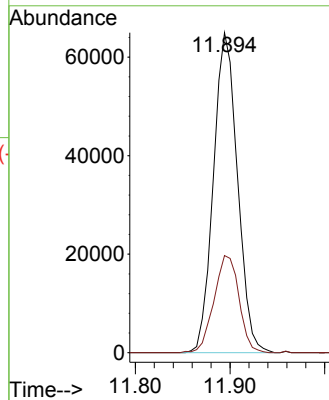
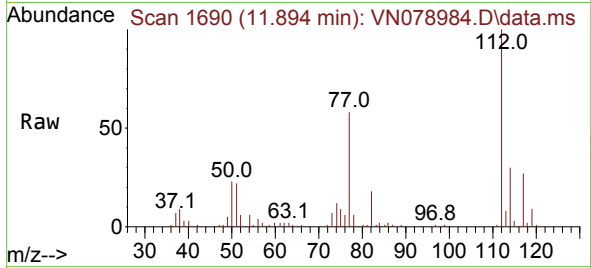




#65
Chlorobenzene
Concen: 20.410 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

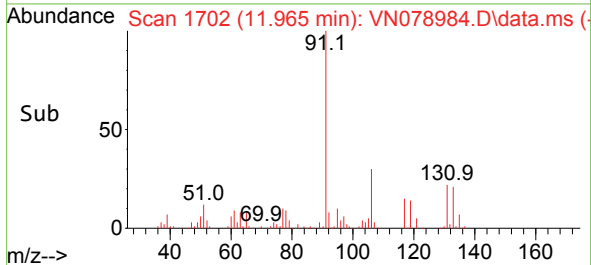
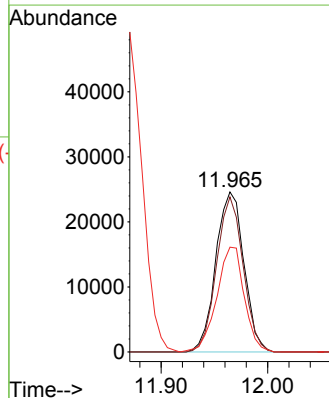
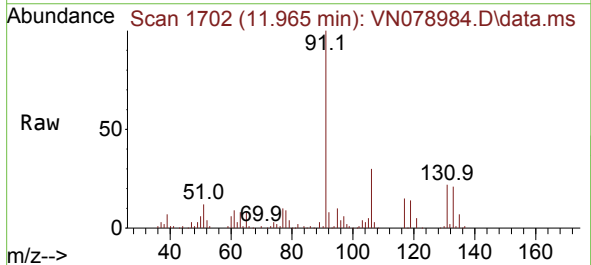
Instrument :
MSVOA_N
ClientSampleId :

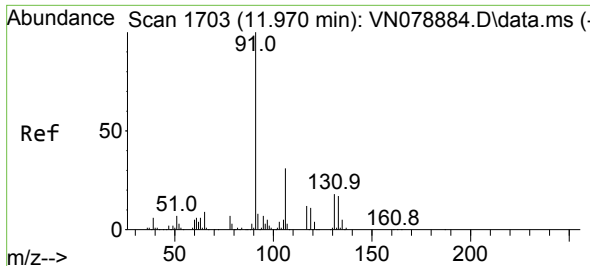
Tgt Ion:112 Resp: 114569
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.253 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion:131 Resp: 45084
Ion Ratio Lower Upper
131 100
133 91.8 46.4 139.1
119 64.1 34.1 102.2

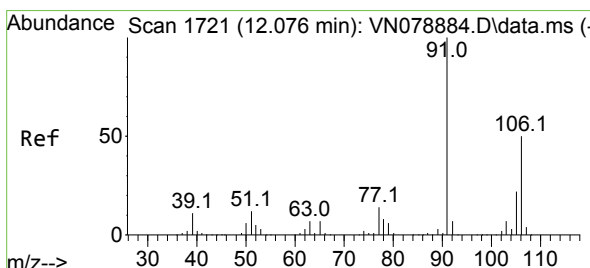
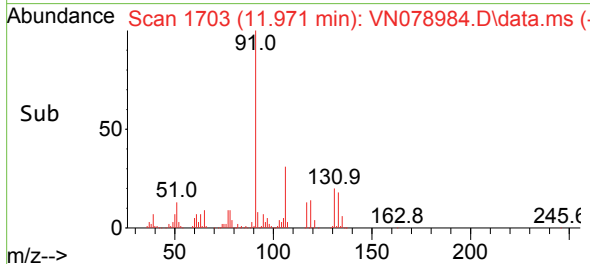
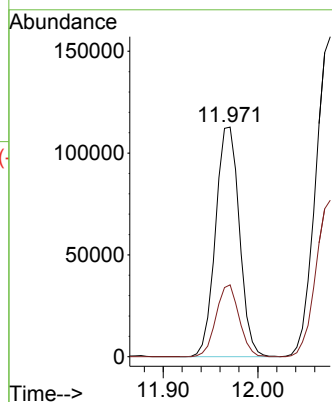
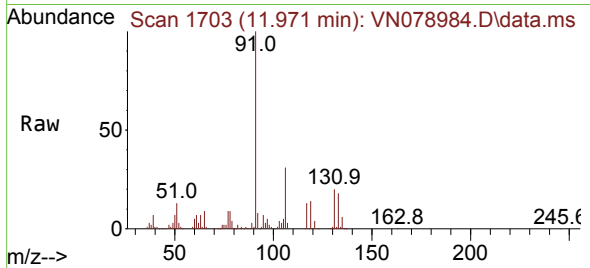




#67
Ethyl Benzene
Concen: 19.344 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

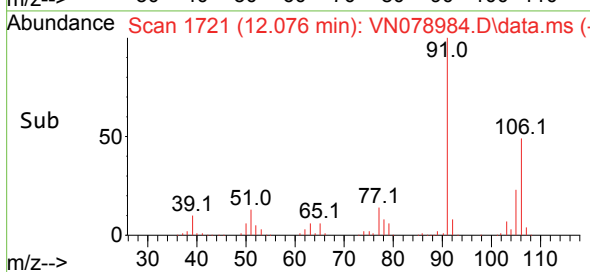
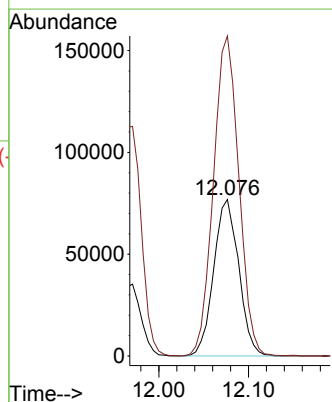
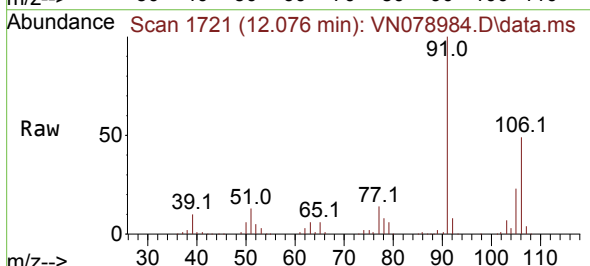
Instrument :
MSVOA_N
ClientSampleId :

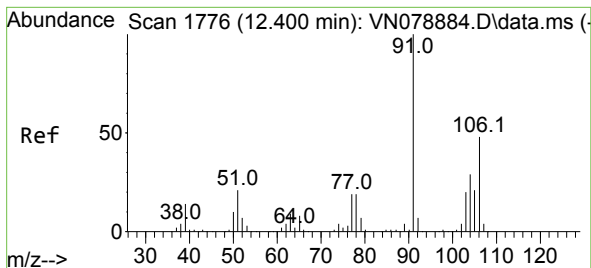
Tgt Ion: 91 Resp: 197458
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 39.003 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion:106 Resp: 148854
Ion Ratio Lower Upper
106 100
91 207.5 159.6 239.4





#69

o-Xylene

Concen: 19.281 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

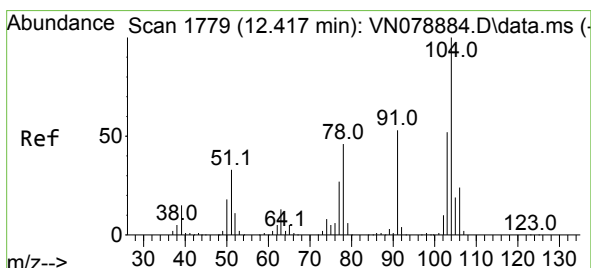
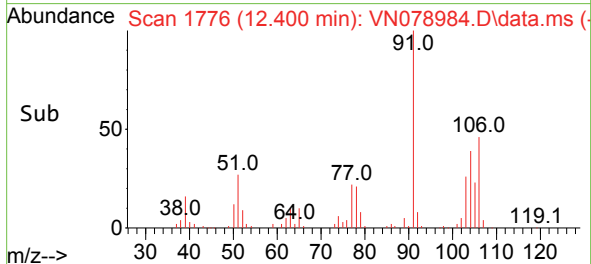
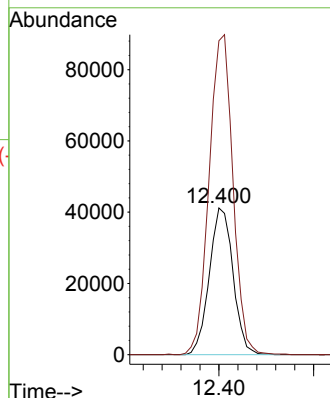
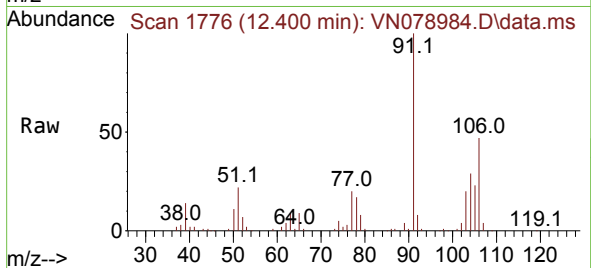
ClientSampleId :

Tgt Ion:106 Resp: 71583

Ion Ratio Lower Upper

106 100

91 218.8 105.2 315.5



#70

Styrene

Concen: 19.482 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

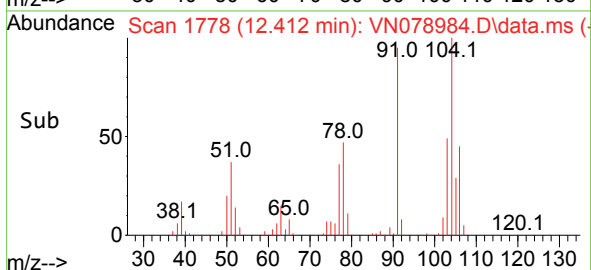
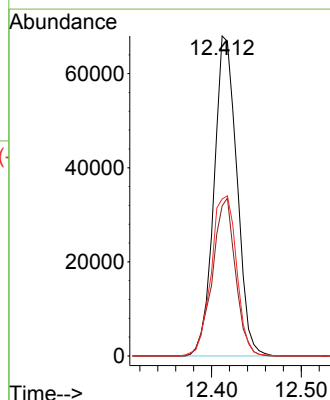
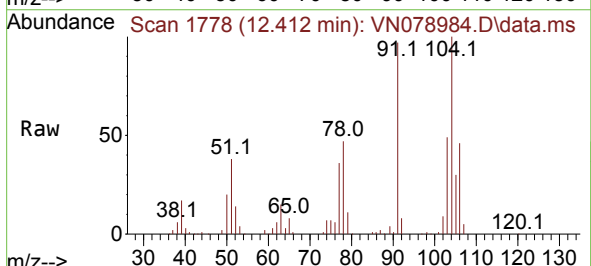
Tgt Ion:104 Resp: 120602

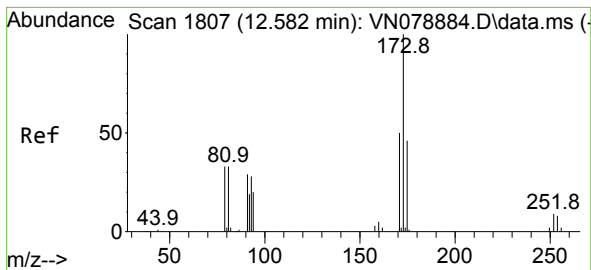
Ion Ratio Lower Upper

104 100

78 49.7 39.5 59.3

103 55.3 43.2 64.8





#71

Bromoform

Concen: 20.357 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

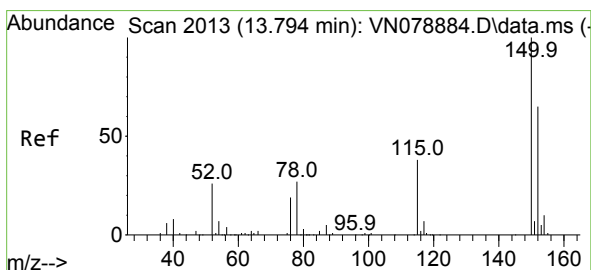
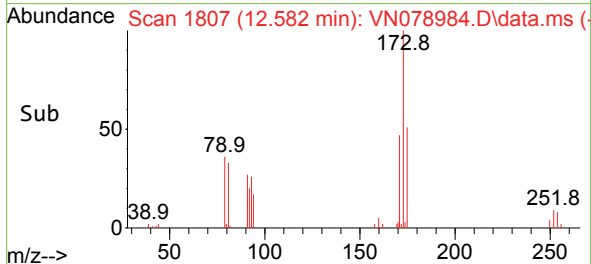
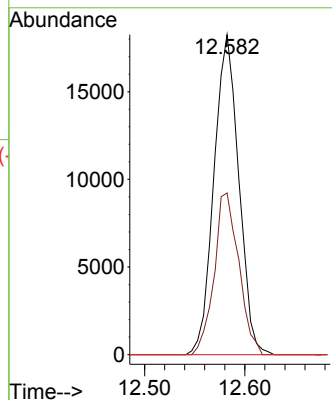
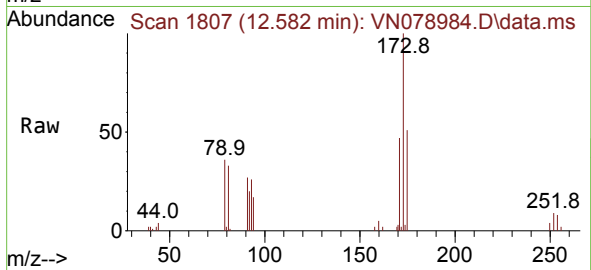
Tgt Ion:173 Resp: 31395

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

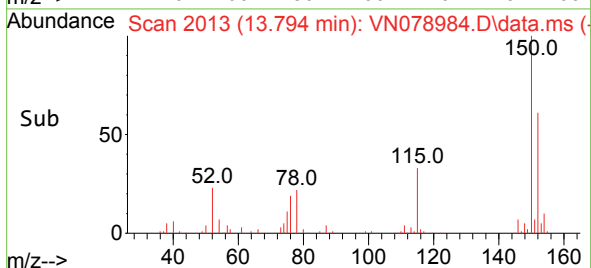
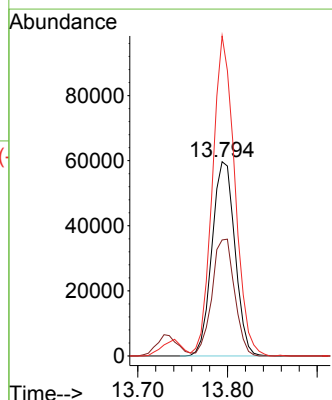
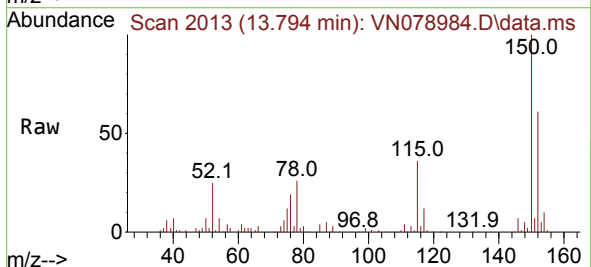
Tgt Ion:152 Resp: 106109

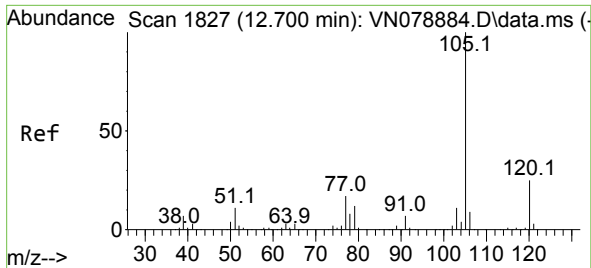
Ion Ratio Lower Upper

152 100

115 59.1 32.3 96.8

150 160.2 0.0 355.8

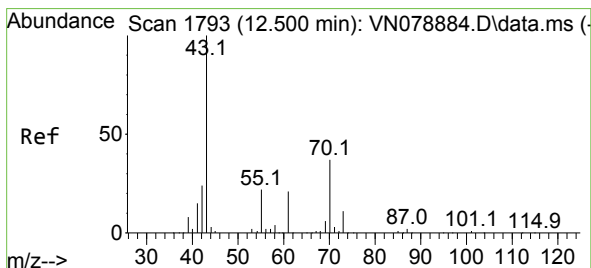
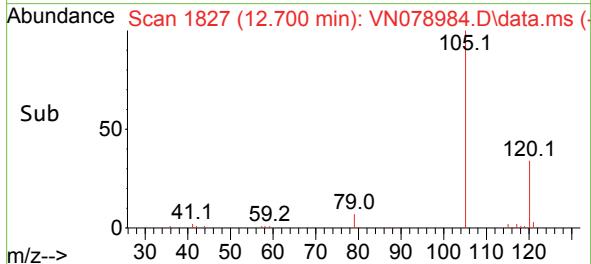
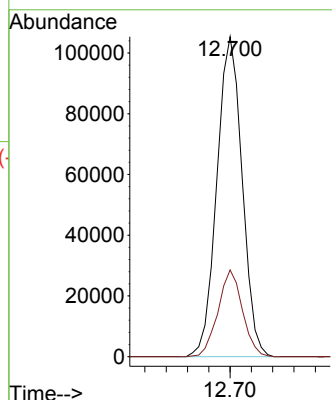
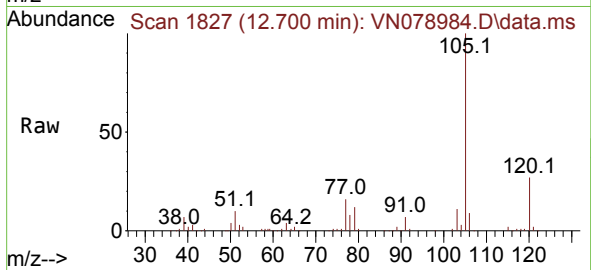




#73
Isopropylbenzene
Concen: 19.567 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

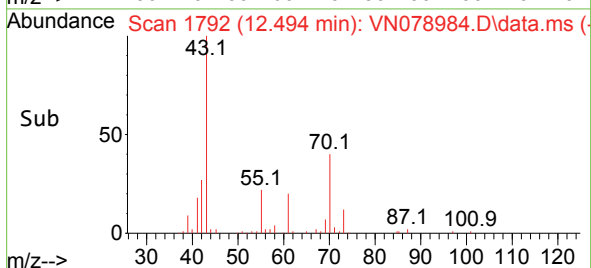
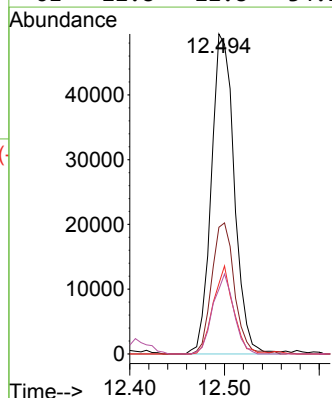
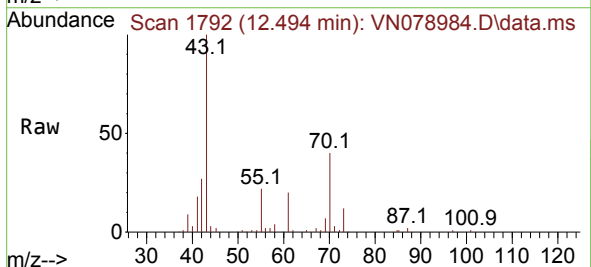
Instrument :
MSVOA_N
ClientSampleId :

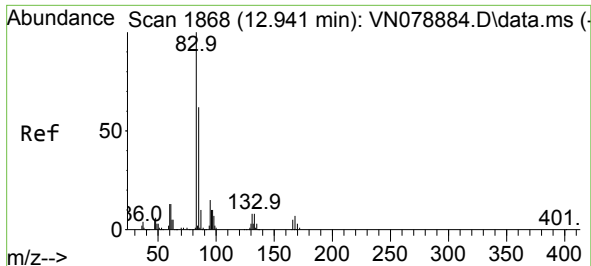
Tgt Ion:105 Resp: 173124
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 18.629 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 43 Resp: 83197
Ion Ratio Lower Upper
43 100
70 40.4 43.4 65.2#
55 24.2 21.4 32.0
61 22.8 22.8 34.2#

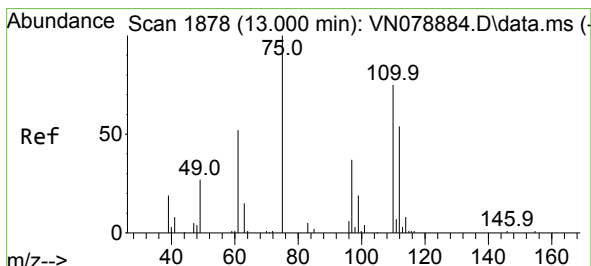
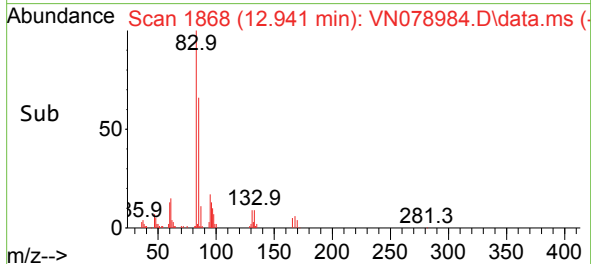
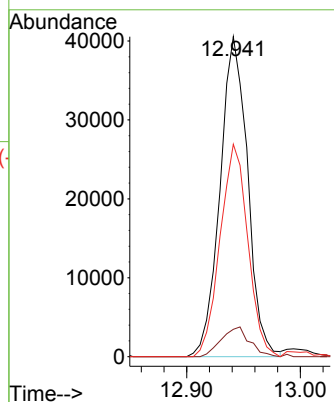
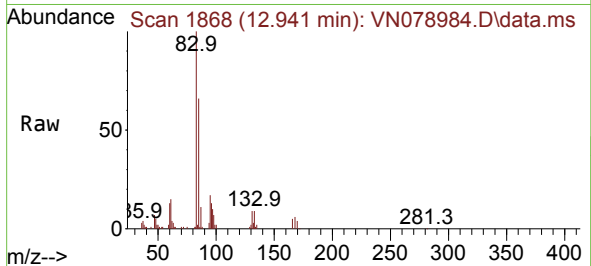




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.408 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

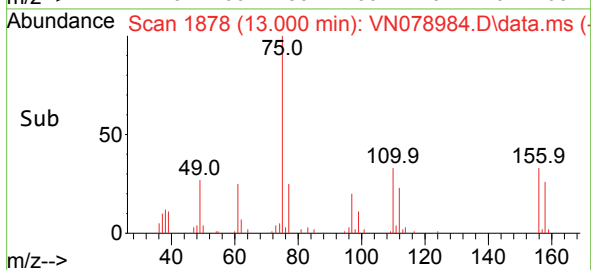
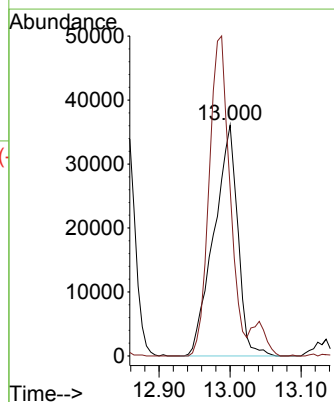
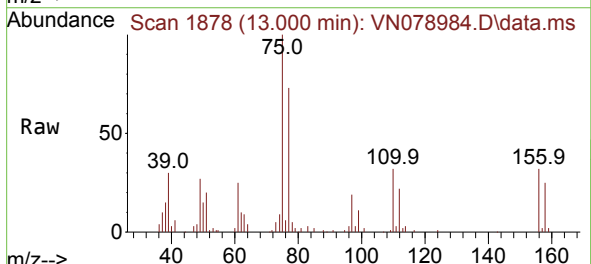
Instrument :
 MSVOA_N
 ClientSampleId :

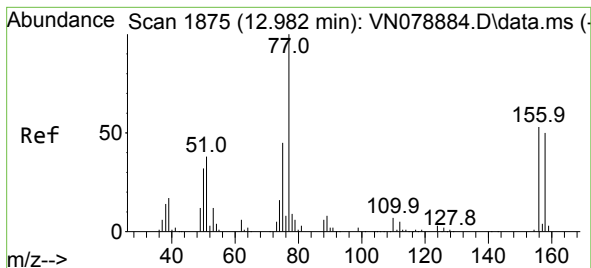
Tgt Ion: 83 Resp: 68389
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.0 15.0
 85 66.6 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 32.980 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

Tgt Ion: 75 Resp: 84321
 Ion Ratio Lower Upper
 75 100
 77 119.5 84.5 253.5





#77

Bromobenzene

Concen: 21.523 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

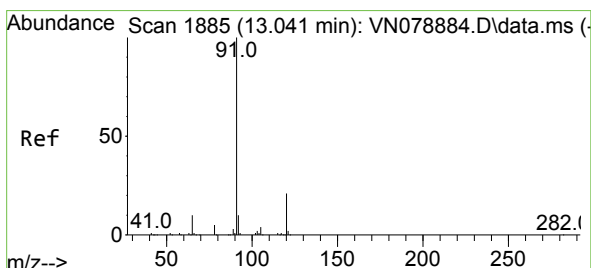
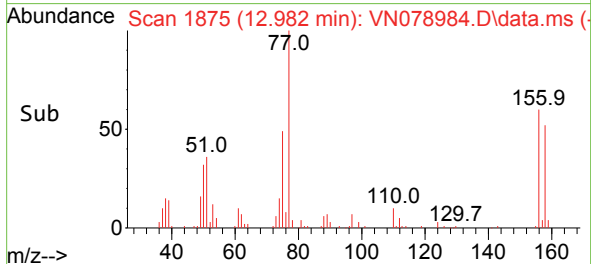
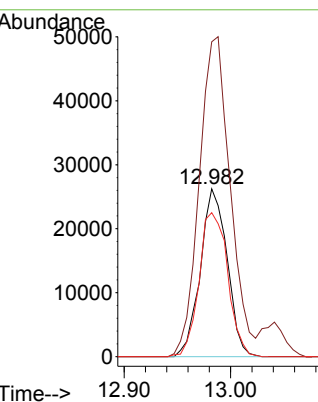
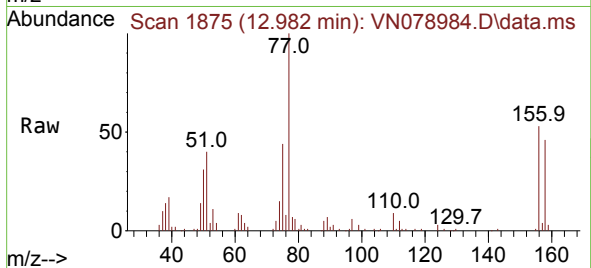
Tgt Ion:156 Resp: 45773

Ion Ratio Lower Upper

156 100

77 220.2 107.7 323.3

158 92.0 48.4 145.3



#78

n-propylbenzene

Concen: 19.368 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078984.D

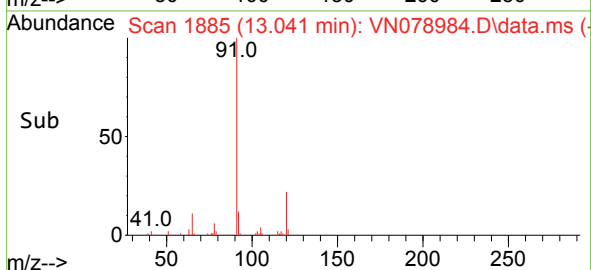
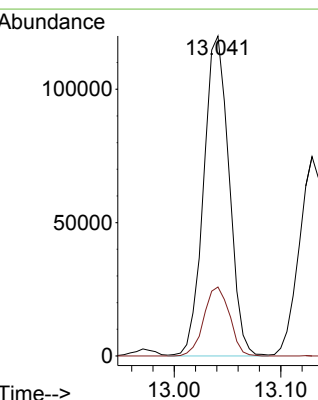
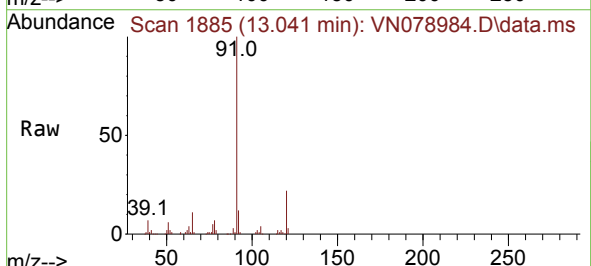
Acq: 22 Aug 2023 11:10

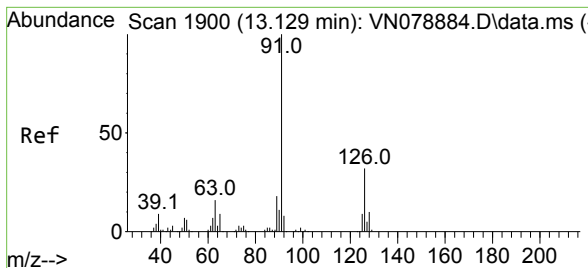
Tgt Ion: 91 Resp: 198709

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.859 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

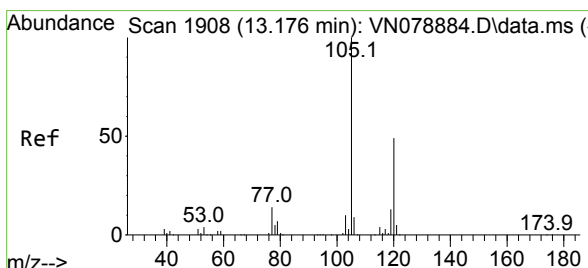
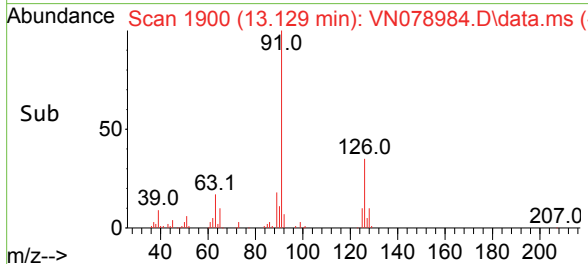
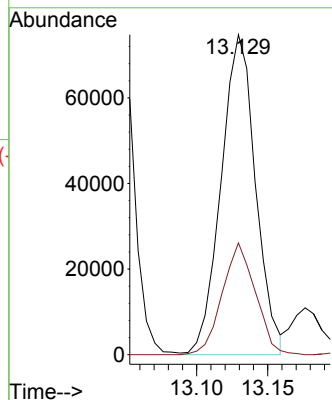
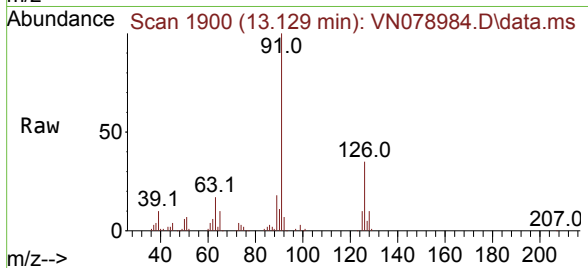
ClientSampleId :

Tgt Ion: 91 Resp: 126388

Ion Ratio Lower Upper

91 100

126 33.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.536 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078984.D

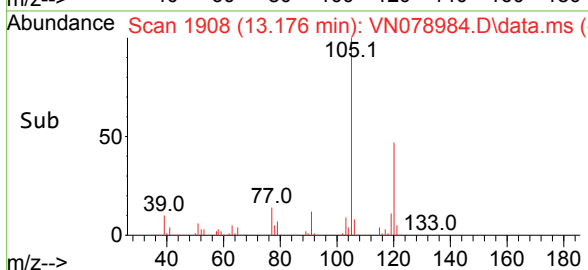
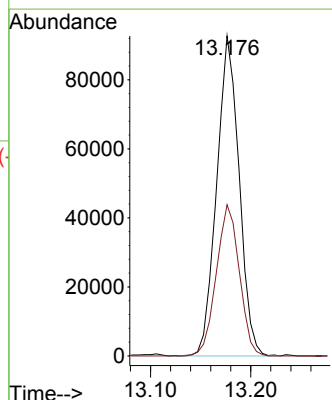
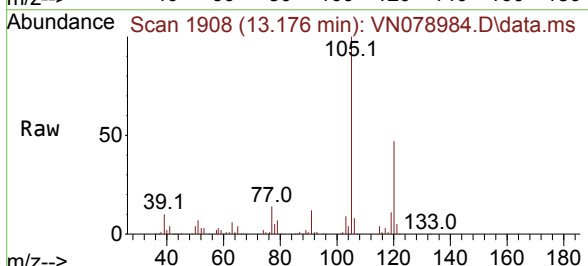
Acq: 22 Aug 2023 11:10

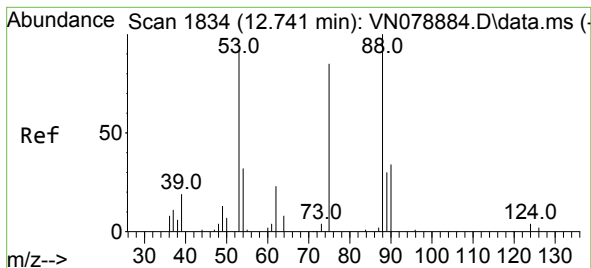
Tgt Ion:105 Resp: 143985

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3

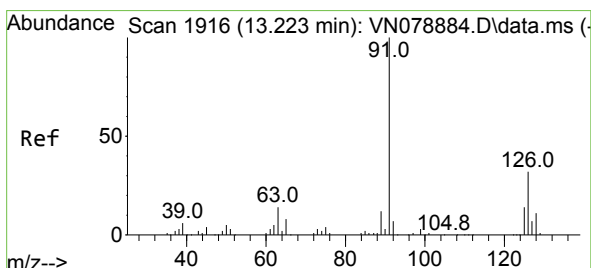
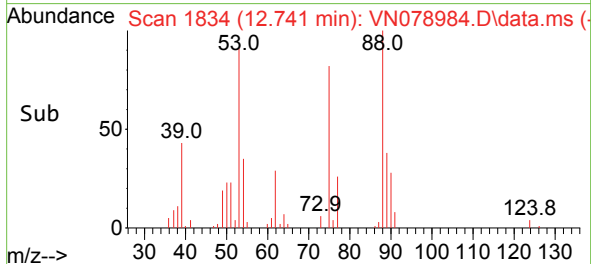
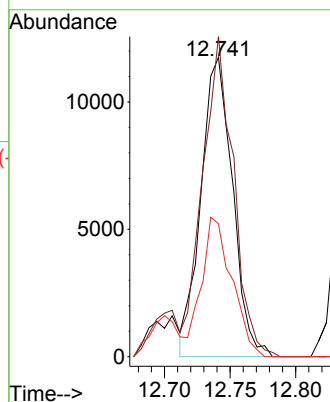
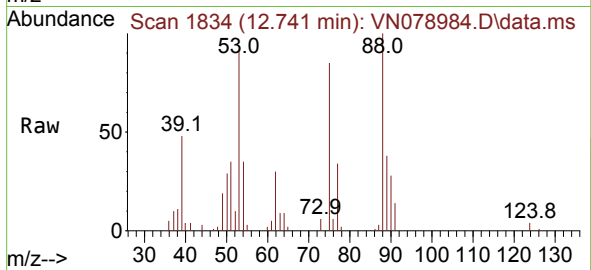




#81
trans-1,4-Dichloro-2-butene
Concen: 19.706 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

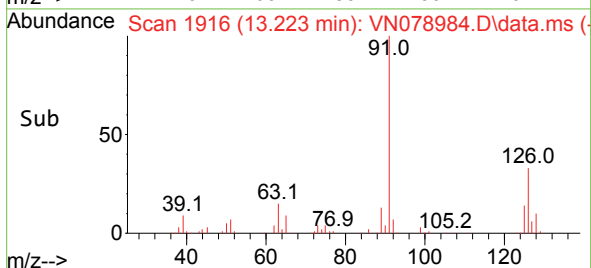
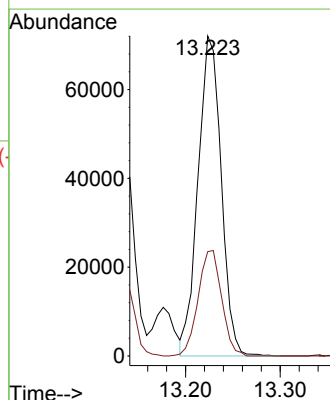
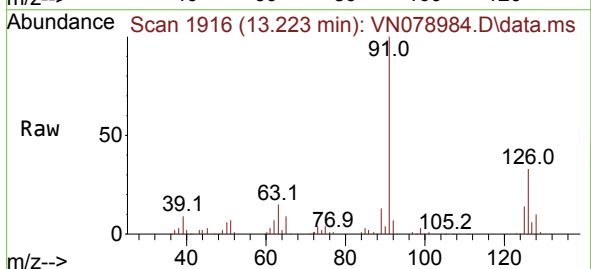
Instrument :
MSVOA_N
ClientSampleId :

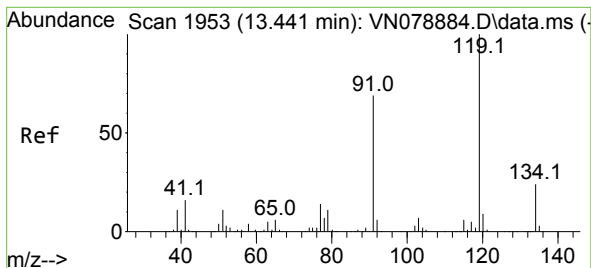
Tgt Ion: 75 Resp: 19723
Ion Ratio Lower Upper
75 100
53 104.2 67.4 101.2#
89 44.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.715 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078984.D
Acq: 22 Aug 2023 11:10

Tgt Ion: 91 Resp: 122770
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0

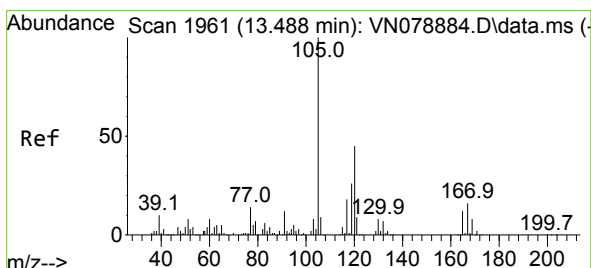
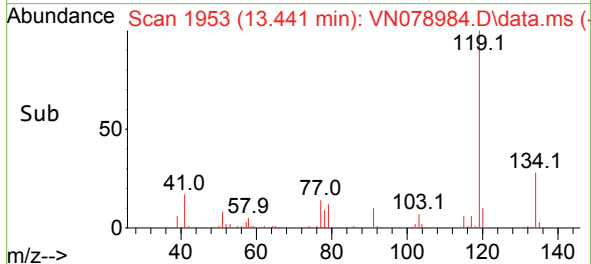
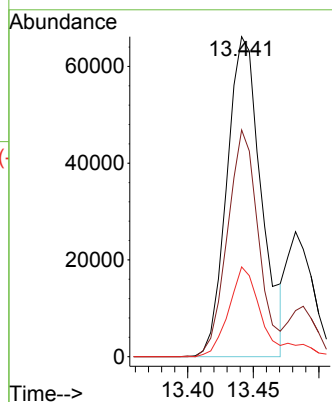
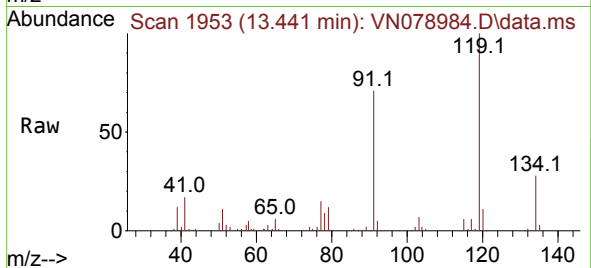




#83
 tert-Butylbenzene
 Concen: 20.445 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

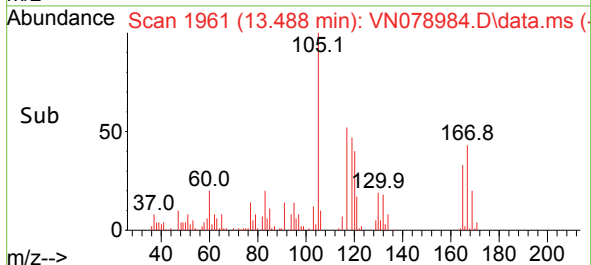
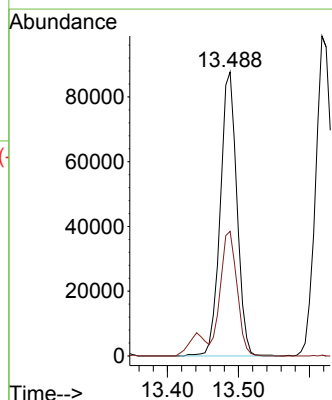
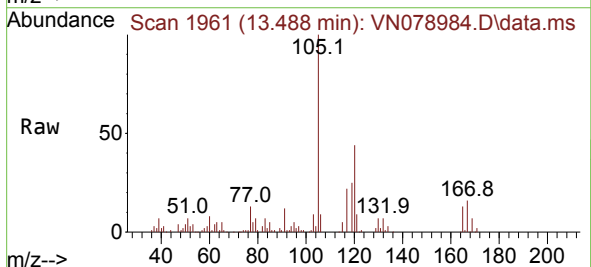
Instrument :
 MSVOA_N
 ClientSampleId :

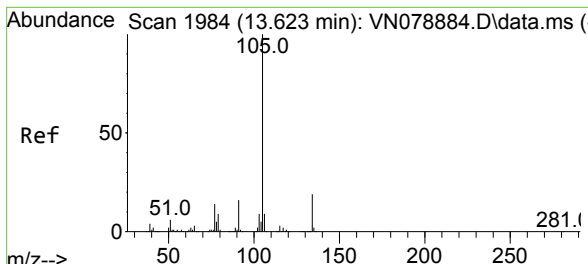
Tgt Ion:119 Resp: 120439
 Ion Ratio Lower Upper
 119 100
 91 64.4 33.9 101.7
 134 28.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.459 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

Tgt Ion:105 Resp: 142035
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0

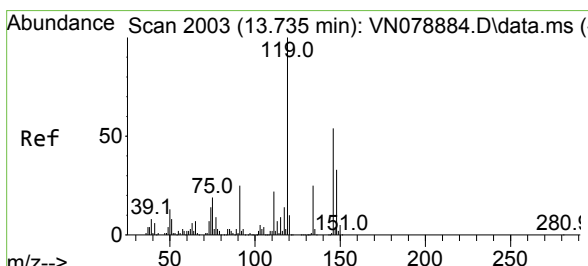
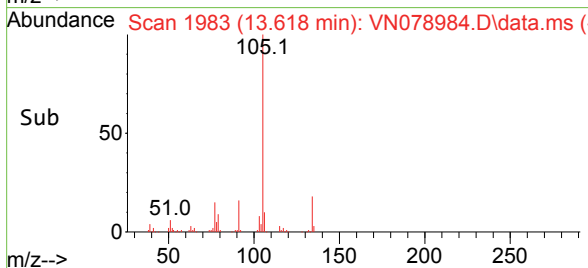
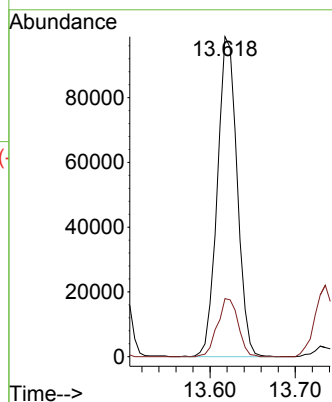
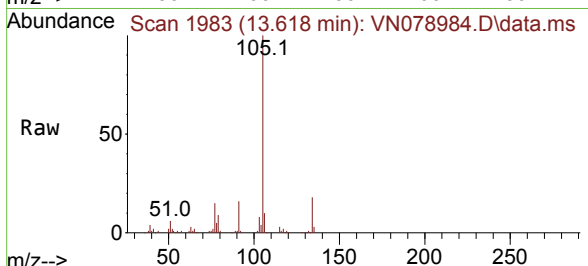




#85
 sec-Butylbenzene
 Concen: 19.650 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

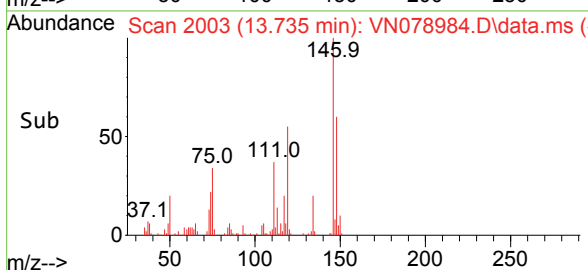
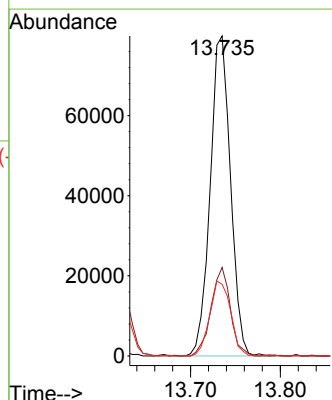
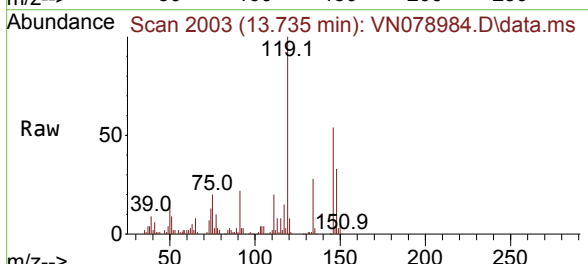
Instrument :
 MSVOA_N
 ClientSampleId :

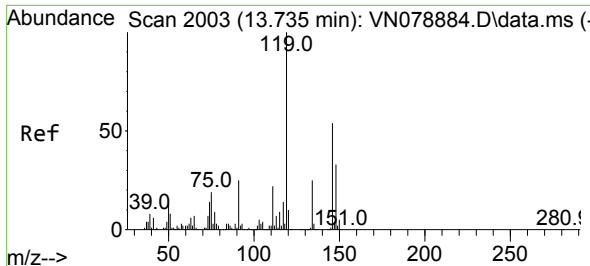
Tgt Ion:105 Resp: 159310
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.423 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

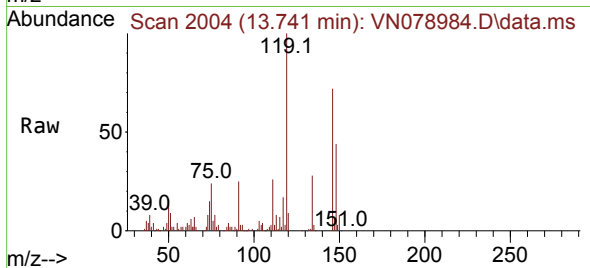
Tgt Ion:119 Resp: 125808
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.0 12.4 37.2



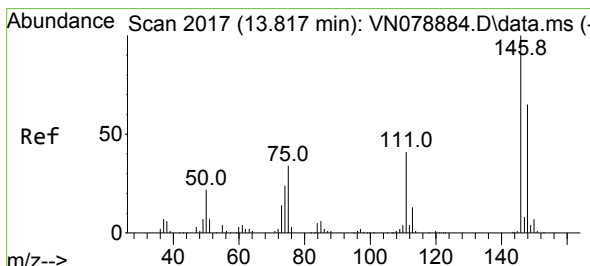
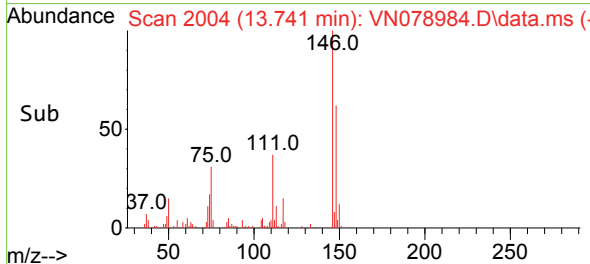
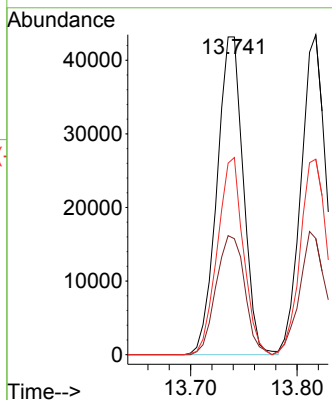


#87
 1,3-Dichlorobenzene
 Concen: 20.270 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

Instrument :
 MSVOA_N
 ClientSampleId :

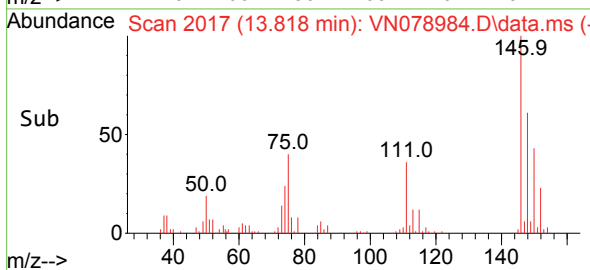
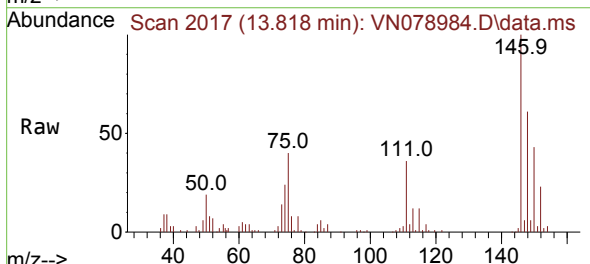
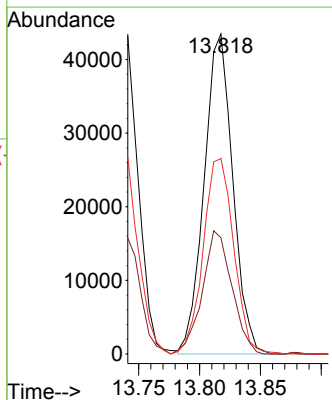


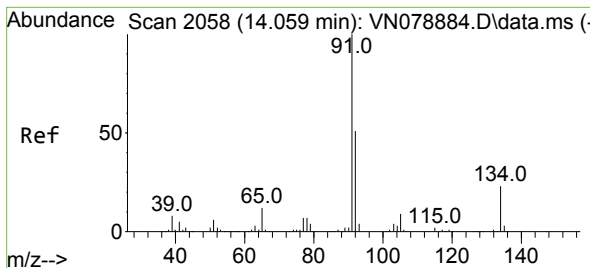
Tgt Ion:146 Resp: 74178
 Ion Ratio Lower Upper
 146 100
 111 40.6 22.1 66.3
 148 61.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.491 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

Tgt Ion:146 Resp: 71390
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.6 61.8
 148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 18.396 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VN078984.D

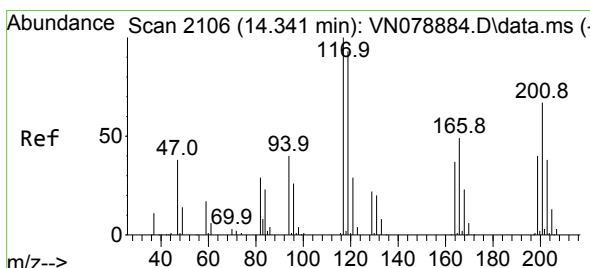
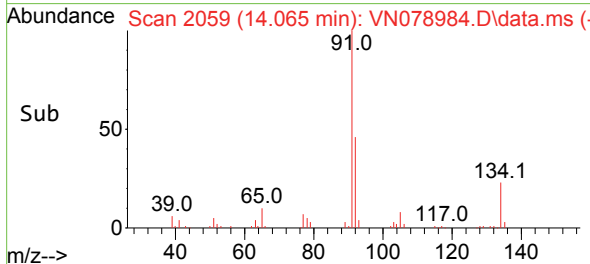
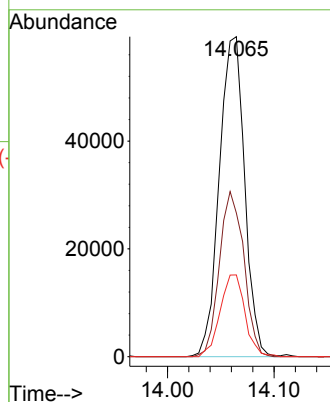
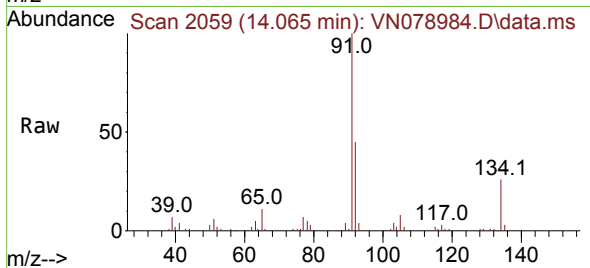
Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 98059
Ion Ratio	Lower Upper
91	100
92	49.8 26.4 79.0
134	25.1 12.6 37.6



#90

Hexachloroethane

Concen: 20.641 ug/l

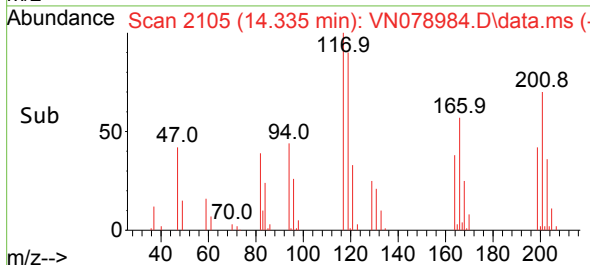
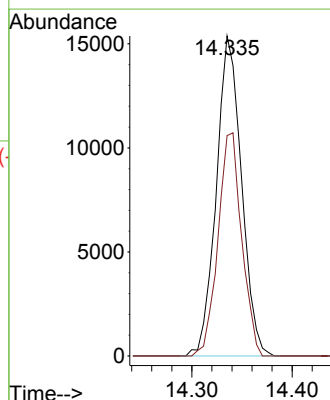
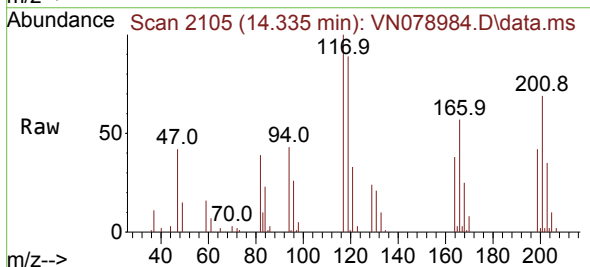
RT: 14.335 min Scan# 2105

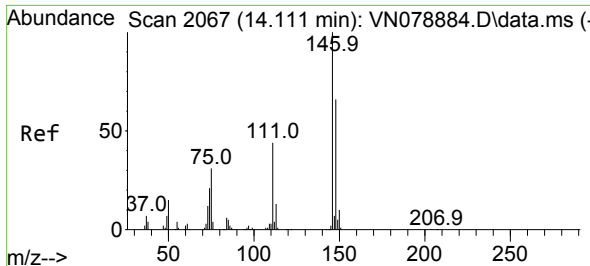
Delta R.T. 0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Tgt Ion: 117	Resp: 26801
Ion Ratio	Lower Upper
117	100
201	65.5 29.3 88.0

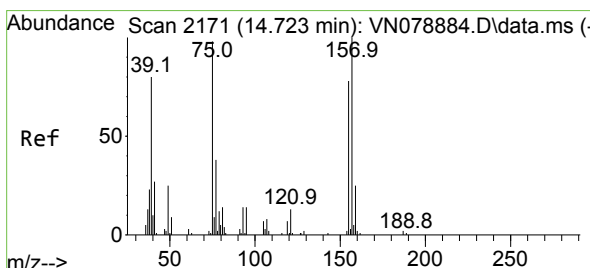
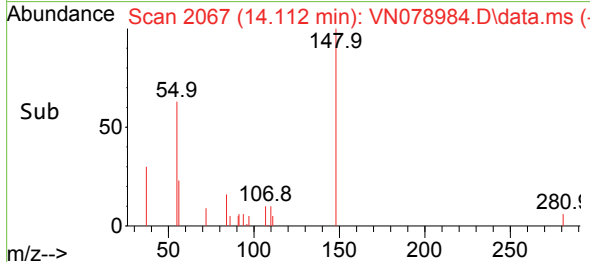
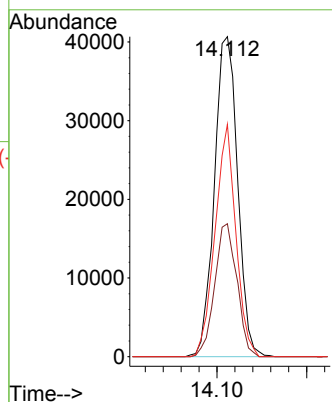
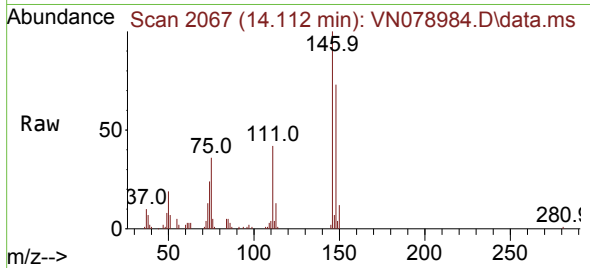




#91
 1,2-Dichlorobenzene
 Concen: 20.054 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

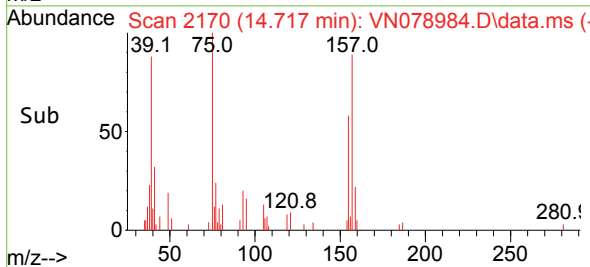
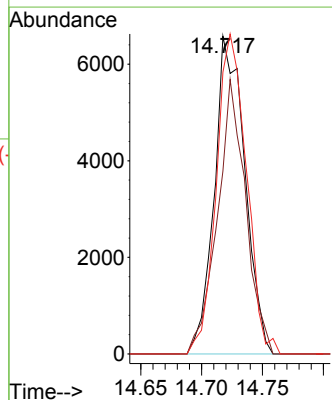
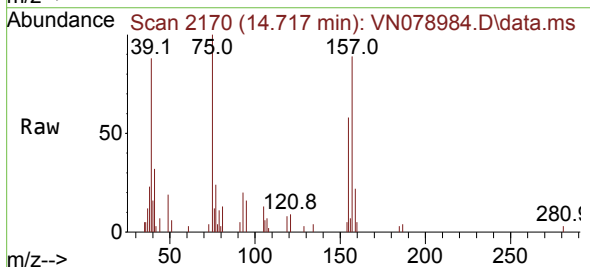
Instrument :
 MSVOA_N
 ClientSampleId :

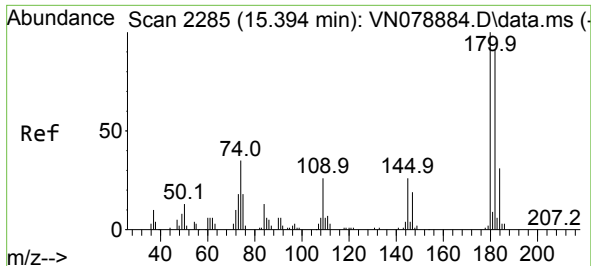
Tgt Ion:146 Resp: 72981
 Ion Ratio Lower Upper
 146 100
 111 39.7 22.0 66.0
 148 65.3 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.930 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

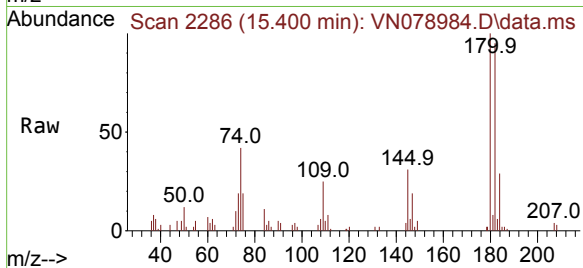
Tgt Ion: 75 Resp: 11424
 Ion Ratio Lower Upper
 75 100
 155 80.3 39.1 117.2
 157 99.7 50.3 150.9



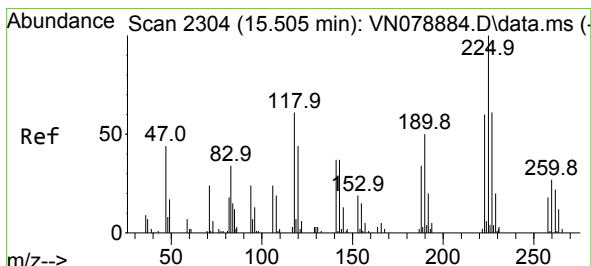
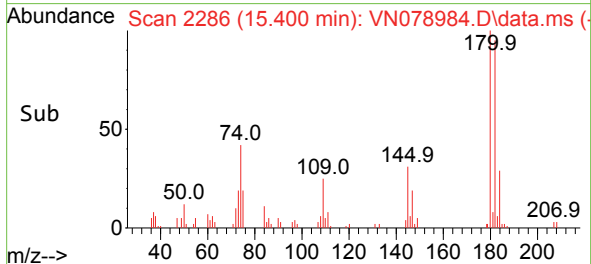
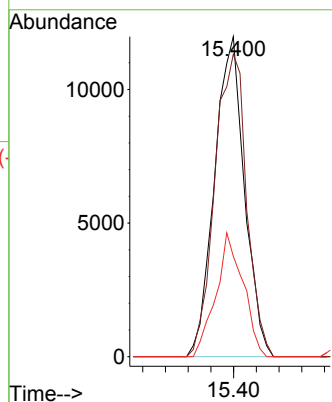


#93
 1,2,4-Trichlorobenzene
 Concen: 16.982 ug/l
 RT: 15.400 min Scan# 21909
 Delta R.T. -0.000 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

Instrument :
 MSVOA_N
 ClientSampleId :

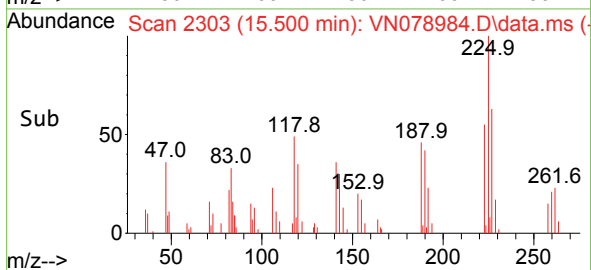
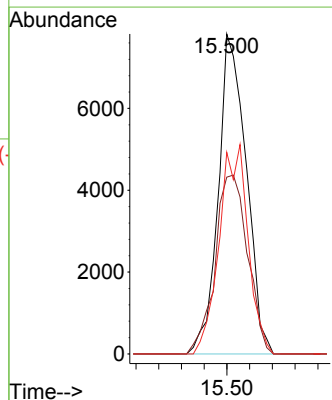
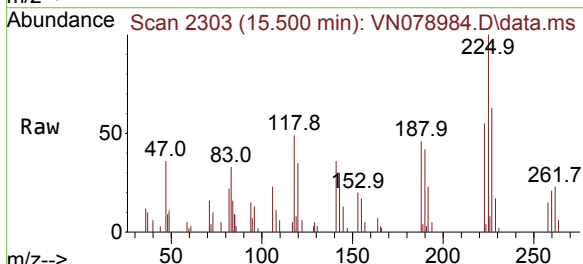


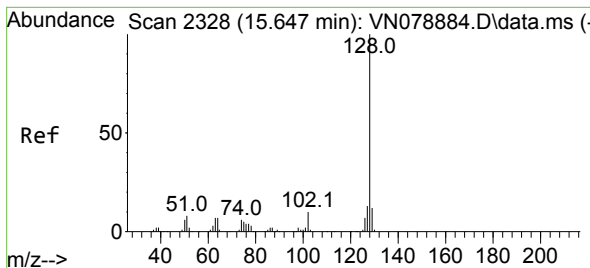
Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	46.1	138.2
145	35.1	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 17.847 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN078984.D
 Acq: 22 Aug 2023 11:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	31.3	93.8
227	67.4	31.9	95.9





#95

Naphthalene

Concen: 15.149 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078984.D

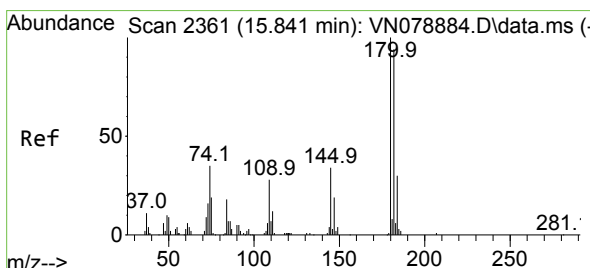
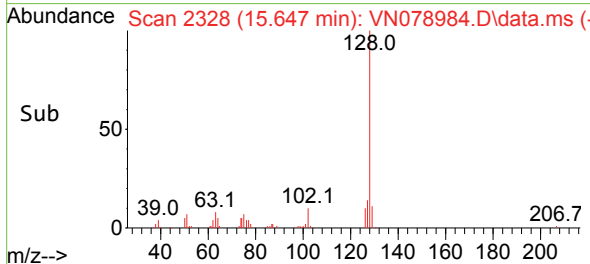
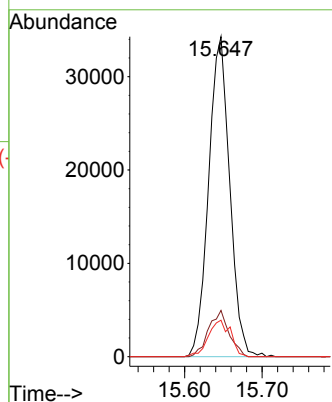
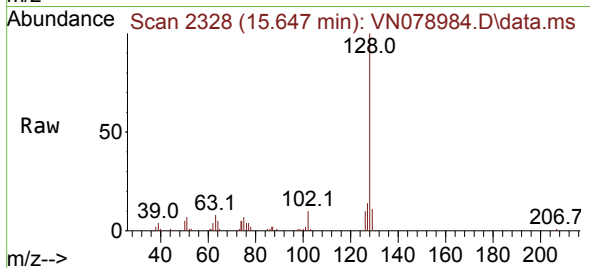
Acq: 22 Aug 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	64822
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.0	15.0
129	12.0	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.720 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078984.D

Acq: 22 Aug 2023 11:10

Tgt Ion:	180	Resp:	25038
Ion Ratio	Lower	Upper	
180	100		
182	93.8	46.2	138.6
145	34.4	17.5	52.6

