

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078136.D
 Acq On : 09 Jun 2023 10:50
 Operator : JC\MD
 Sample : VN0609WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

Quant Time: Jun 09 23:04:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	413139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	749043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	660141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242521	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	292575	53.114	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.220%	
35) Dibromofluoromethane	8.177	113	244440	51.612	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.220%	
50) Toluene-d8	10.570	98	940630	51.518	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.853	95	282492	49.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79605	17.046	ug/l	97
3) Chloromethane	2.371	50	91982	19.835	ug/l	98
4) Vinyl Chloride	2.524	62	115761	18.930	ug/l	98
5) Bromomethane	2.959	94	90899	19.669	ug/l	98
6) Chloroethane	3.130	64	79486	19.067	ug/l	95
7) Trichlorofluoromethane	3.506	101	151601	18.281	ug/l	96
8) Diethyl Ether	3.971	74	53299	18.292	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	80504	18.395	ug/l	95
10) Methyl Iodide	4.600	142	109429	17.680	ug/l	96
11) Tert butyl alcohol	5.536	59	72830	95.754	ug/l	99
12) 1,1-Dichloroethene	4.353	96	83034	18.405	ug/l	98
13) Acrolein	4.183	56	79853	95.259	ug/l	94
14) Allyl chloride	5.036	41	112847	20.491	ug/l	95
15) Acrylonitrile	5.730	53	192425	98.129	ug/l	98
16) Acetone	4.441	43	171880	108.406	ug/l	98
17) Carbon Disulfide	4.724	76	200872	17.298	ug/l	97
18) Methyl Acetate	5.041	43	138272	18.942	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	273340	18.990	ug/l	99
20) Methylene Chloride	5.288	84	96479	18.414	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	86716	17.821	ug/l	90
22) Diisopropyl ether	6.683	45	262176	20.239	ug/l #	91
23) Vinyl Acetate	6.618	43	746236	96.907	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	167195	19.565	ug/l	97
25) 2-Butanone	7.494	43	249716	102.419	ug/l #	86
26) 2,2-Dichloropropane	7.506	77	139265	22.071	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	106676	18.379	ug/l	94
28) Bromochloromethane	7.824	49	85508	21.793	ug/l	89
29) Tetrahydrofuran	7.847	42	155414	95.349	ug/l	86
30) Chloroform	7.971	83	180957	19.665	ug/l	95
31) Cyclohexane	8.259	56	140246	19.848	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	158100	19.570	ug/l	98
36) 1,1-Dichloropropene	8.377	75	129725	19.096	ug/l	96
37) Ethyl Acetate	7.565	43	106877	20.139	ug/l #	95
38) Carbon Tetrachloride	8.365	117	137074	19.109	ug/l	94
39) Methylcyclohexane	9.606	83	128262	18.219	ug/l	90
40) Benzene	8.612	78	394834	19.468	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58160	20.219	ug/l	91
42) 1,2-Dichloroethane	8.677	62	136256	19.595	ug/l	96
43) Isopropyl Acetate	8.694	43	176181	17.359	ug/l #	94
44) Trichloroethene	9.359	130	102853	19.203	ug/l	89
45) 1,2-Dichloropropane	9.629	63	98267	19.474	ug/l	96
46) Dibromomethane	9.718	93	68947	18.551	ug/l	95
47) Bromodichloromethane	9.894	83	139148	20.155	ug/l	93
48) Methyl methacrylate	9.688	41	80959	19.008	ug/l	91
49) 1,4-Dioxane	9.700	88	33599	375.324	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	532612	99.655	ug/l	92
52) Toluene	10.635	92	248712	19.423	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	142076	19.760	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	157201	19.779	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	99611	20.564	ug/l	96
56) Ethyl methacrylate	10.882	69	137993	19.565	ug/l	92
57) 1,3-Dichloropropane	11.170	76	164474	20.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	238889	83.842	ug/l	93
59) 2-Hexanone	11.200	43	369112	99.187	ug/l	92
60) Dibromochloromethane	11.365	129	103351	19.498	ug/l	99
61) 1,2-Dibromoethane	11.476	107	96695	19.022	ug/l	99
64) Tetrachloroethene	11.106	164	85385	19.388	ug/l	96
65) Chlorobenzene	11.900	112	263067	18.608	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	98247	18.895	ug/l	98
67) Ethyl Benzene	11.970	91	459553	18.839	ug/l	95
68) m/p-Xylenes	12.076	106	341586	36.744	ug/l	95
69) o-Xylene	12.406	106	173715	19.028	ug/l	99
70) Styrene	12.417	104	267306	18.599	ug/l	97
71) Bromoform	12.582	173	62343	18.579	ug/l #	100
73) Isopropylbenzene	12.700	105	427381	18.636	ug/l	100
74) N-amyl acetate	12.500	43	135717	17.971	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	134451	19.839	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	157260	27.429	ug/l	73
77) Bromobenzene	12.982	156	96621	18.149	ug/l	99
78) n-propylbenzene	13.041	91	475642	19.089	ug/l	99
79) 2-Chlorotoluene	13.129	91	299026	18.592	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	359410	19.357	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	34921	18.713	ug/l #	75
82) 4-Chlorotoluene	13.223	91	278571	18.558	ug/l	97
83) tert-Butylbenzene	13.447	119	295623	18.316	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	349674	19.425	ug/l	98
85) sec-Butylbenzene	13.623	105	383850	18.170	ug/l	99
86) p-Isopropyltoluene	13.735	119	316315	18.452	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	162989	18.099	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	154512	17.782	ug/l	98
89) n-Butylbenzene	14.059	91	237935	17.597	ug/l	98
90) Hexachloroethane	14.335	117	55099	18.111	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	159783	18.155	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19712	17.353	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	47192	15.050	ug/l	98
94) Hexachlorobutadiene	15.505	225	29892	17.718	ug/l	97
95) Naphthalene	15.647	128	149820	14.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	54205	15.456	ug/l	96

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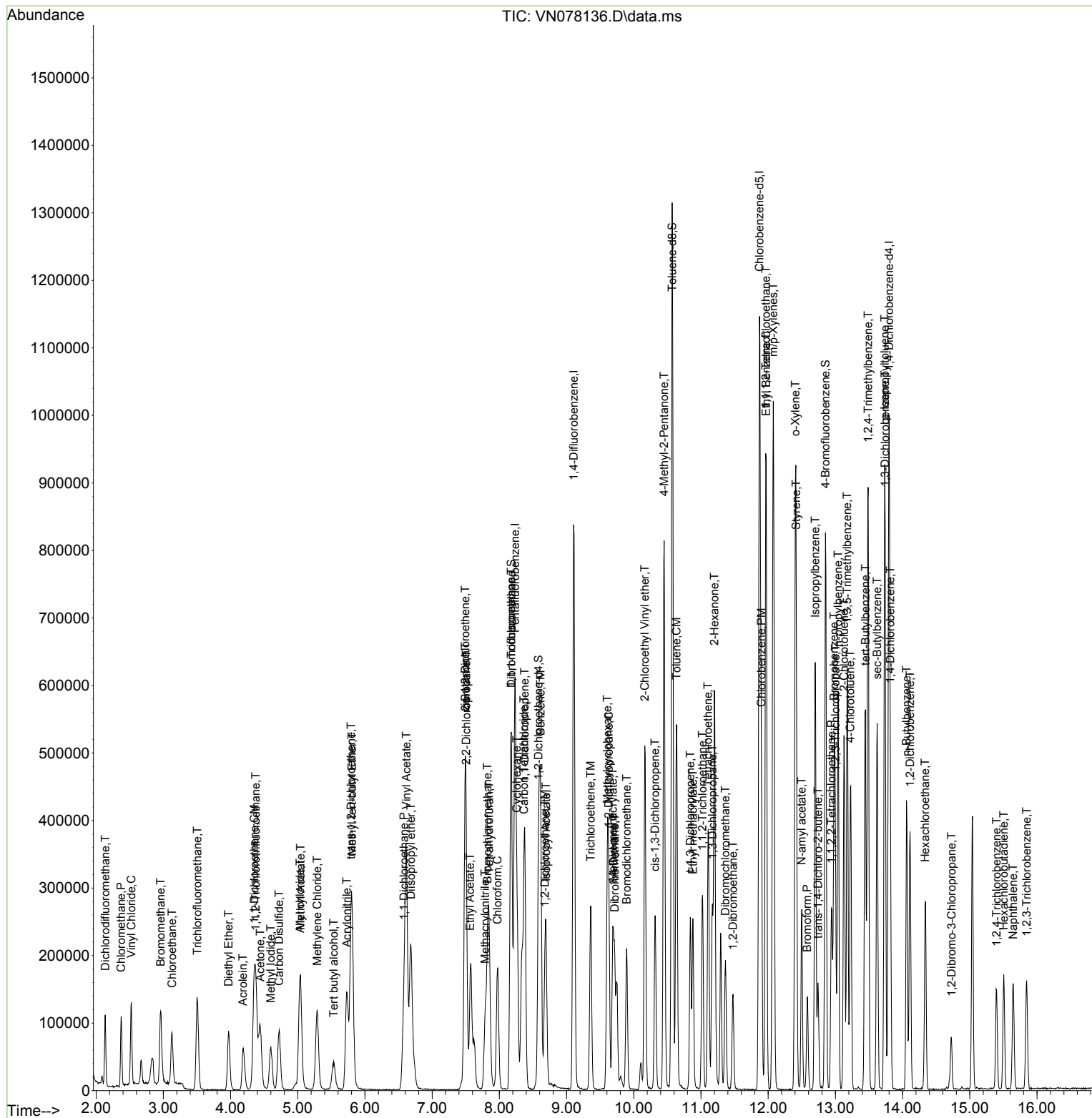
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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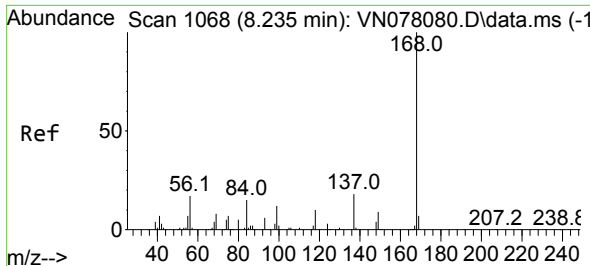
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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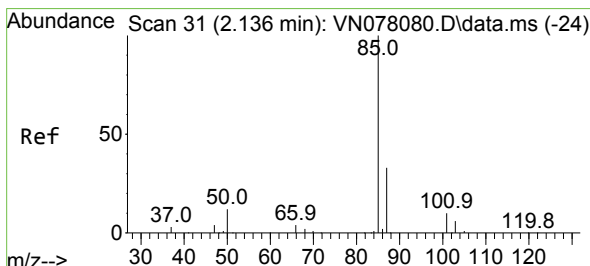
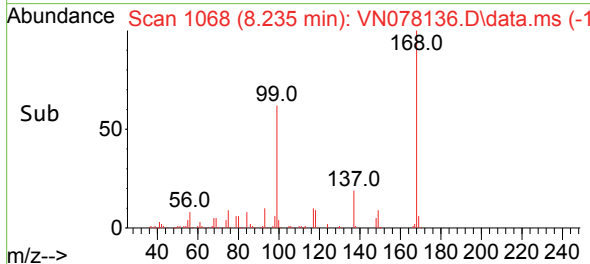
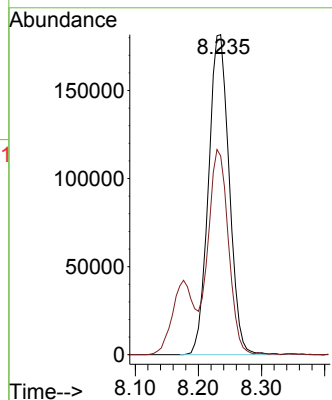
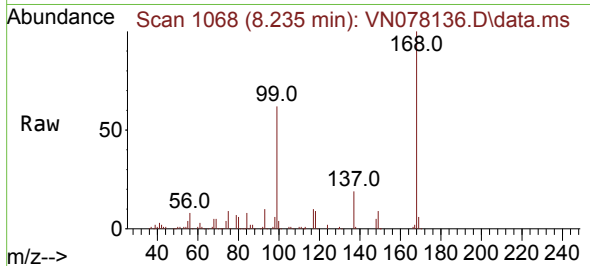




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
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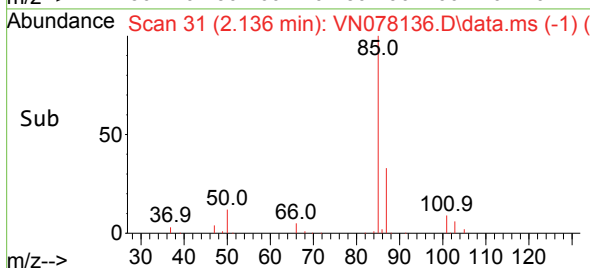
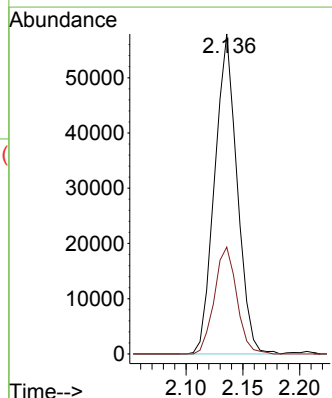
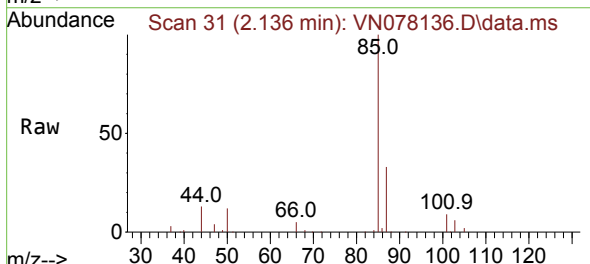
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

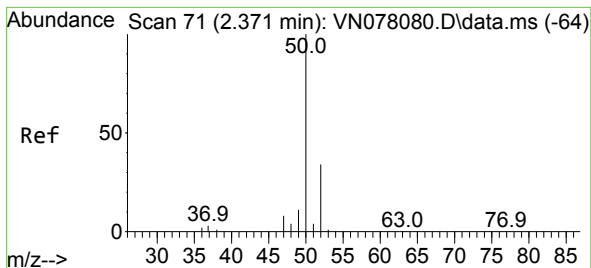
Tgt Ion:168 Resp: 413139
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 17.046 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 85 Resp: 79605
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3

Chloromethane

Concen: 19.835 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

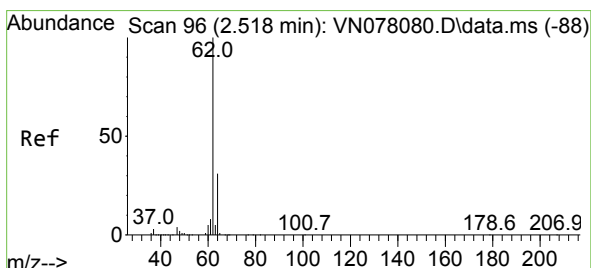
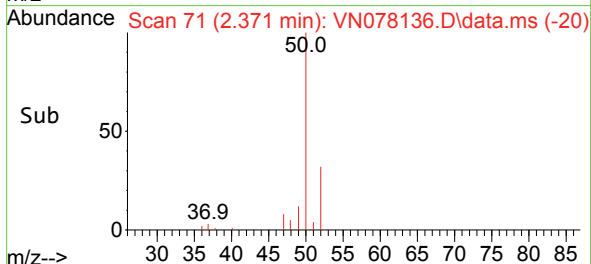
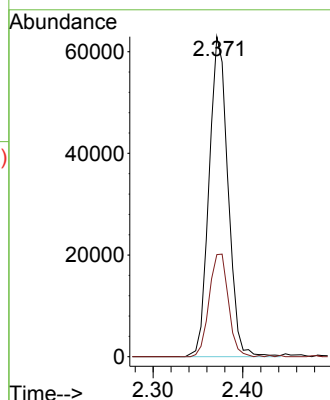
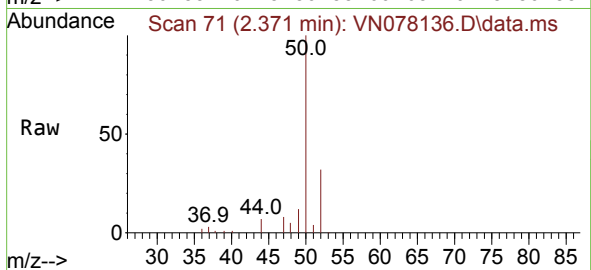
VN0609WBS01

Tgt Ion: 50 Resp: 91982

Ion Ratio Lower Upper

50 100

52 31.9 26.5 39.7



#4

Vinyl Chloride

Concen: 18.930 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078136.D

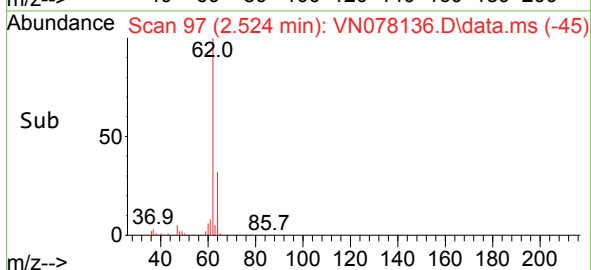
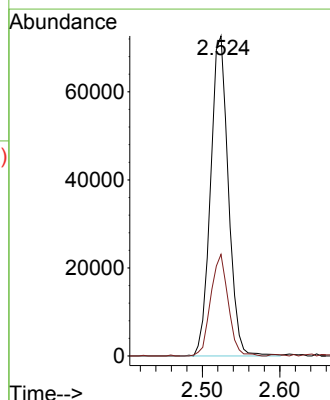
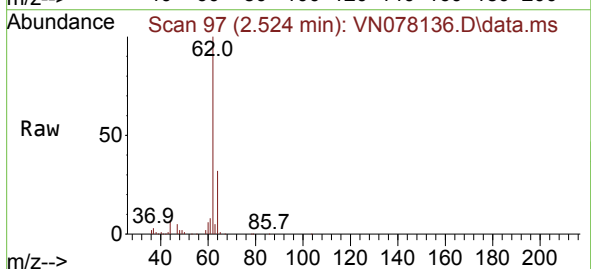
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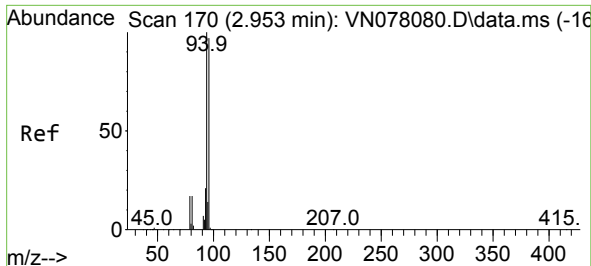
Tgt Ion: 62 Resp: 115761

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2

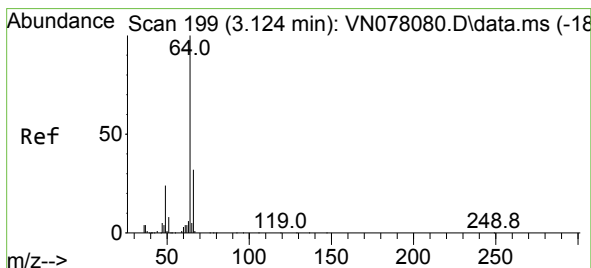
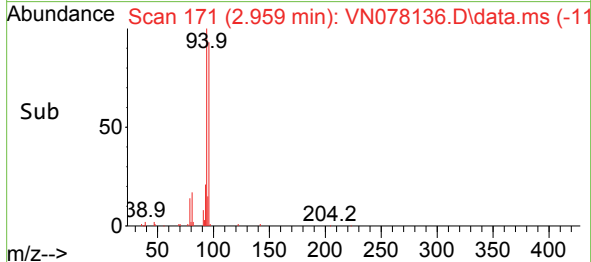
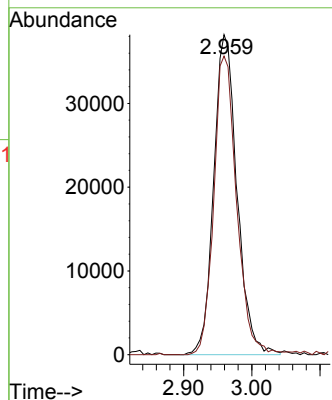
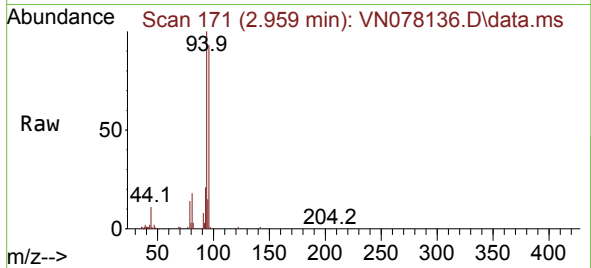




#5
Bromomethane
Concen: 19.669 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078136.D
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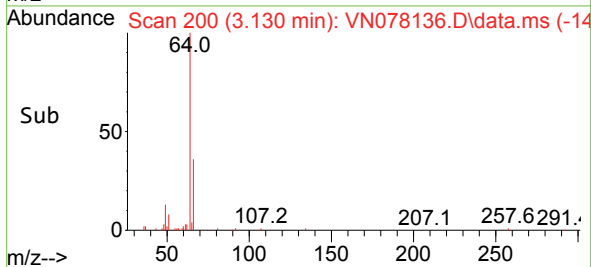
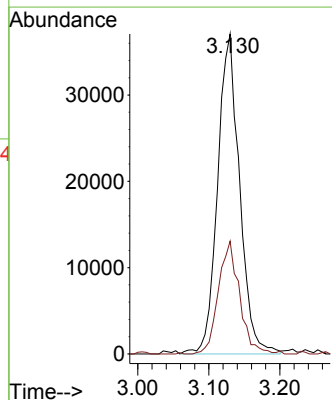
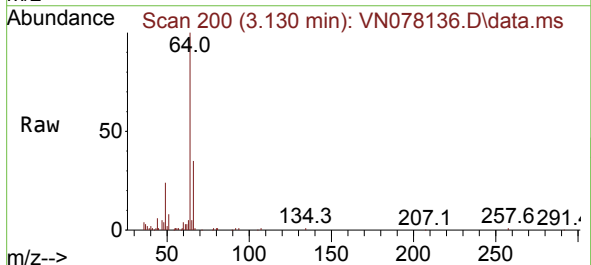
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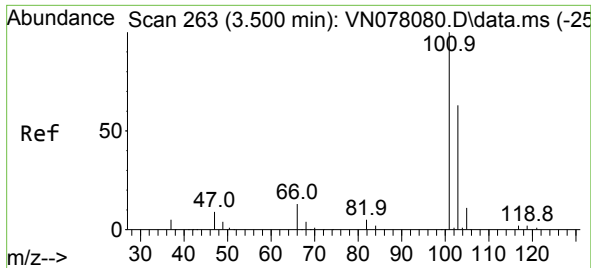
Tgt Ion: 94 Resp: 90899
Ion Ratio Lower Upper
94 100
96 93.3 73.1 109.7



#6
Chloroethane
Concen: 19.067 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 64 Resp: 79486
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.2

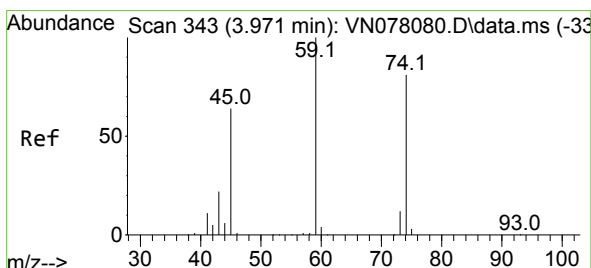
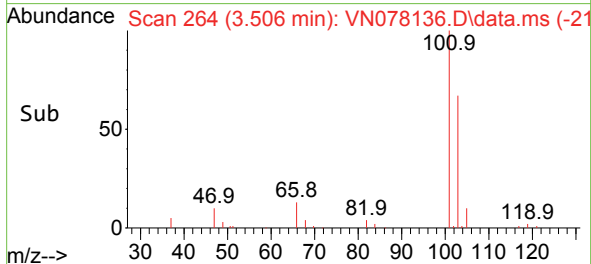
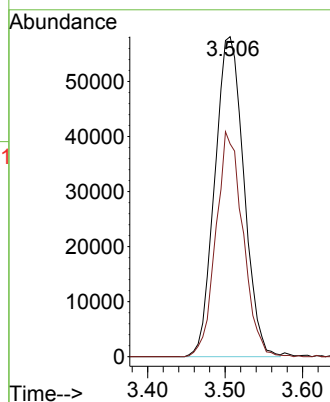
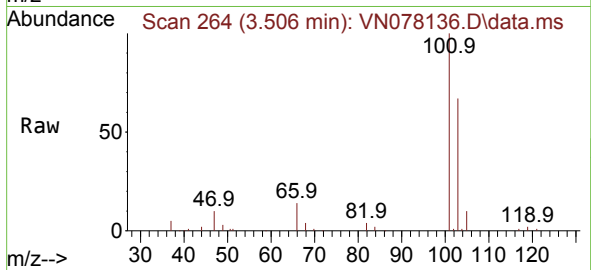




#7
 Trichlorofluoromethane
 Concen: 18.281 ug/l
 RT: 3.506 min Scan# 2
 Delta R.T. 0.006 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

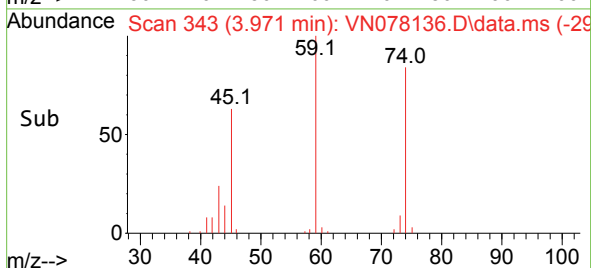
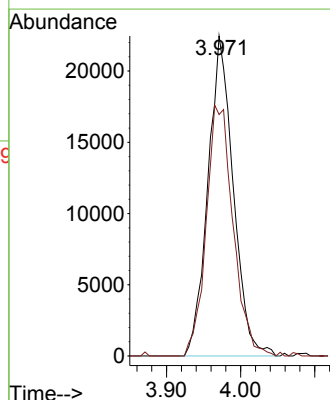
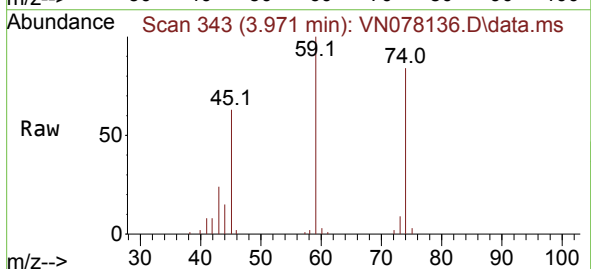
Instrument :
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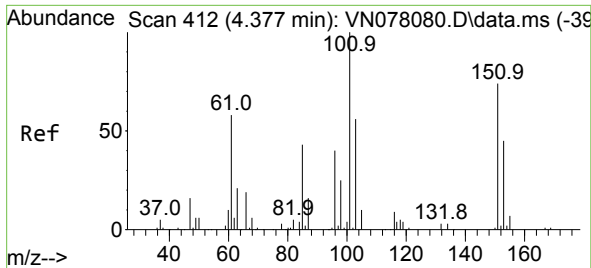
Tgt Ion:101 Resp: 151601
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.292 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

Tgt Ion: 74 Resp: 53299
 Ion Ratio Lower Upper
 74 100
 45 83.3 34.4 103.3

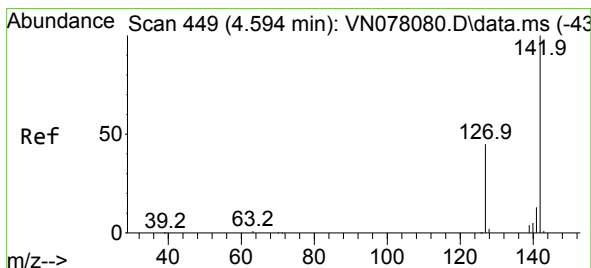
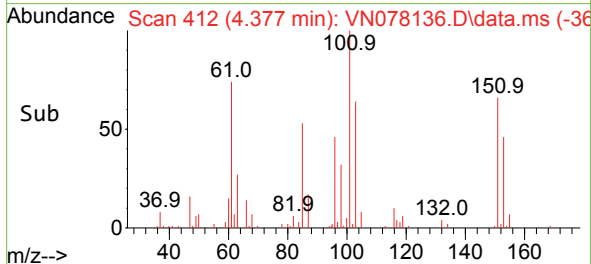
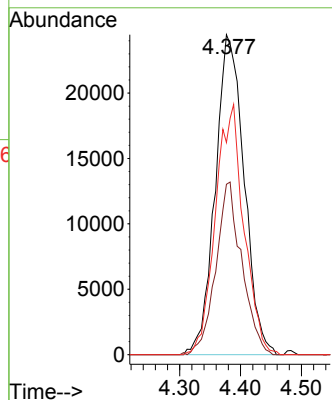
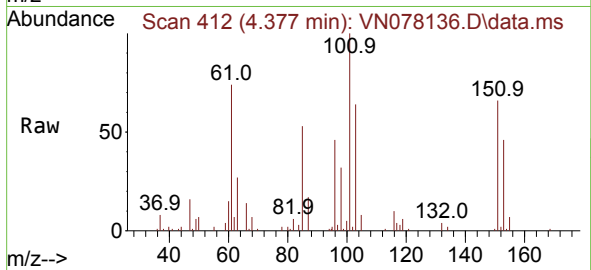




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.395 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

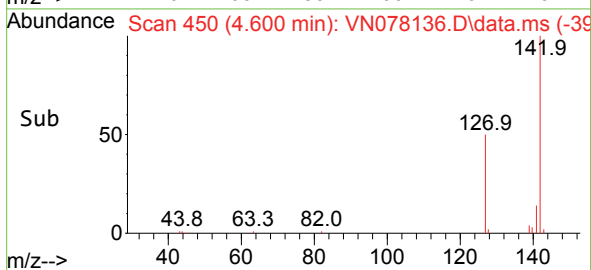
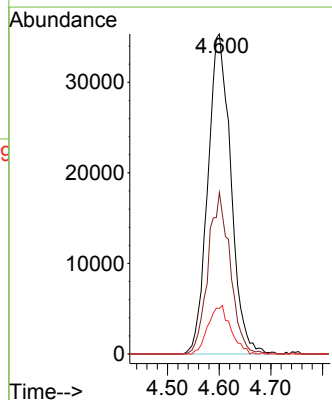
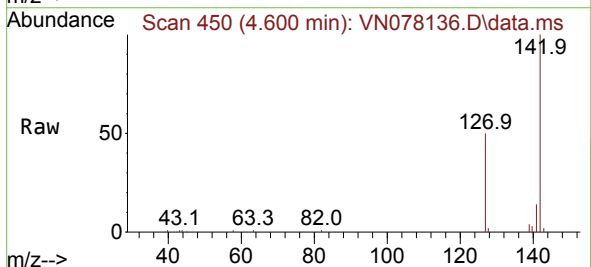
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

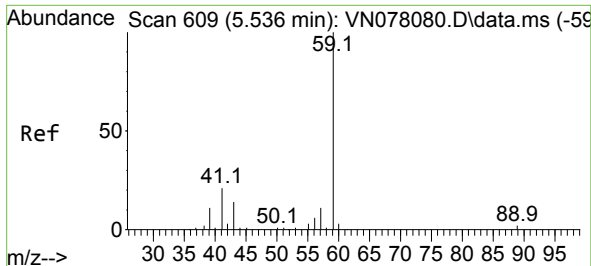
Tgt Ion:101 Resp: 80504
Ion Ratio Lower Upper
101 100
85 48.6 36.6 55.0
151 77.1 57.6 86.4



#10
Methyl Iodide
Concen: 17.680 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion:142 Resp: 109429
Ion Ratio Lower Upper
142 100
127 50.5 37.6 56.4
141 14.3 11.4 17.0

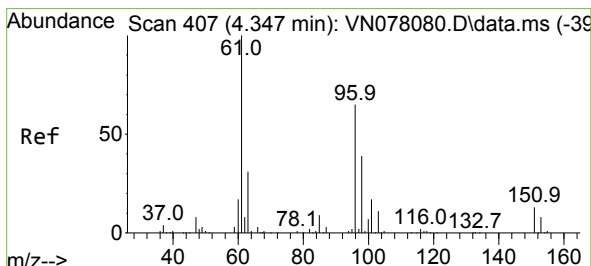
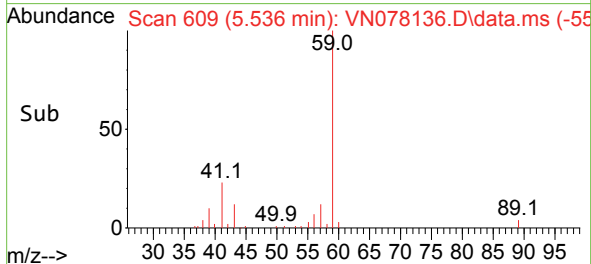
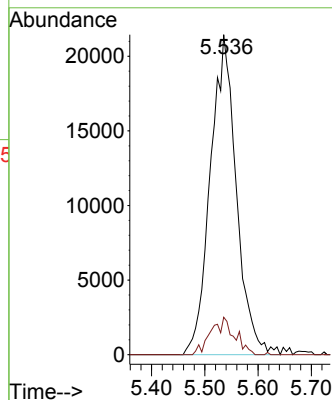
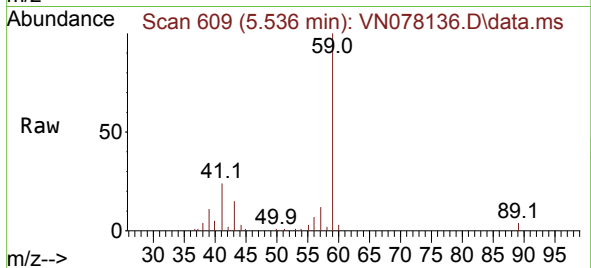




#11
Tert butyl alcohol
Concen: 95.754 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

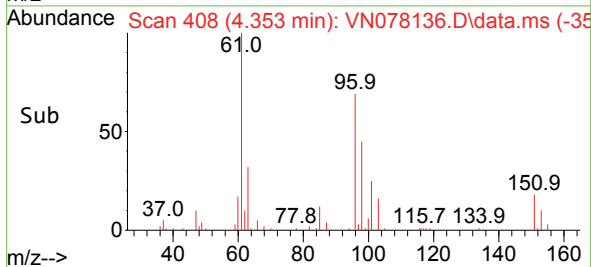
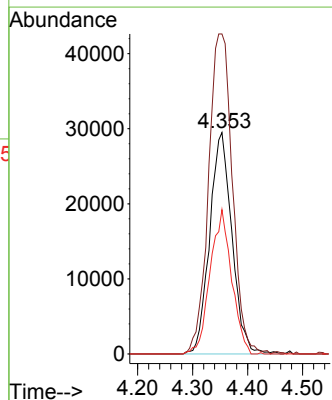
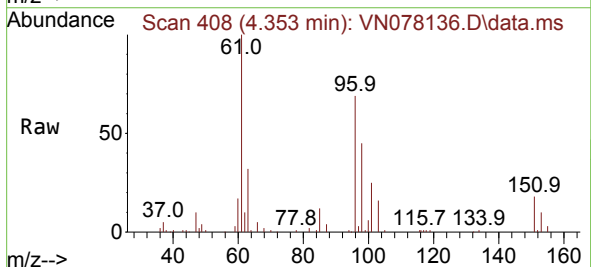
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

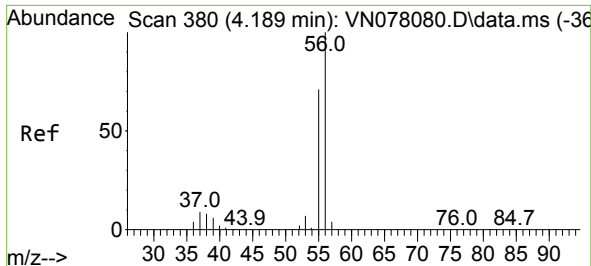
Tgt Ion: 59 Resp: 72830
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.405 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 96 Resp: 83034
Ion Ratio Lower Upper
96 100
61 144.4 112.7 169.1
98 65.2 51.2 76.8





#13

Acrolein

Concen: 95.259 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

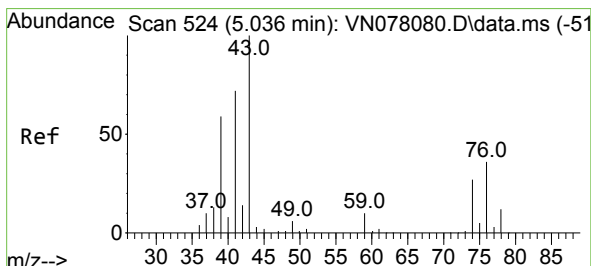
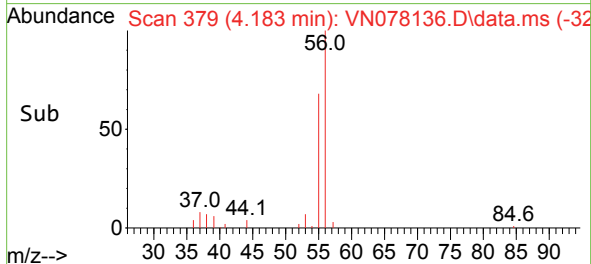
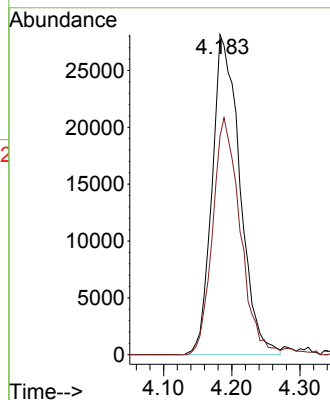
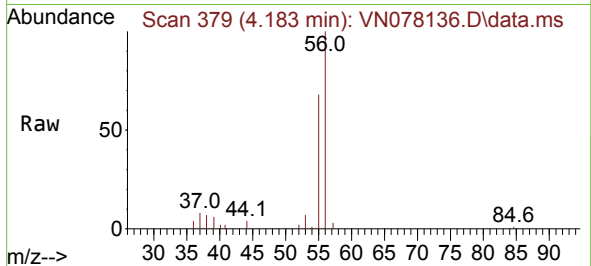
VN0609WBS01

Tgt Ion: 56 Resp: 79853

Ion Ratio Lower Upper

56 100

55 73.2 54.5 81.7



#14

Allyl chloride

Concen: 20.491 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

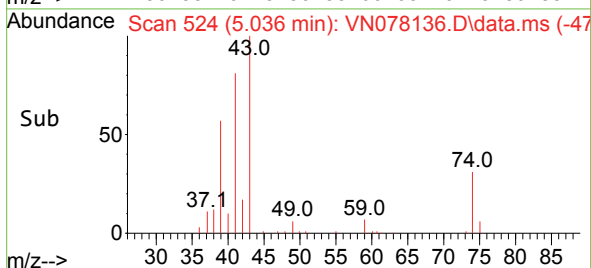
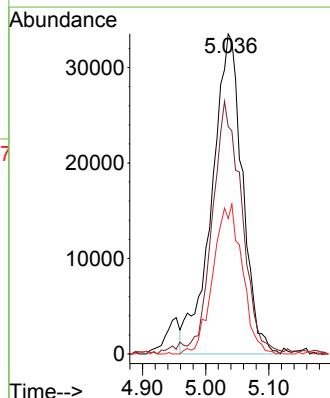
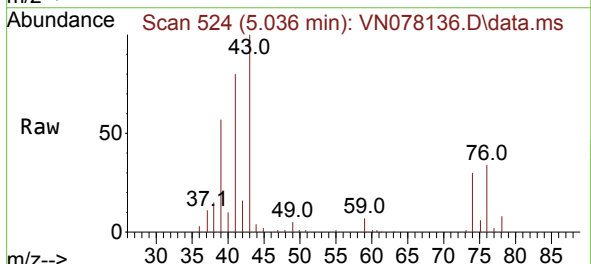
Tgt Ion: 41 Resp: 112847

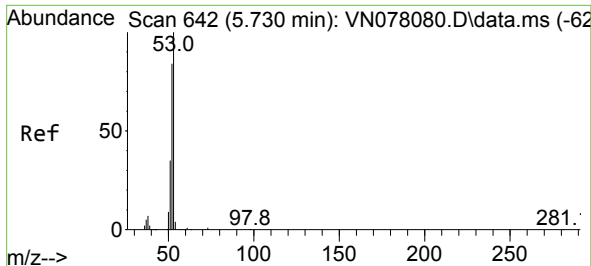
Ion Ratio Lower Upper

41 100

39 77.1 58.8 88.2

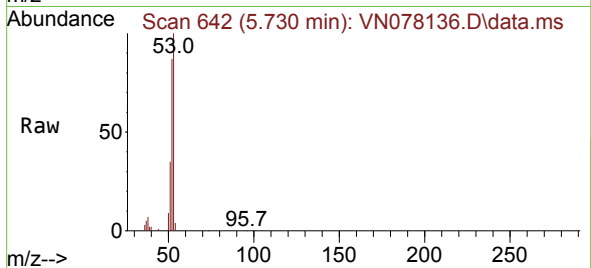
76 44.6 39.1 58.7



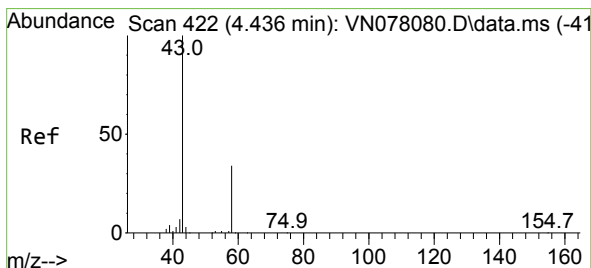
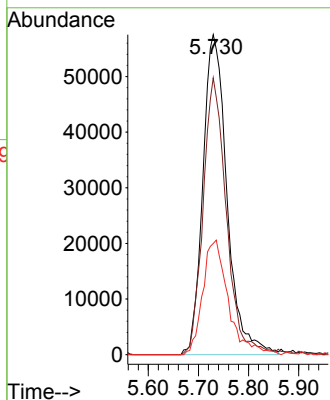
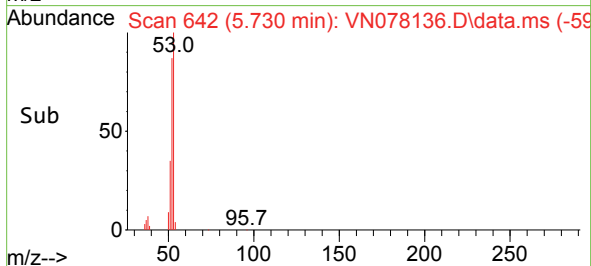


#15
Acrylonitrile
Concen: 98.129 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

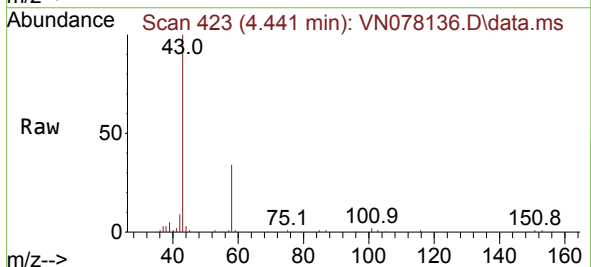
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01



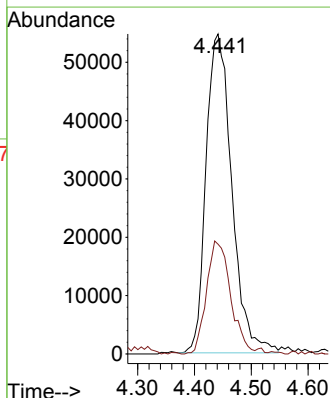
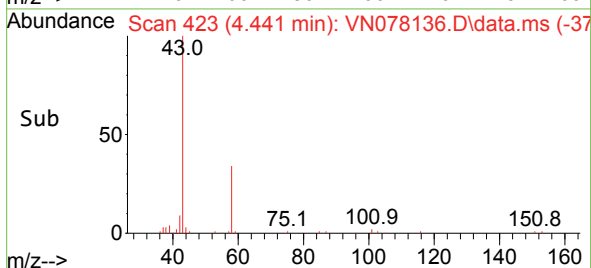
Tgt Ion: 53 Resp: 192425
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 37.9 28.9 43.3

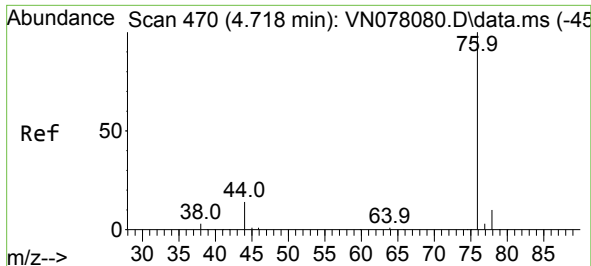


#16
Acetone
Concen: 108.406 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50



Tgt Ion: 43 Resp: 171880
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0

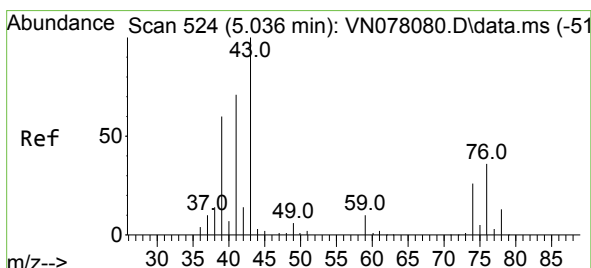
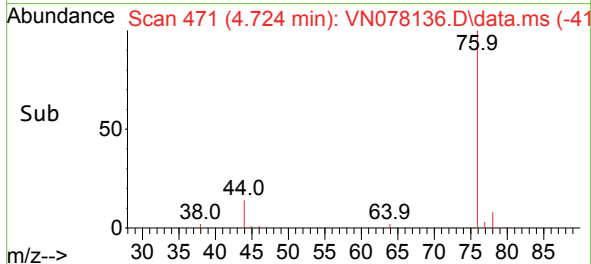
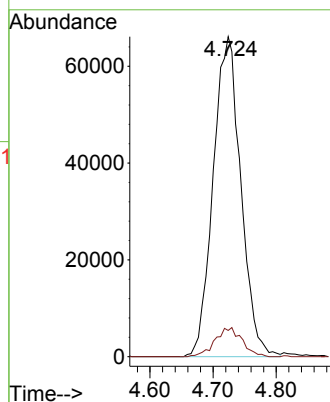
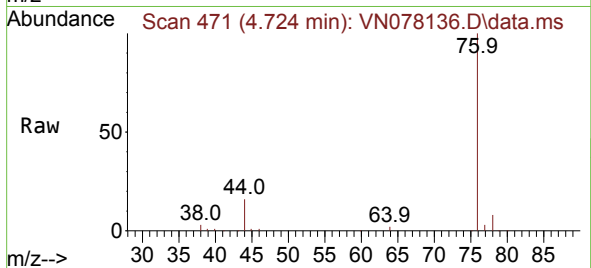




#17
Carbon Disulfide
Concen: 17.298 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

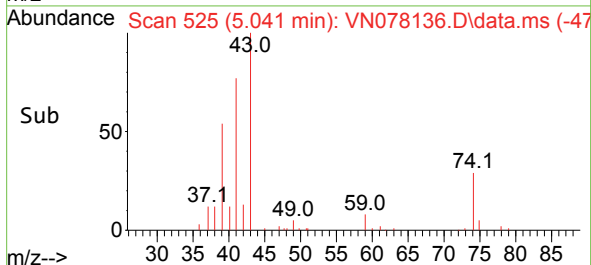
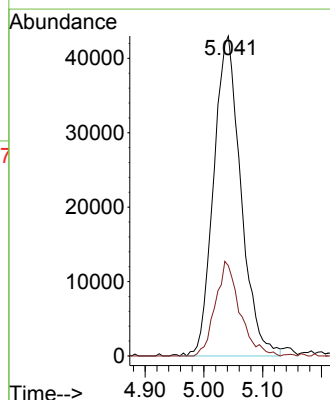
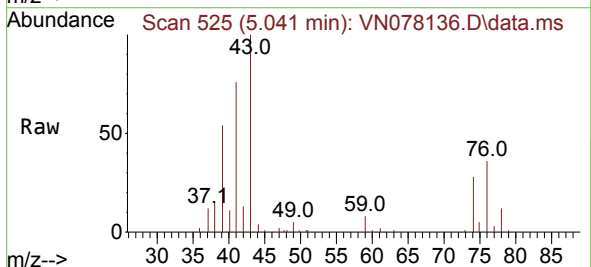
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

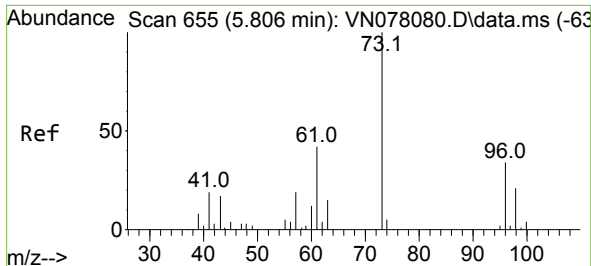
Tgt Ion: 76 Resp: 200872
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 18.942 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 43 Resp: 138272
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4

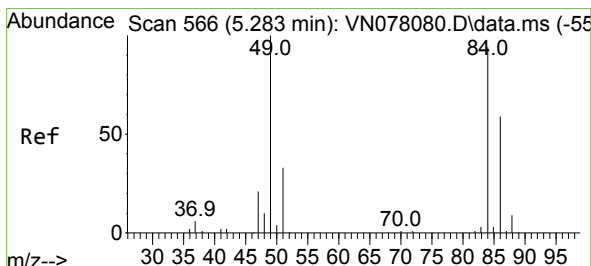
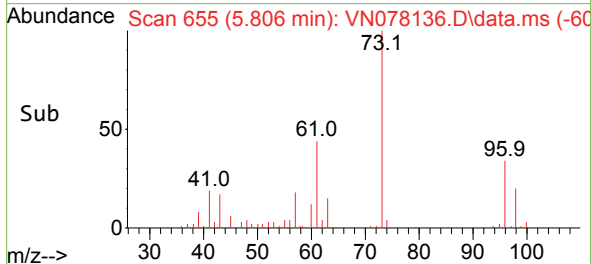
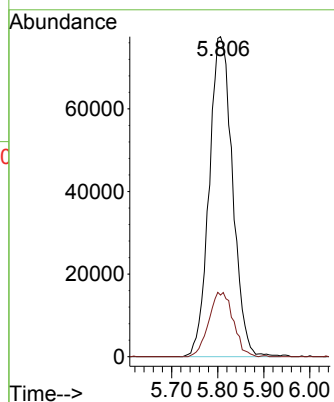
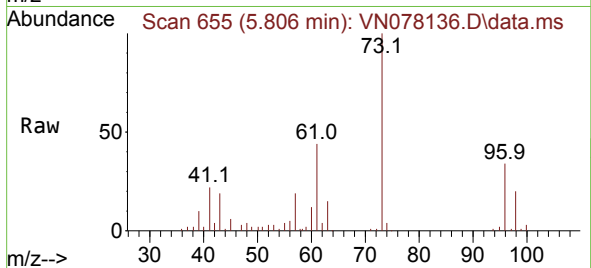




#19
Methyl tert-butyl Ether
Concen: 18.990 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

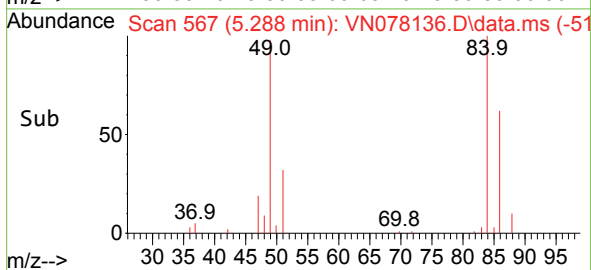
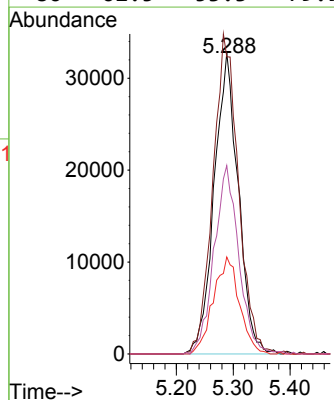
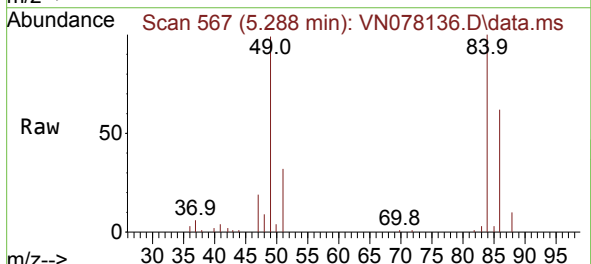
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

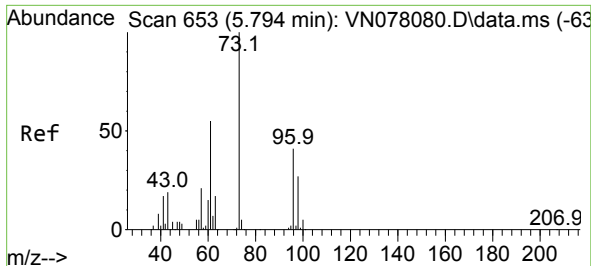
Tgt Ion: 73 Resp: 273340
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4



#20
Methylene Chloride
Concen: 18.414 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 84 Resp: 96479
Ion Ratio Lower Upper
84 100
49 98.6 79.7 119.5
51 32.2 25.2 37.8
86 62.5 53.3 79.9

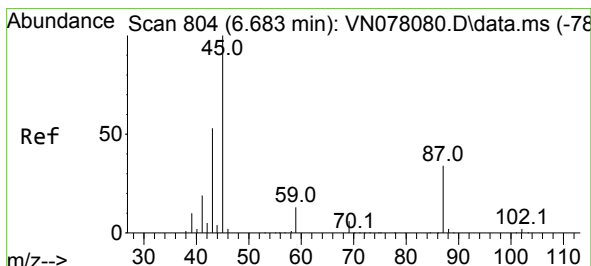
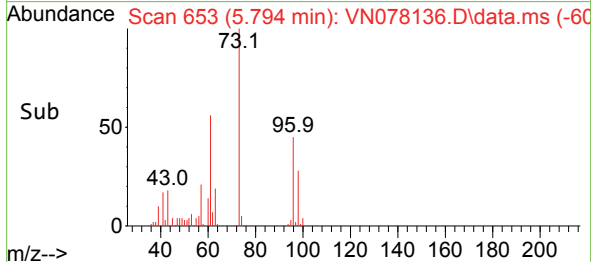
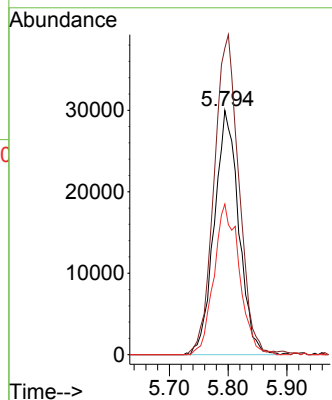
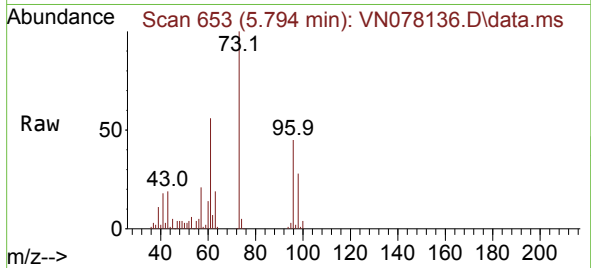




#21
trans-1,2-Dichloroethene
Concen: 17.821 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

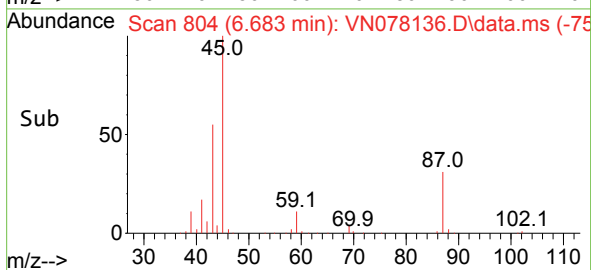
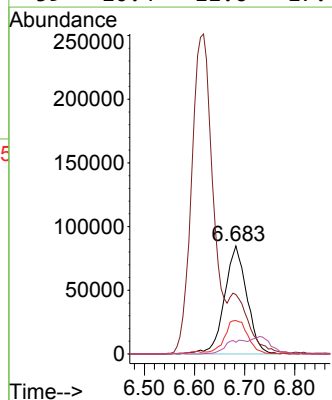
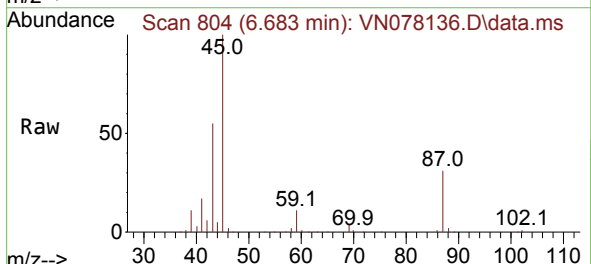
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

Tgt Ion: 96 Resp: 86716
Ion Ratio Lower Upper
96 100
61 125.5 90.1 135.1
98 61.7 46.4 69.6



#22
Diisopropyl ether
Concen: 20.239 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 45 Resp: 262176
Ion Ratio Lower Upper
45 100
43 53.2 45.5 68.3
87 30.8 31.8 47.8#
59 10.4 11.6 17.4#

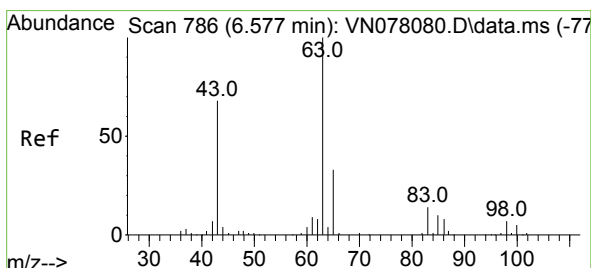
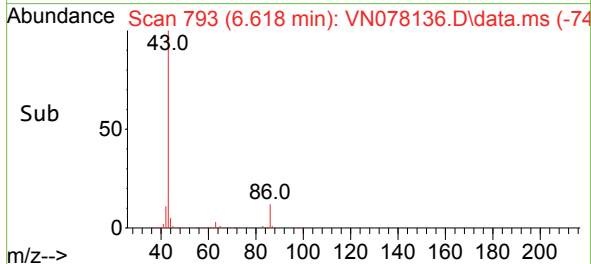
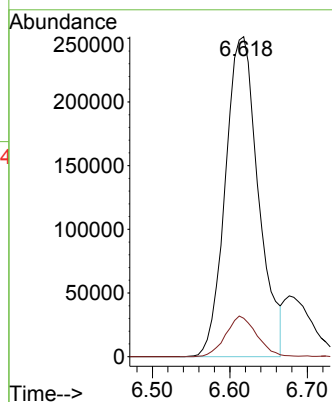
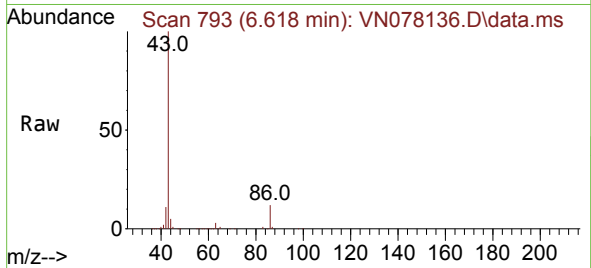




#23
 Vinyl Acetate
 Concen: 96.907 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

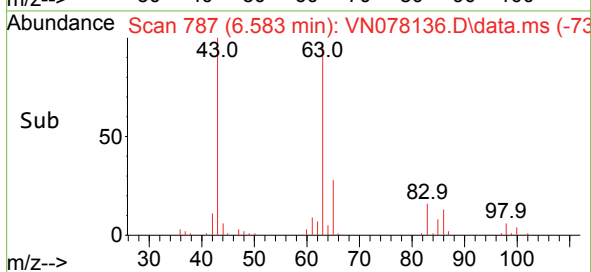
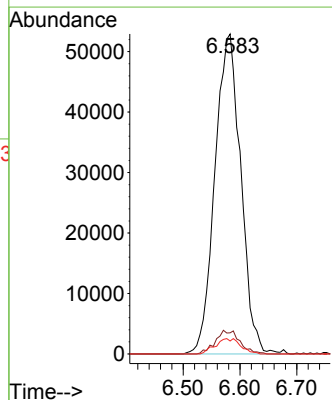
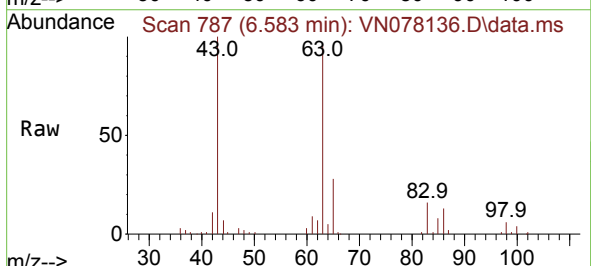
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

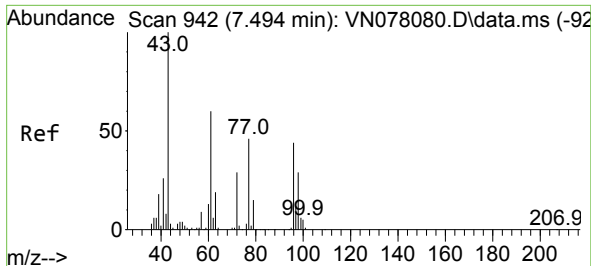
Tgt Ion: 43 Resp: 746236
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.565 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

Tgt Ion: 63 Resp: 167195
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.1 2.5 7.4

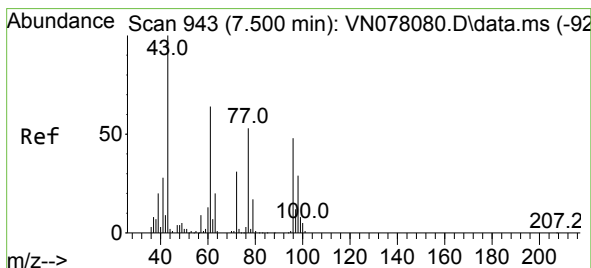
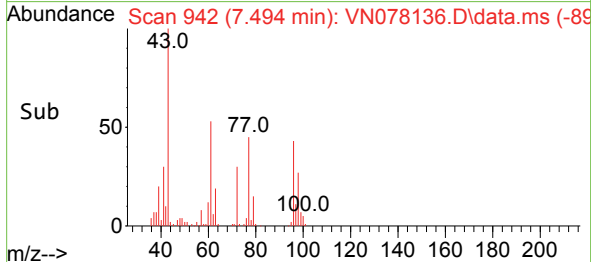
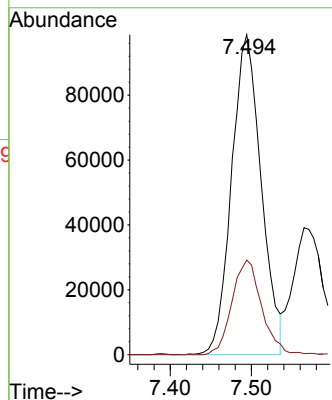
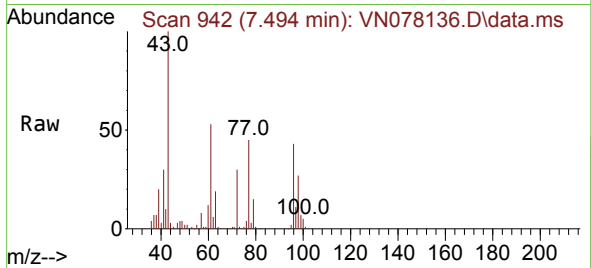




#25
2-Butanone
Concen: 102.419 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

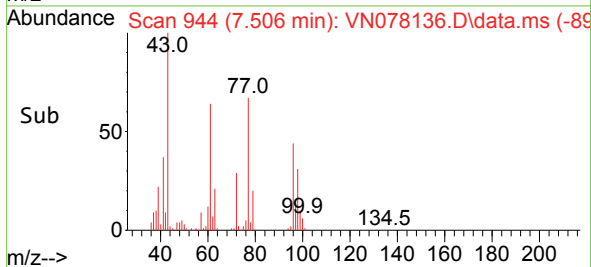
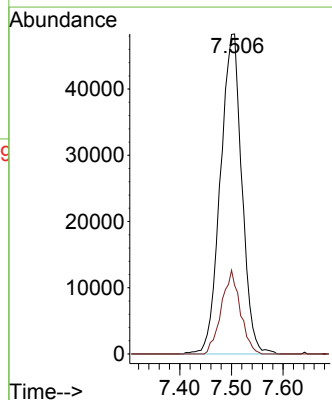
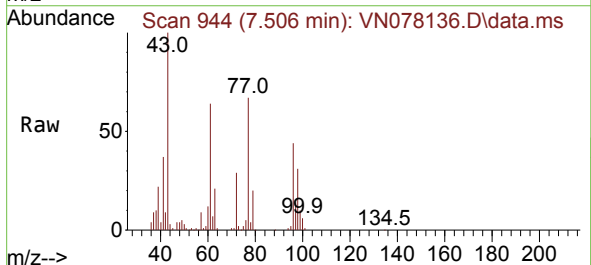
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

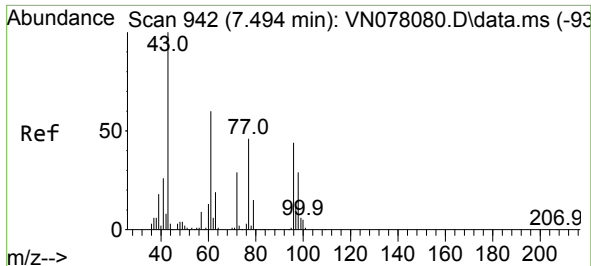
Tgt Ion: 43 Resp: 249716
Ion Ratio Lower Upper
43 100
72 29.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 22.071 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 77 Resp: 139265
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6

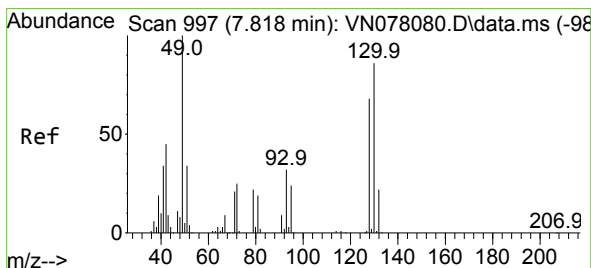
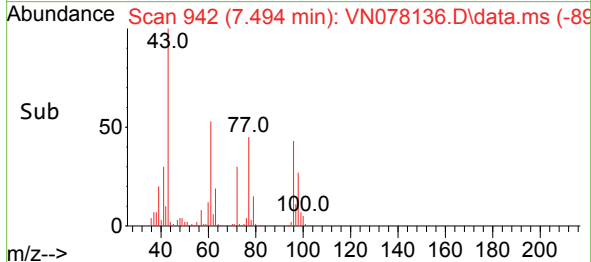
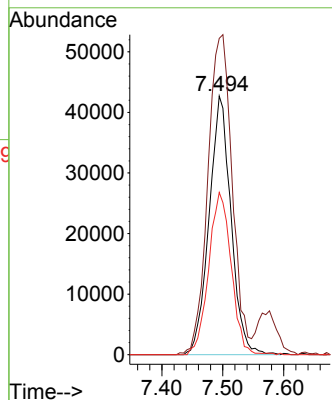
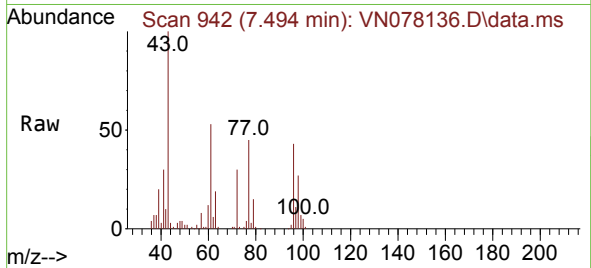




#27
 cis-1,2-Dichloroethene
 Concen: 18.379 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

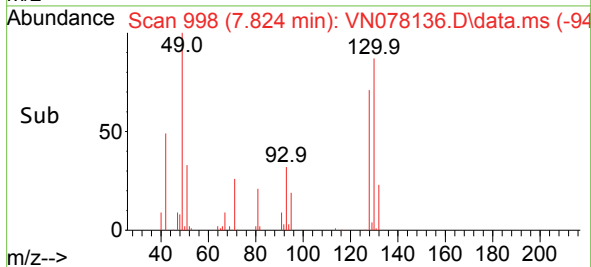
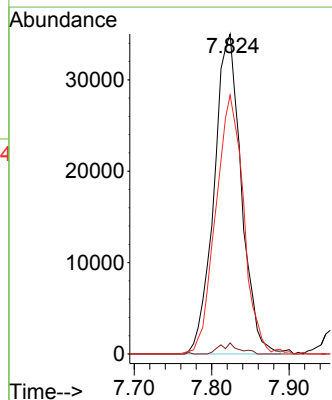
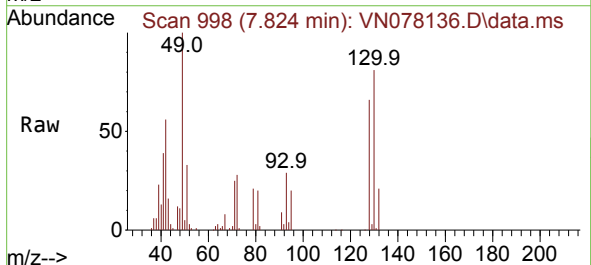
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

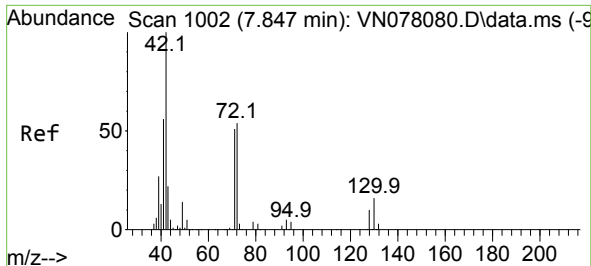
Tgt Ion: 96 Resp: 106676
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 255.2
 98 64.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.793 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

Tgt Ion: 49 Resp: 85508
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 83.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 95.349 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

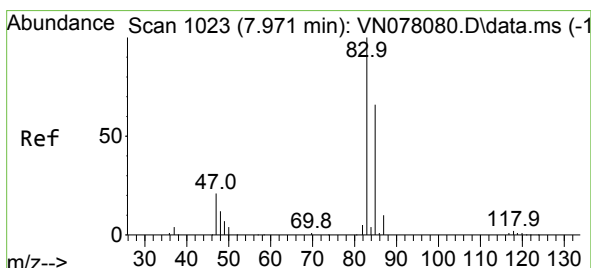
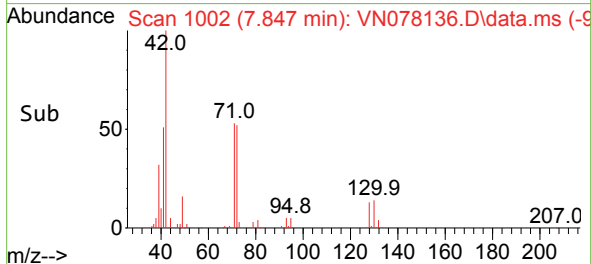
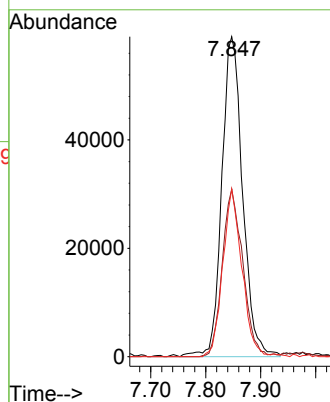
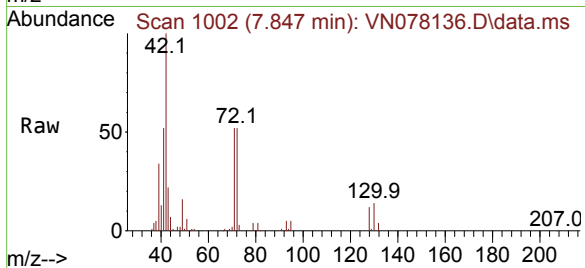
Tgt Ion: 42 Resp: 155414

Ion Ratio Lower Upper

42 100

72 51.6 49.8 74.6

71 48.0 47.4 71.2



#30

Chloroform

Concen: 19.665 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078136.D

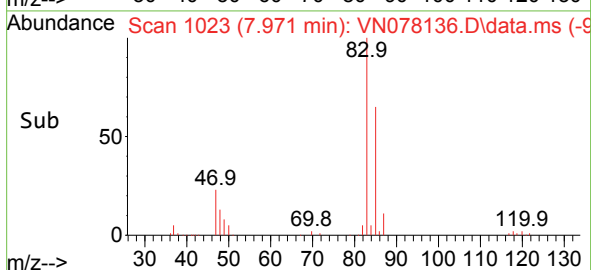
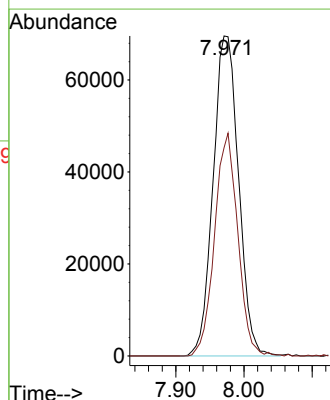
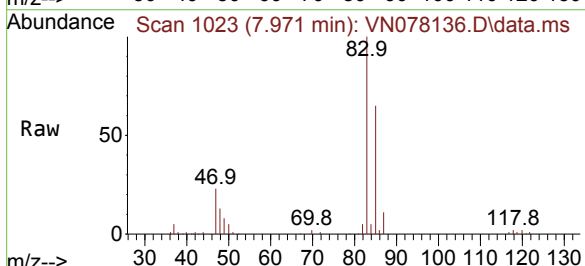
Acq: 09 Jun 2023 10:50

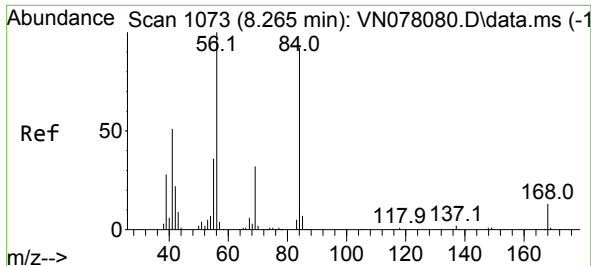
Tgt Ion: 83 Resp: 180957

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0

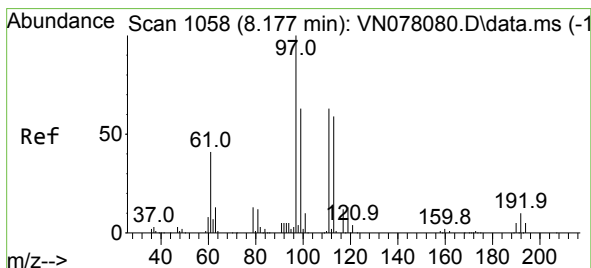
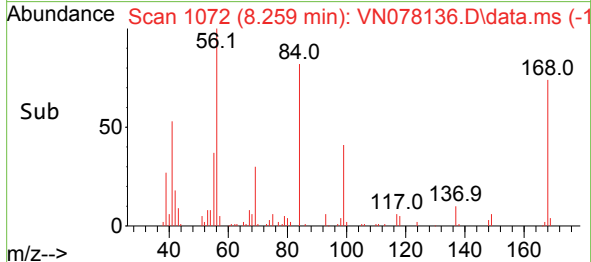
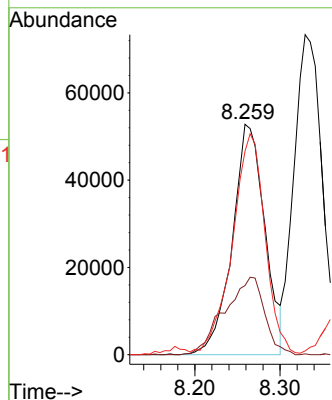
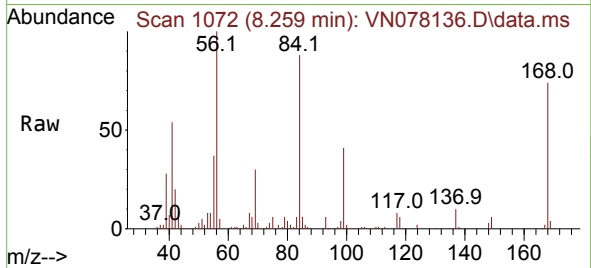




#31
Cyclohexane
Concen: 19.848 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

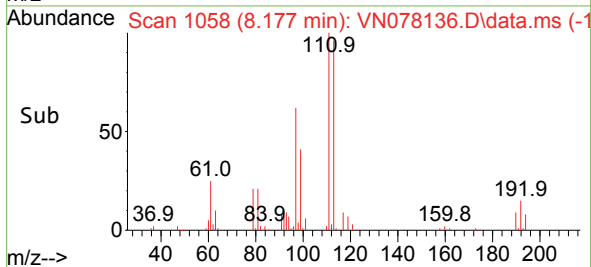
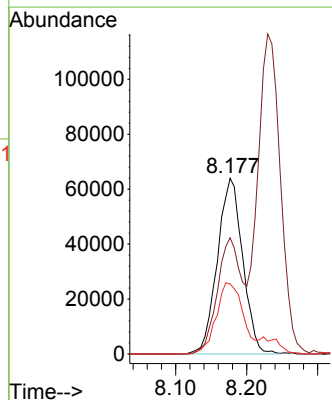
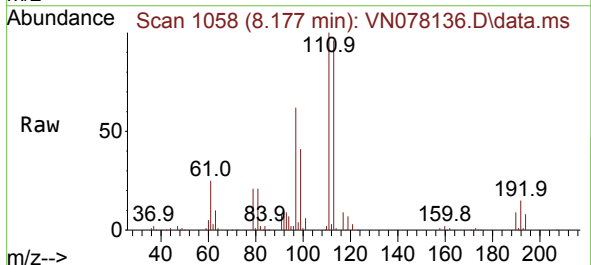
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

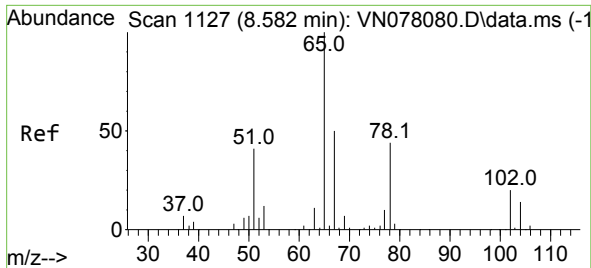
Tgt Ion: 56 Resp: 140246
Ion Ratio Lower Upper
56 100
69 29.6 26.8 40.2
84 85.6 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.570 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 97 Resp: 158100
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 43.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.114 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

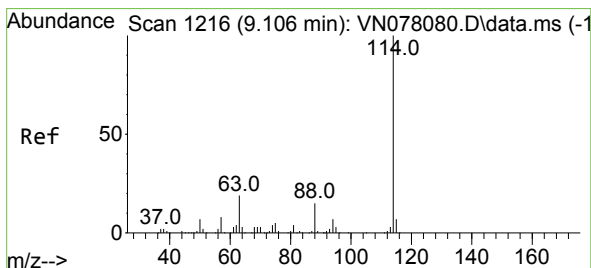
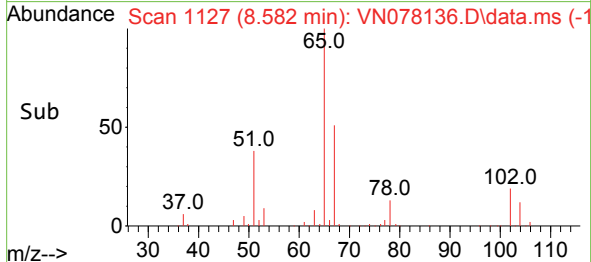
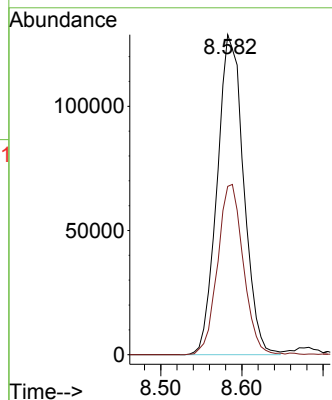
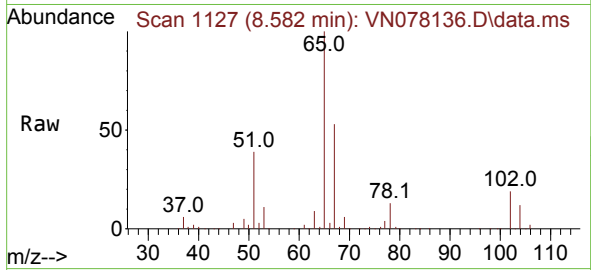
VN0609WBS01

Tgt Ion: 65 Resp: 292575

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

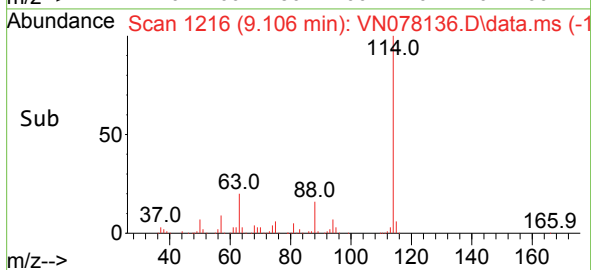
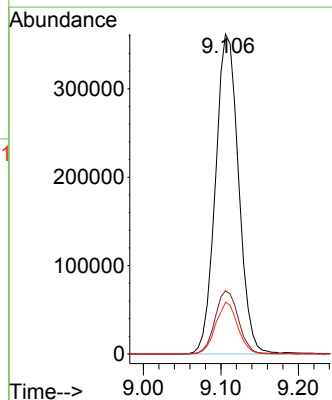
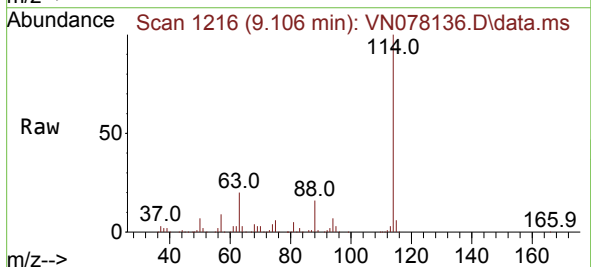
Tgt Ion: 114 Resp: 749043

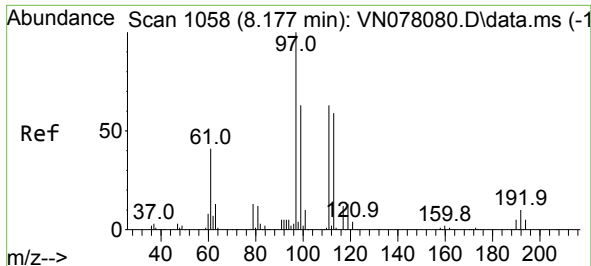
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 16.2 0.0 30.6

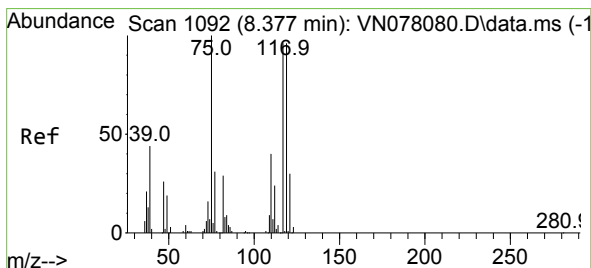
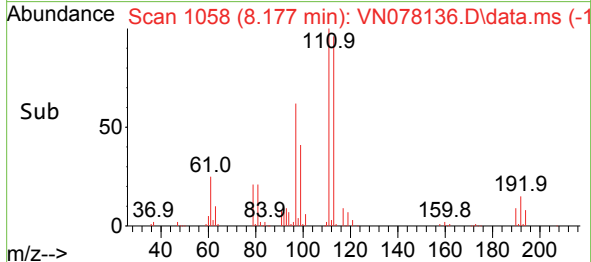
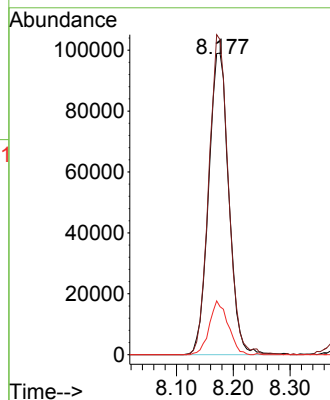
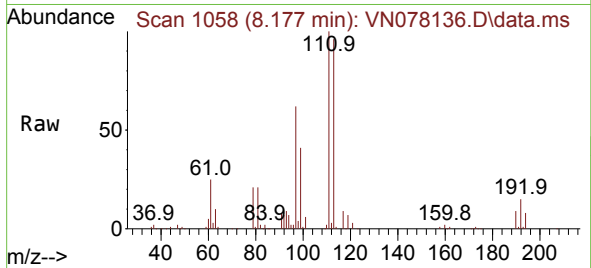




#35
Dibromofluoromethane
Concen: 51.612 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

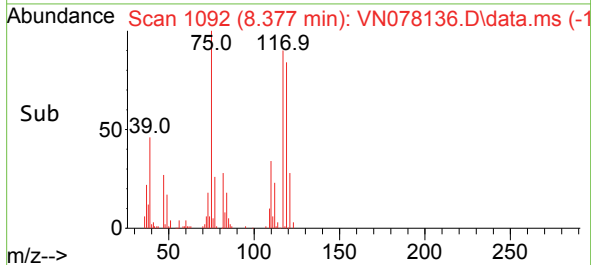
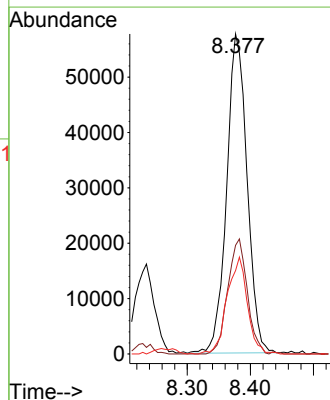
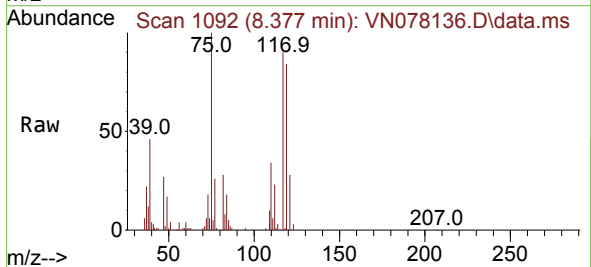
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

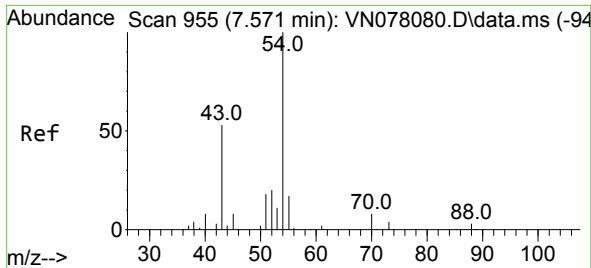
Tgt Ion:113 Resp: 244440
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 16.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.096 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 75 Resp: 129725
Ion Ratio Lower Upper
75 100
110 34.6 19.1 57.3
77 30.1 25.0 37.4

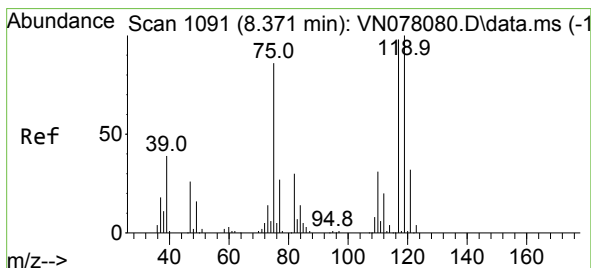
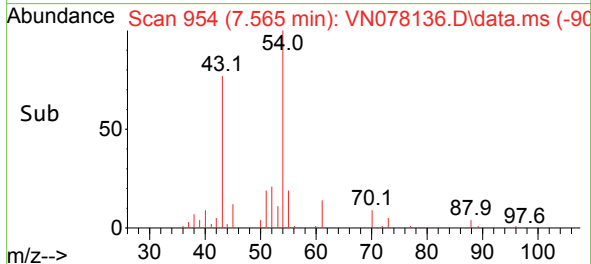
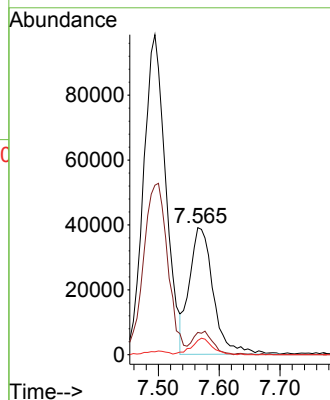
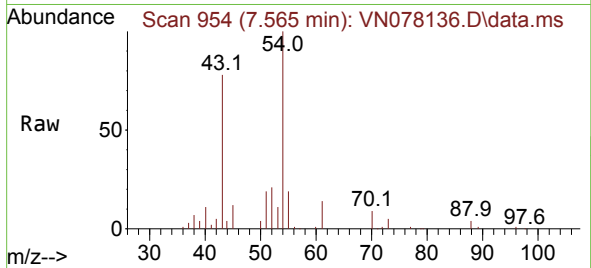




#37
Ethyl Acetate
Concen: 20.139 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

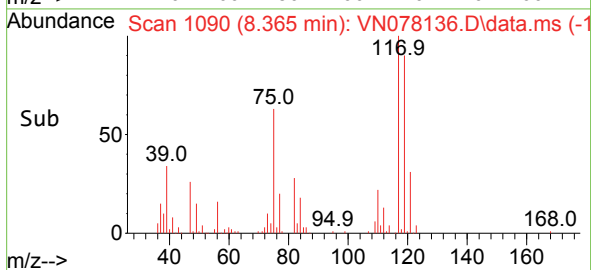
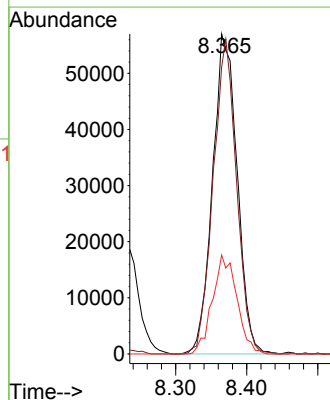
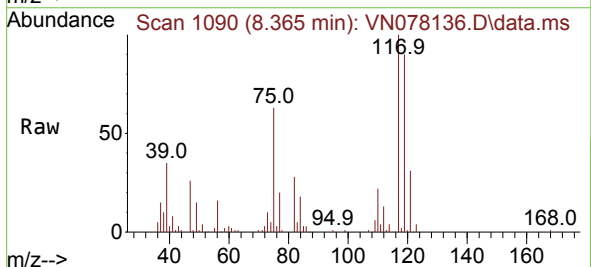
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

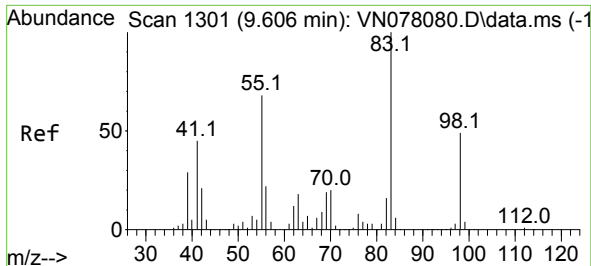
Tgt Ion: 43 Resp: 106877
Ion Ratio Lower Upper
43 100
61 15.0 13.2 19.8
70 11.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 19.109 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 117 Resp: 137074
Ion Ratio Lower Upper
117 100
119 89.7 77.3 115.9
121 30.9 23.3 34.9





#39

Methylcyclohexane

Concen: 18.219 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

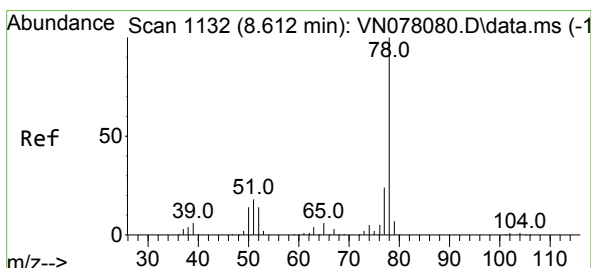
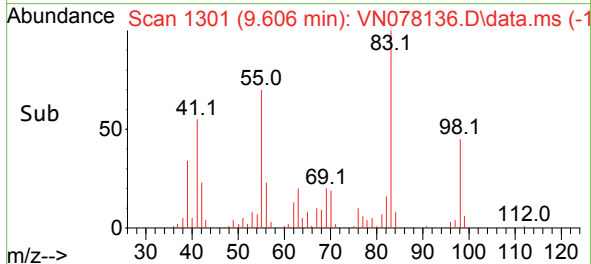
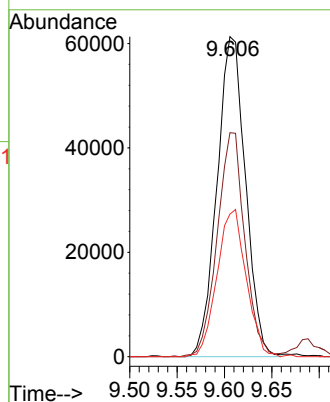
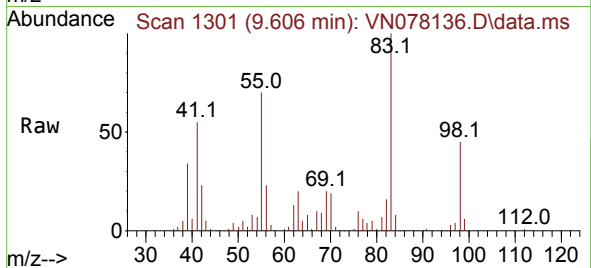
Tgt Ion: 83 Resp: 128262

Ion Ratio Lower Upper

83 100

55 70.0 49.1 73.7

98 44.5 40.6 61.0



#40

Benzene

Concen: 19.468 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078136.D

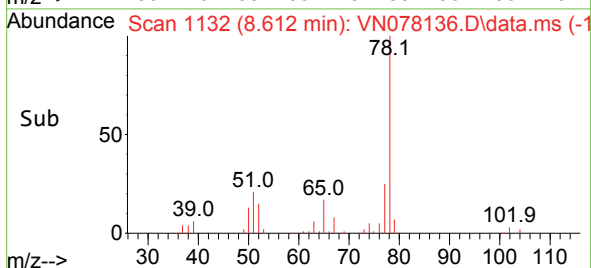
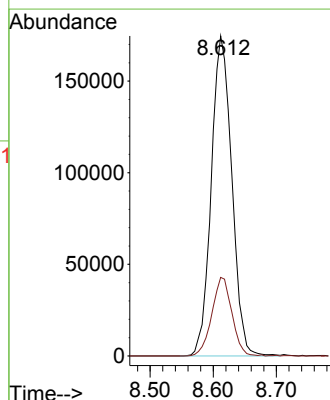
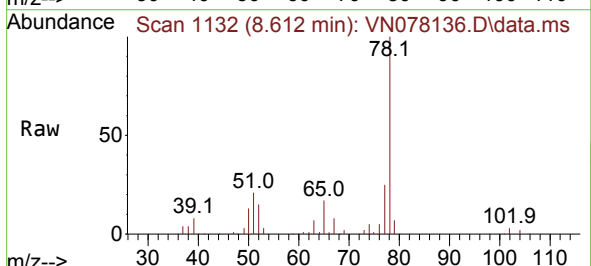
Acq: 09 Jun 2023 10:50

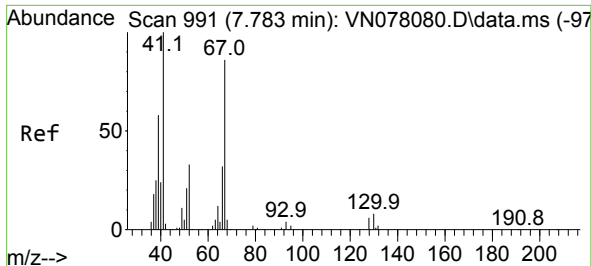
Tgt Ion: 78 Resp: 394834

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

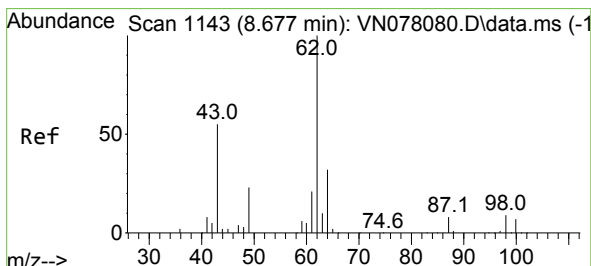
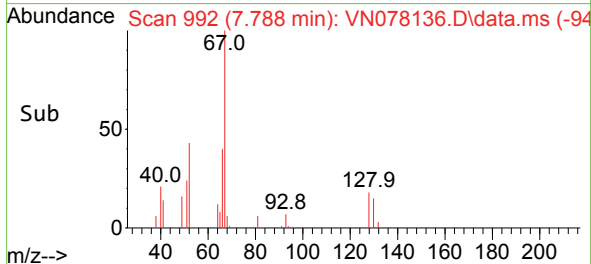
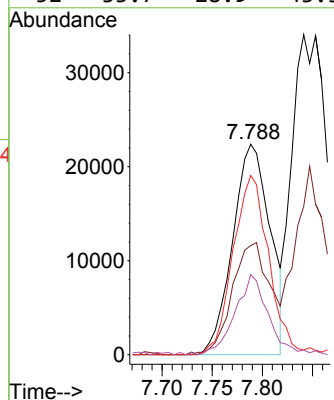
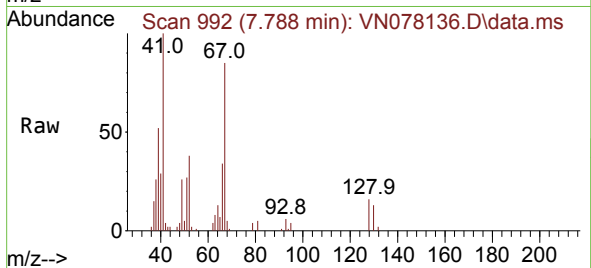




#41
Methacrylonitrile
Concen: 20.219 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

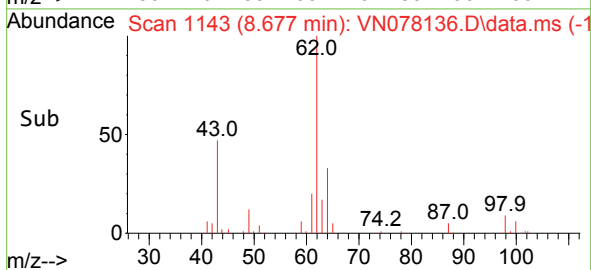
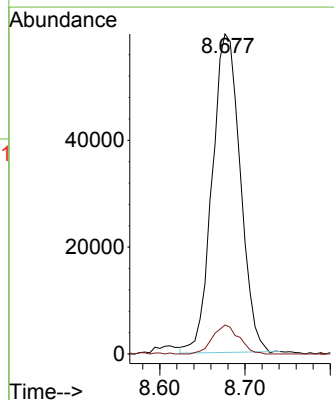
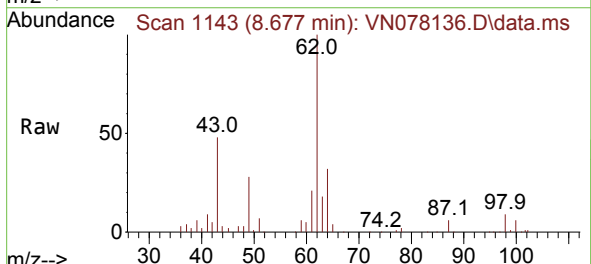
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

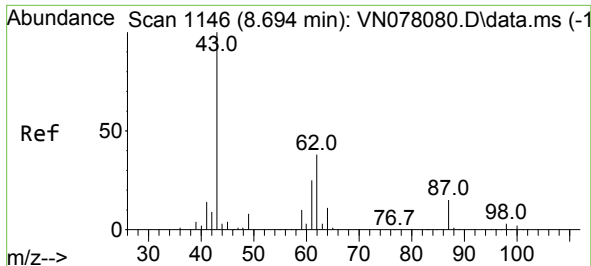
Tgt Ion:	41	Resp:	58160
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.6	64.0
67	81.7	77.5	116.3
52	33.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.595 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion:	62	Resp:	136256
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.8

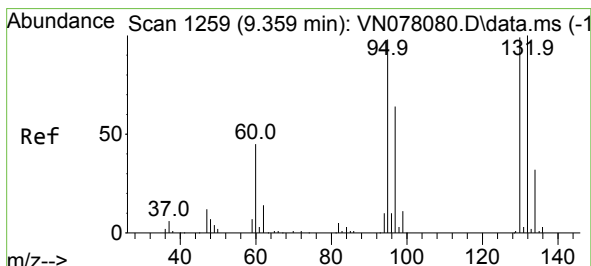
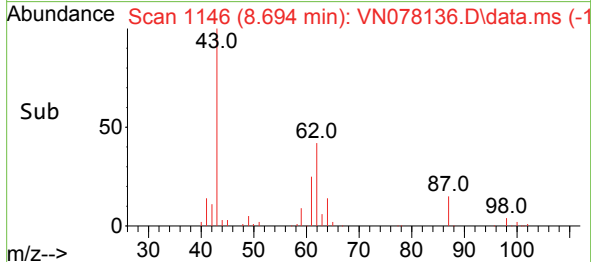
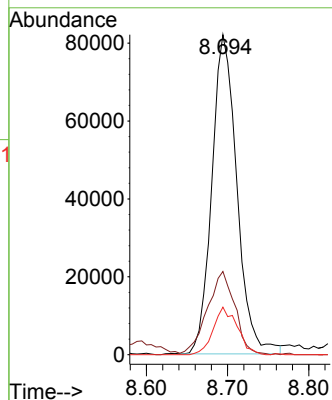
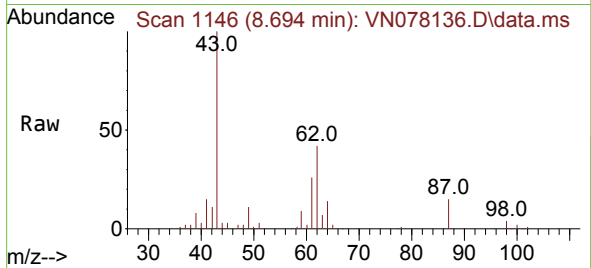




#43
Isopropyl Acetate
Concen: 17.359 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

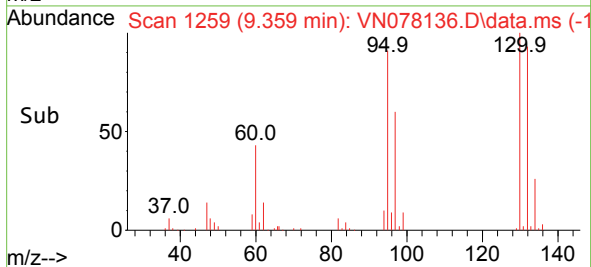
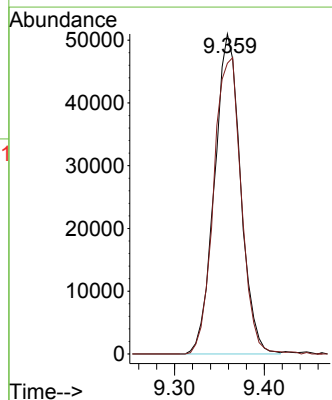
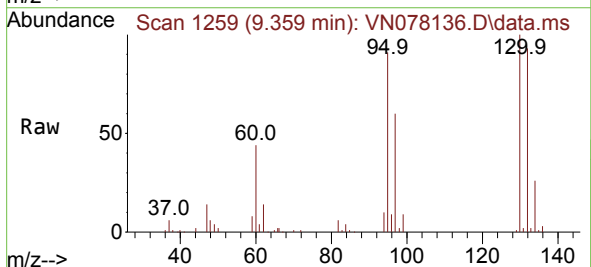
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

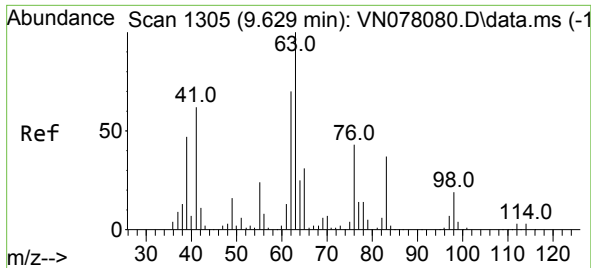
Tgt Ion: 43 Resp: 176181
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 14.3 14.6 21.8#



#44
Trichloroethene
Concen: 19.203 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion:130 Resp: 102853
Ion Ratio Lower Upper
130 100
95 90.8 0.0 204.6

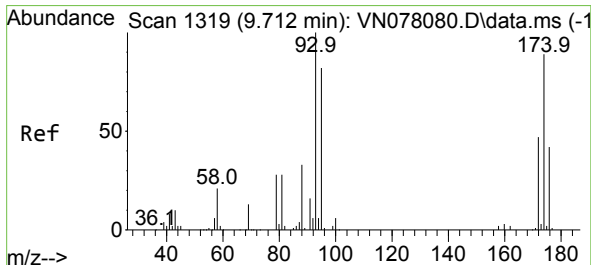
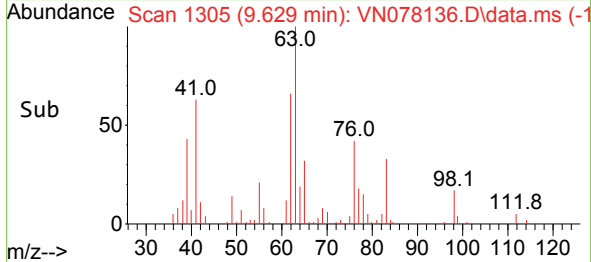
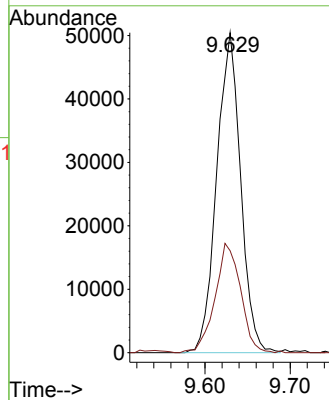
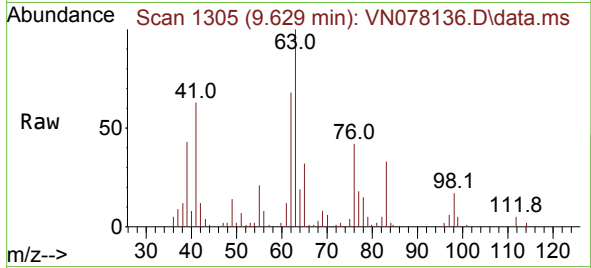




#45
1,2-Dichloropropane
Concen: 19.474 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

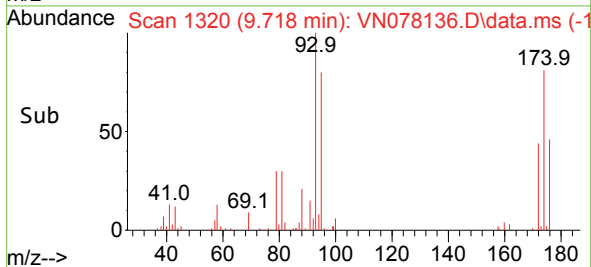
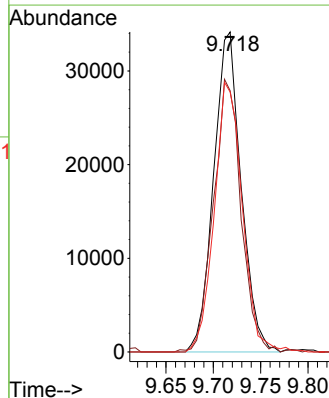
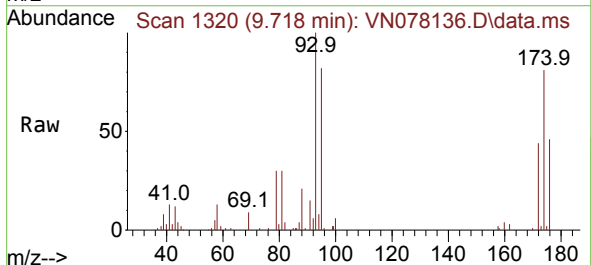
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

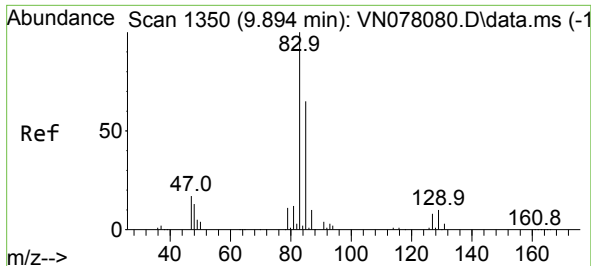
Tgt Ion: 63 Resp: 98267
Ion Ratio Lower Upper
63 100
65 31.8 23.9 35.9



#46
Dibromomethane
Concen: 18.551 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 93 Resp: 68947
Ion Ratio Lower Upper
93 100
95 85.4 63.8 95.8
174 85.8 65.6 98.4

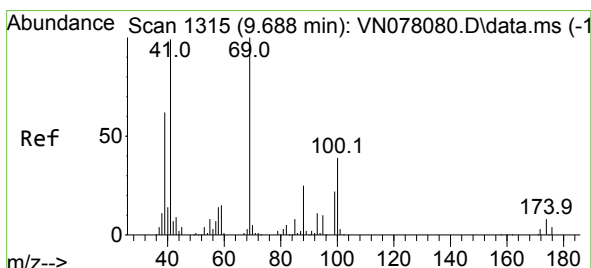
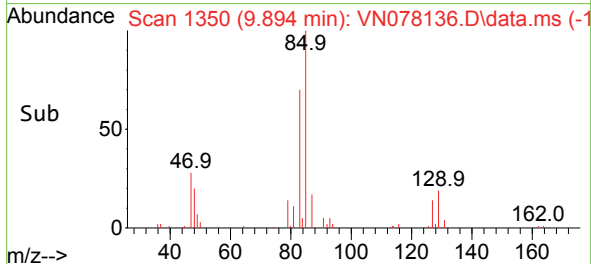
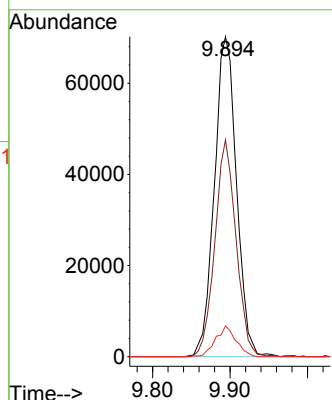
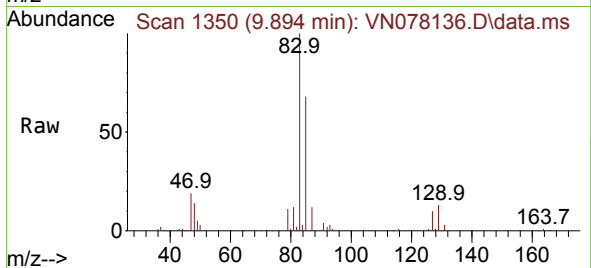




#47
Bromodichloromethane
Concen: 20.155 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

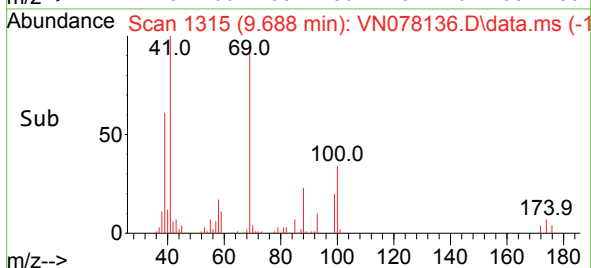
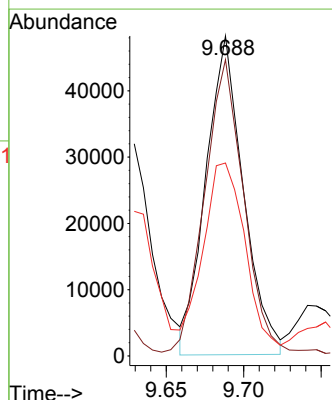
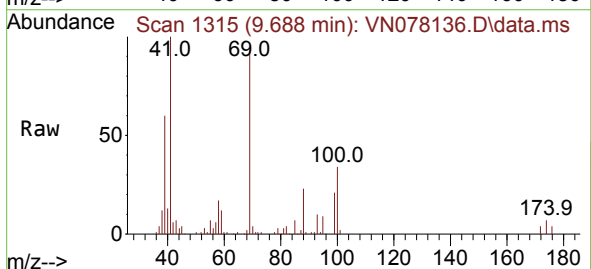
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

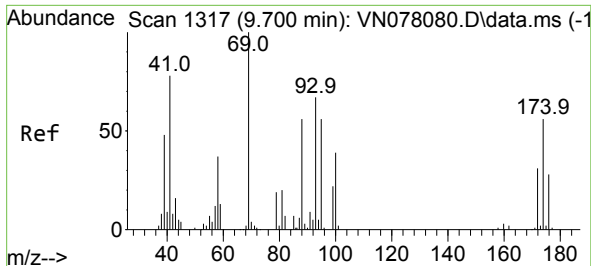
Tgt Ion: 83 Resp: 139148
Ion Ratio Lower Upper
83 100
85 67.8 49.6 74.4
127 9.6 7.0 10.6



#48
Methyl methacrylate
Concen: 19.008 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 41 Resp: 80959
Ion Ratio Lower Upper
41 100
69 98.4 90.4 135.6
39 69.2 54.6 81.8

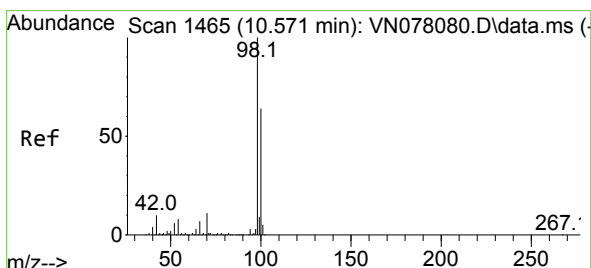
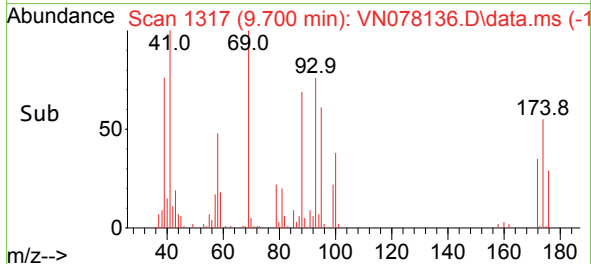
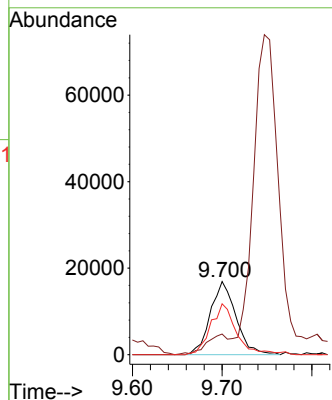
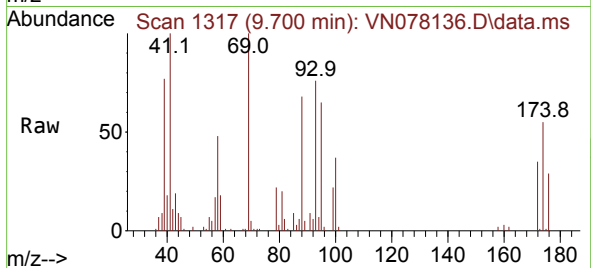




#49
1,4-Dioxane
Concen: 375.324 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

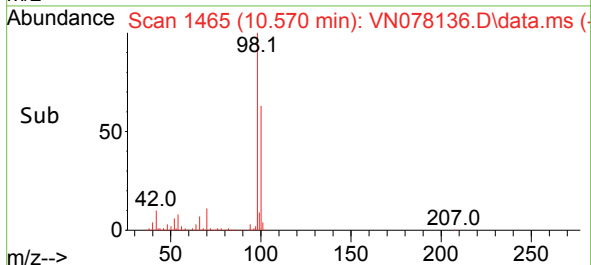
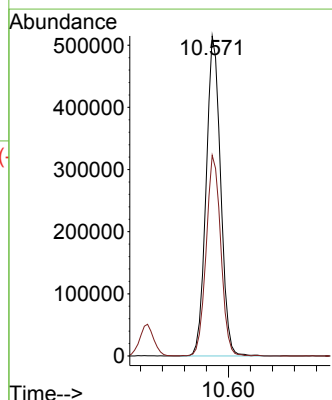
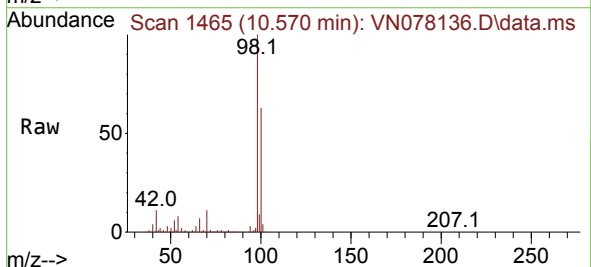
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

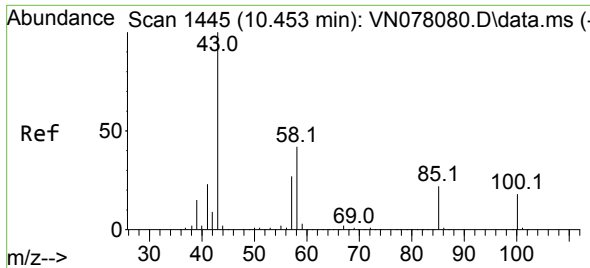
Tgt Ion: 88 Resp: 33599
Ion Ratio Lower Upper
88 100
43 23.1 17.0 25.6
58 70.1 47.0 70.4



#50
Toluene-d8
Concen: 51.518 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 98 Resp: 940630
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

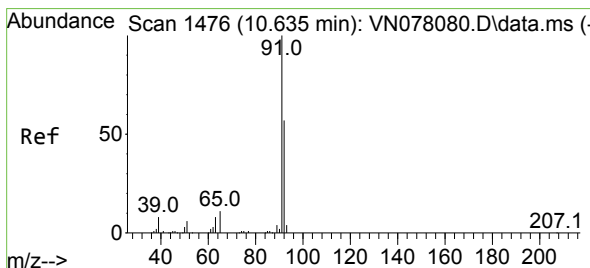
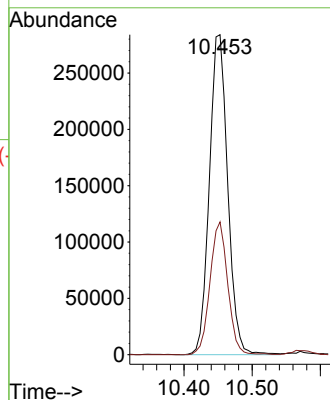
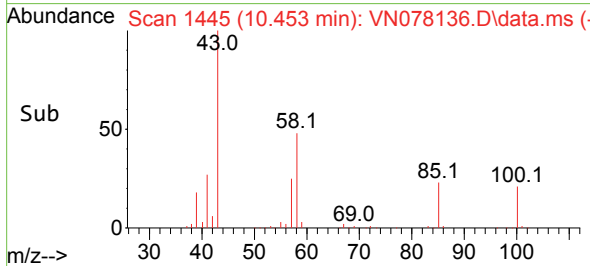
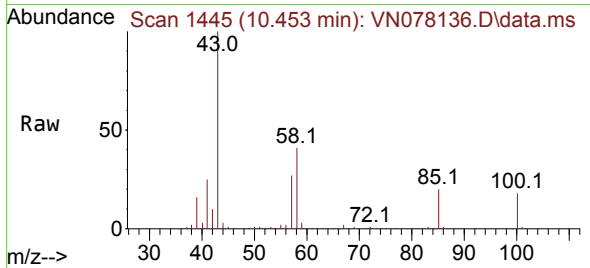




#51
4-Methyl-2-Pentanone
Concen: 99.655 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

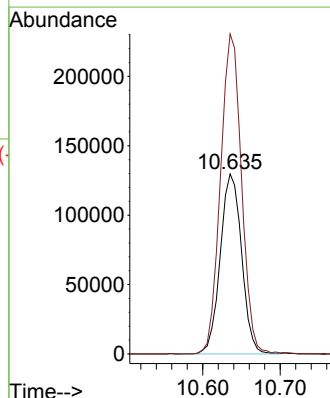
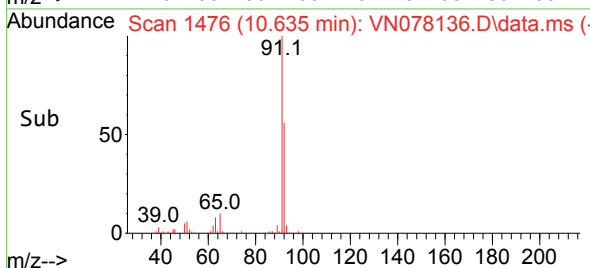
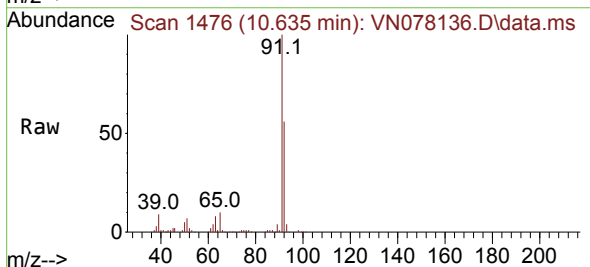
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

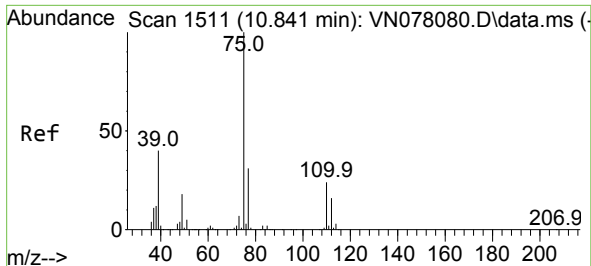
Tgt Ion: 43 Resp: 532612
Ion Ratio Lower Upper
43 100
58 40.2 36.6 54.8



#52
Toluene
Concen: 19.423 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 92 Resp: 248712
Ion Ratio Lower Upper
92 100
91 175.4 137.4 206.0

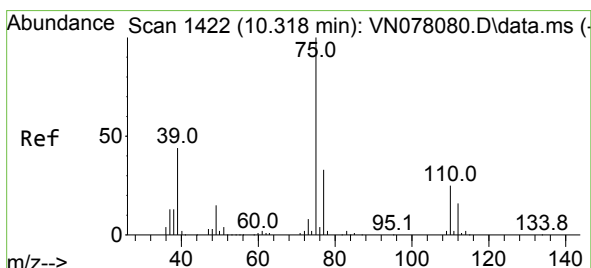
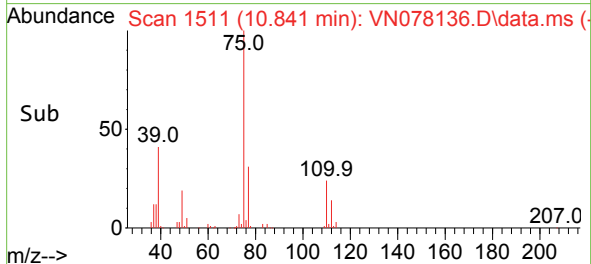
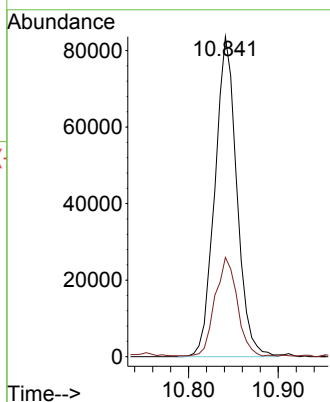
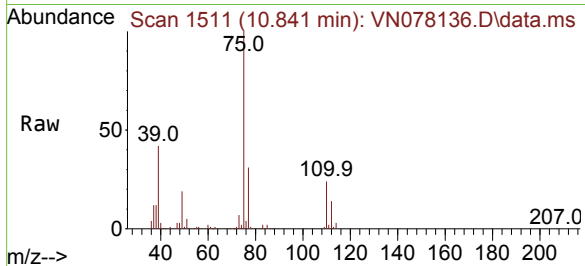




#53
t-1,3-Dichloropropene
Concen: 19.760 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

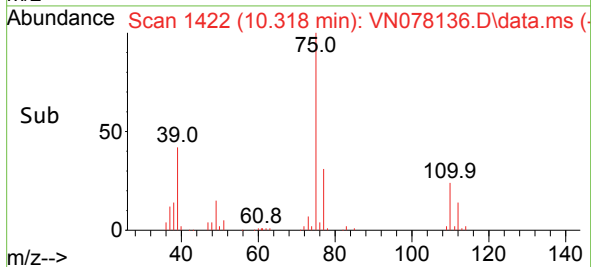
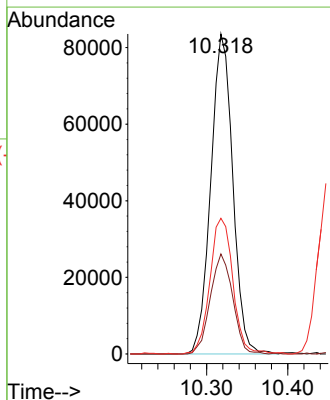
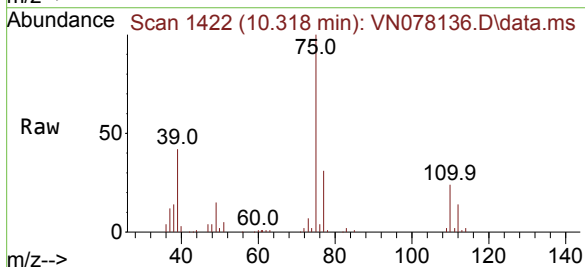
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

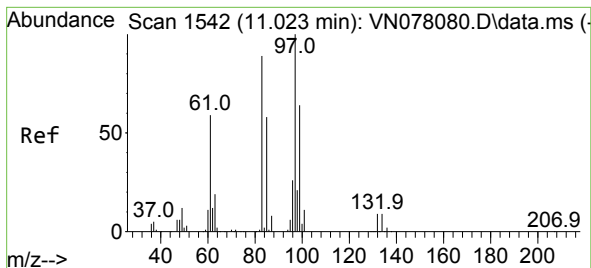
Tgt Ion: 75 Resp: 142076
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.779 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 75 Resp: 157201
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 42.4 31.6 47.4

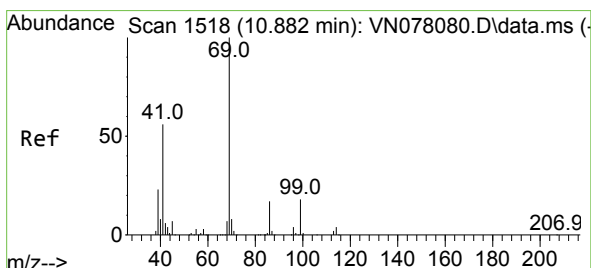
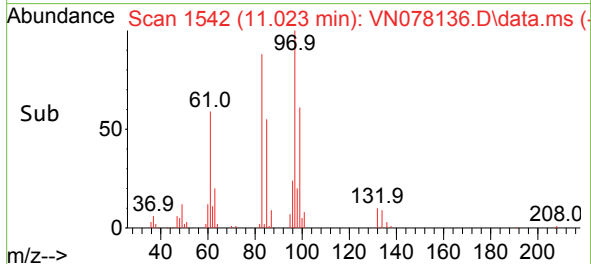
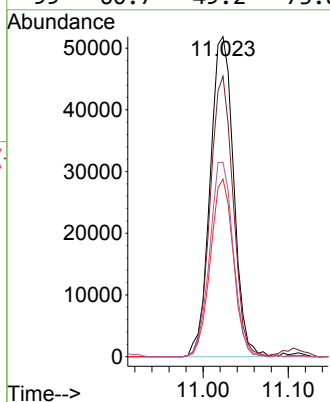
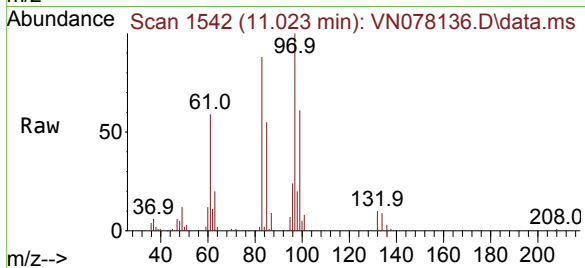




#55
 1,1,2-Trichloroethane
 Concen: 20.564 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

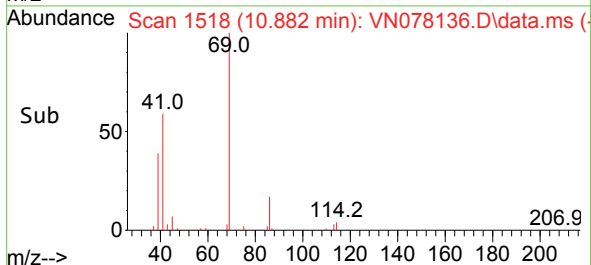
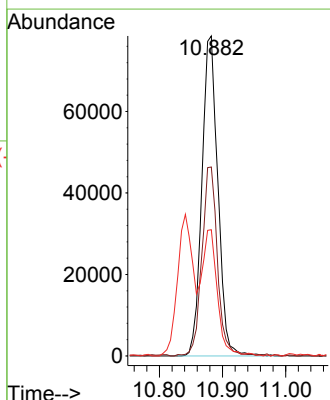
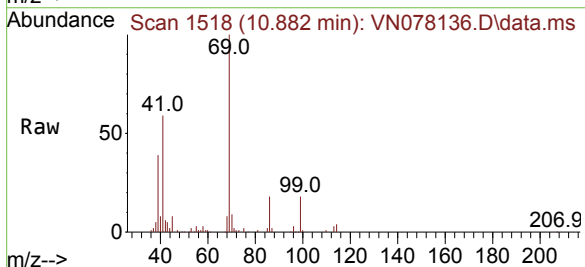
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

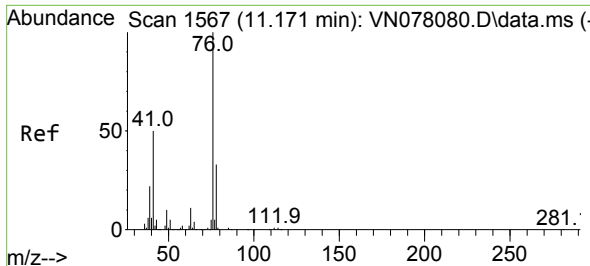
Tgt Ion:	97	Resp:	99611
Ion	Ratio	Lower	Upper
97	100		
83	87.6	65.1	97.7
85	55.4	43.4	65.2
99	60.7	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 19.565 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. -0.000 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

Tgt Ion:	69	Resp:	137993
Ion	Ratio	Lower	Upper
69	100		
41	57.9	39.6	59.4
39	37.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.116 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

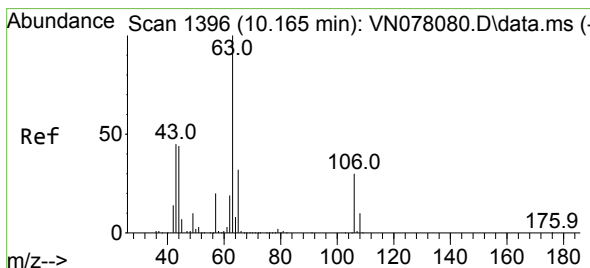
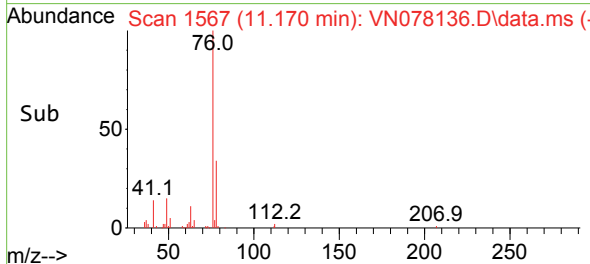
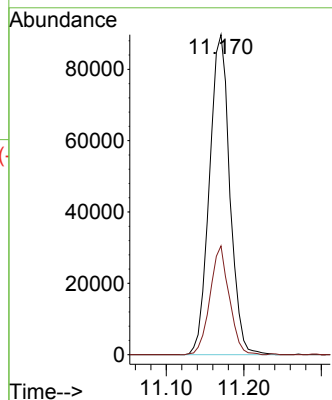
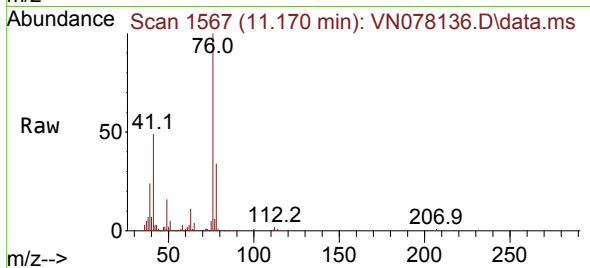
VN0609WBS01

Tgt Ion: 76 Resp: 164474

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 83.842 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078136.D

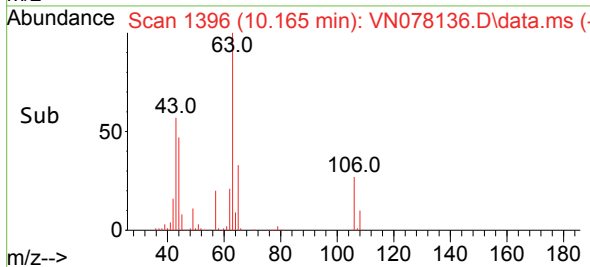
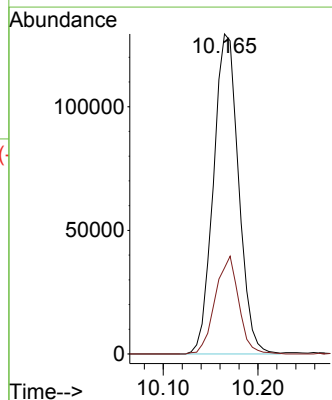
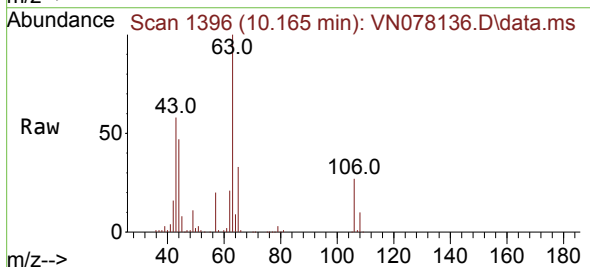
Acq: 09 Jun 2023 10:50

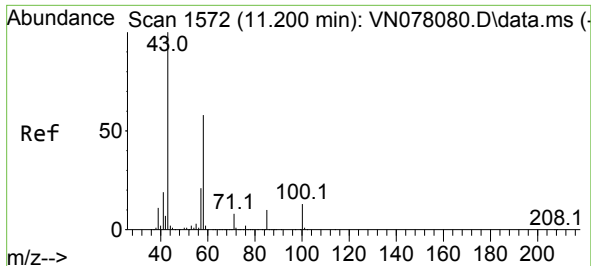
Tgt Ion: 63 Resp: 238889

Ion Ratio Lower Upper

63 100

106 28.6 26.2 39.4

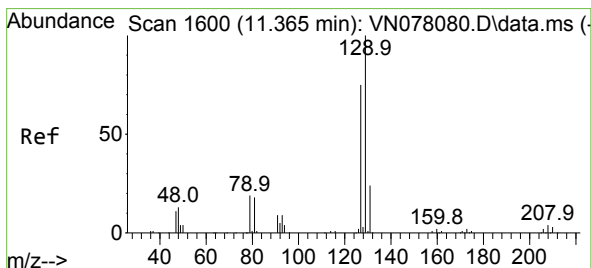
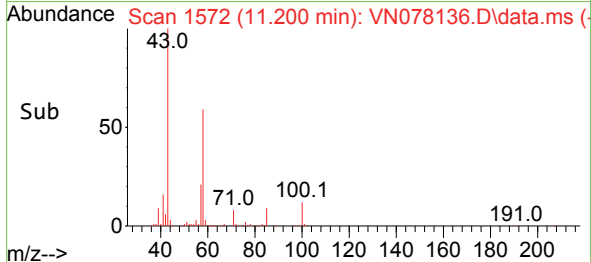
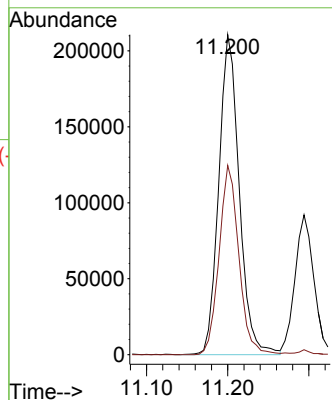
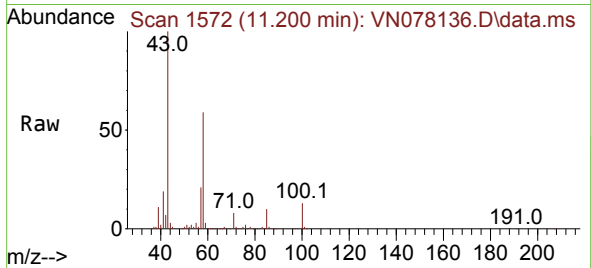




#59
2-Hexanone
Concen: 99.187 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

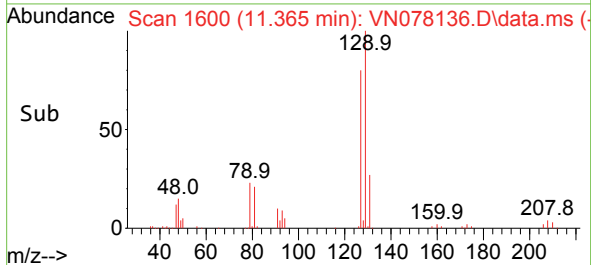
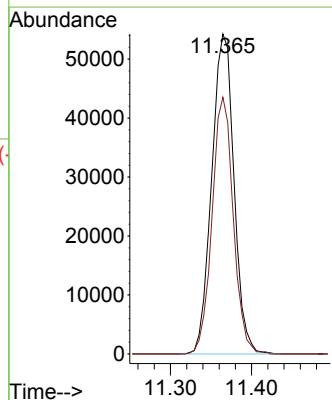
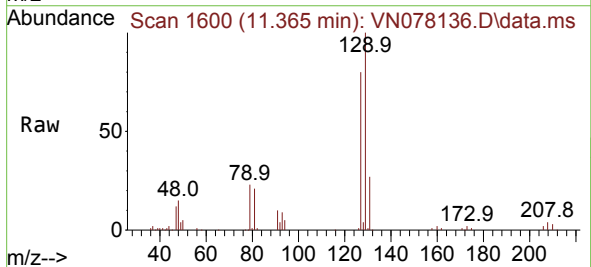
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

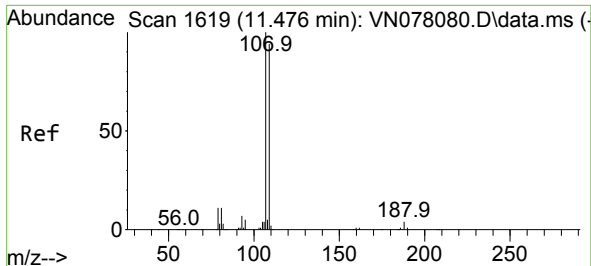
Tgt Ion: 43 Resp: 369112
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1



#60
Dibromochloromethane
Concen: 19.498 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 129 Resp: 103351
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0

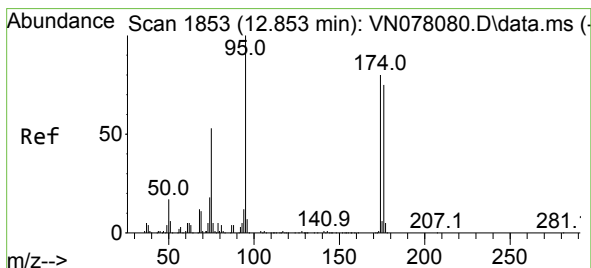
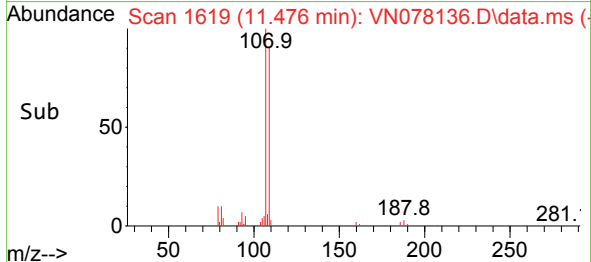
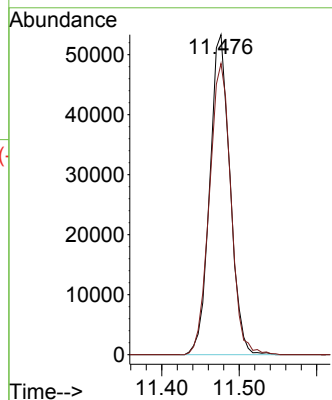
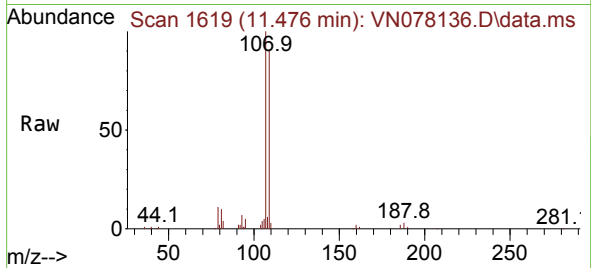




#61
1,2-Dibromoethane
Concen: 19.022 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

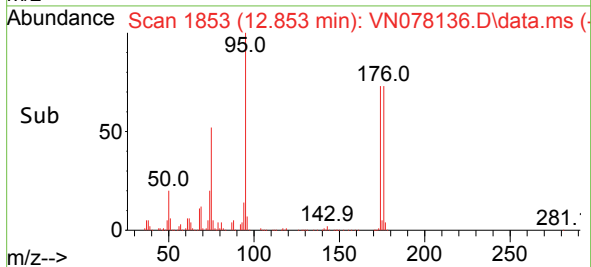
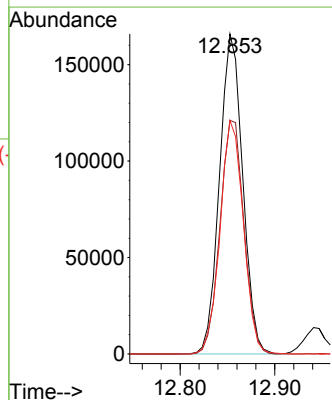
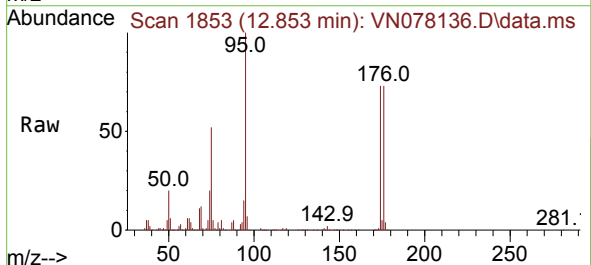
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

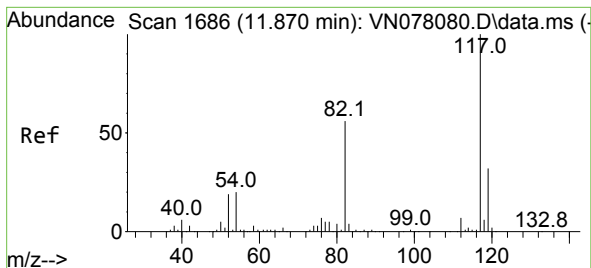
Tgt Ion:107 Resp: 96695
Ion Ratio Lower Upper
107 100
109 96.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.769 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 95 Resp: 282492
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 73.3 0.0 135.8

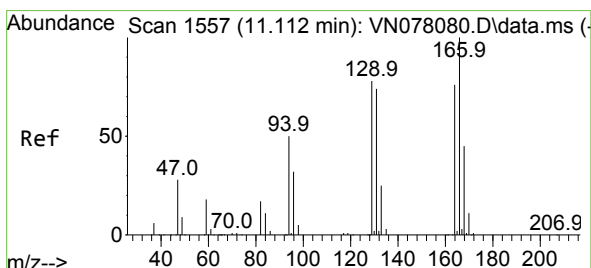
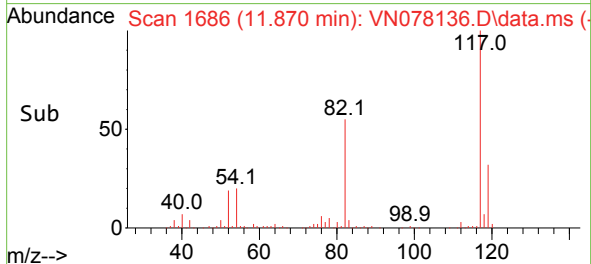
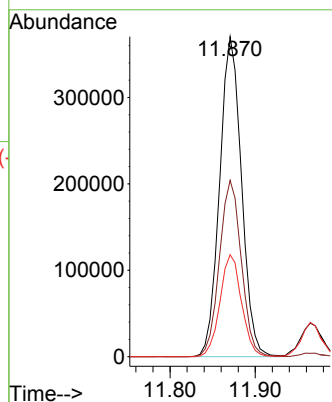
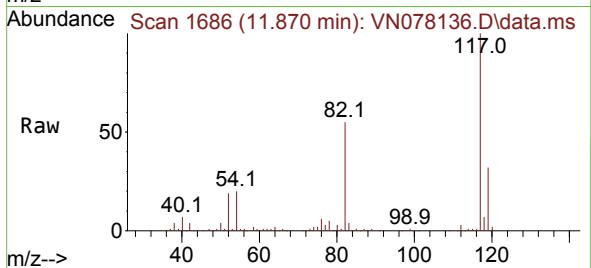




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

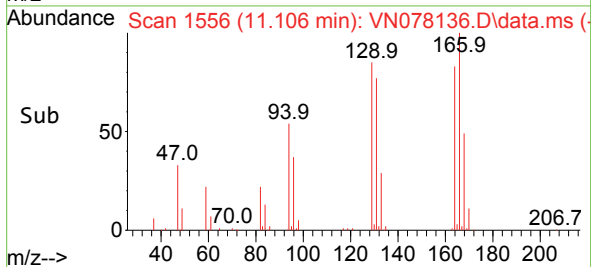
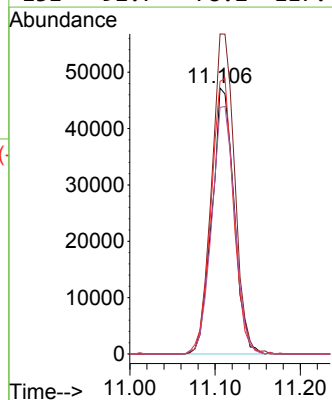
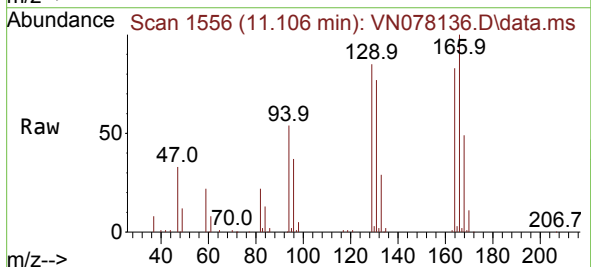
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

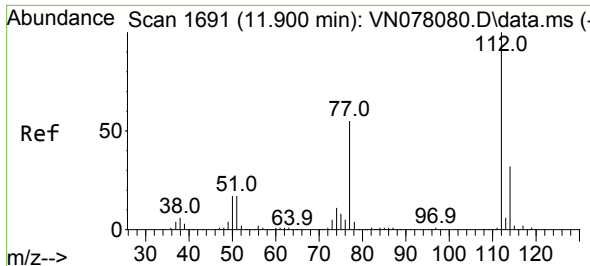
Tgt Ion:117 Resp: 660141
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 19.388 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion:164 Resp: 85385
Ion Ratio Lower Upper
164 100
166 120.3 101.4 152.0
129 102.5 82.4 123.6
131 92.7 78.2 117.4

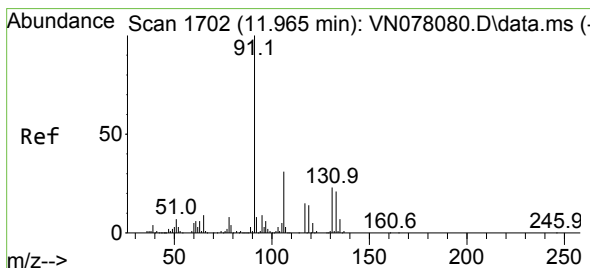
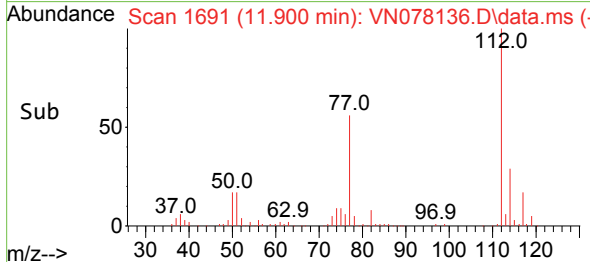
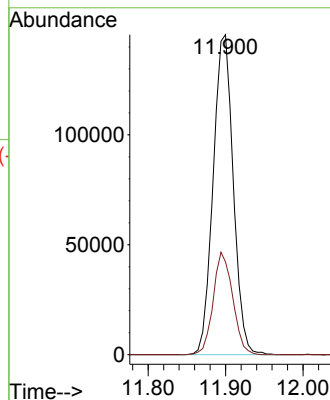
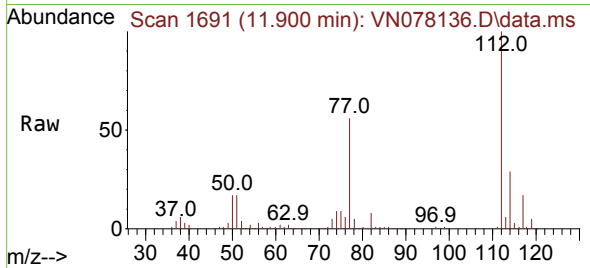




#65
Chlorobenzene
Concen: 18.608 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

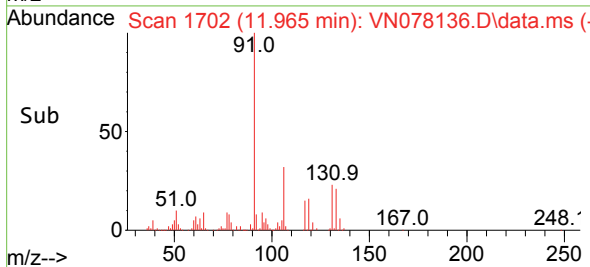
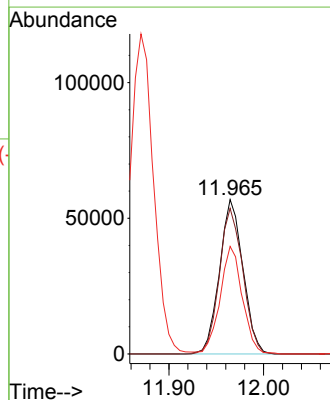
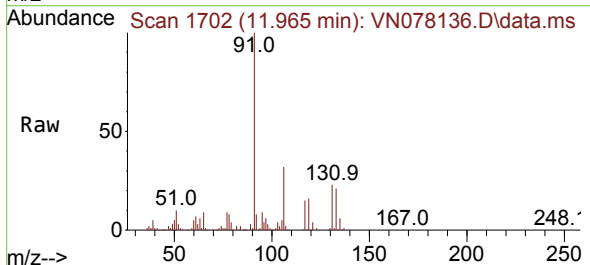
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

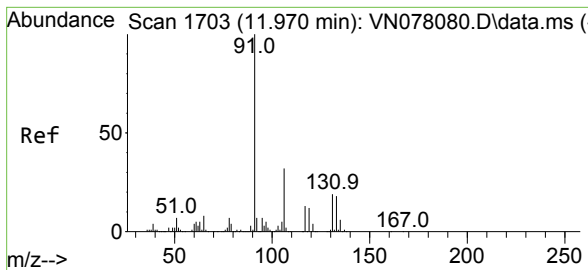
Tgt Ion:112 Resp: 263067
Ion Ratio Lower Upper
112 100
114 29.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.895 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion:131 Resp: 98247
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 66.2 34.1 102.2

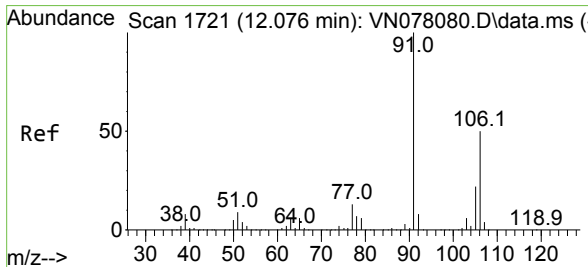
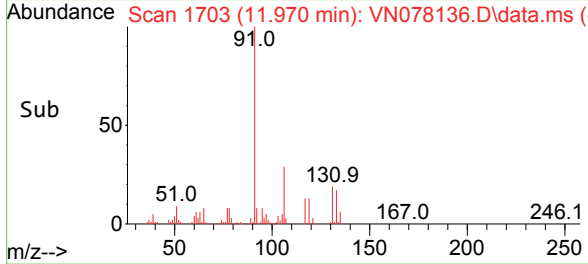
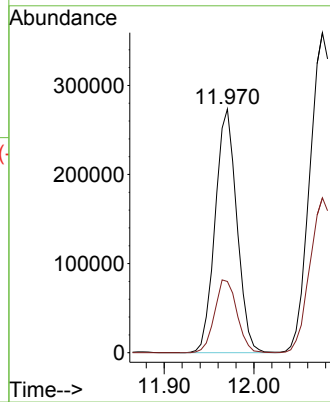
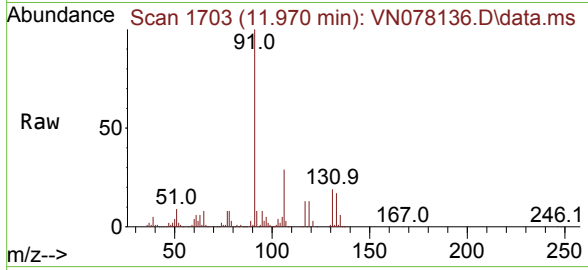




#67
Ethyl Benzene
Concen: 18.839 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

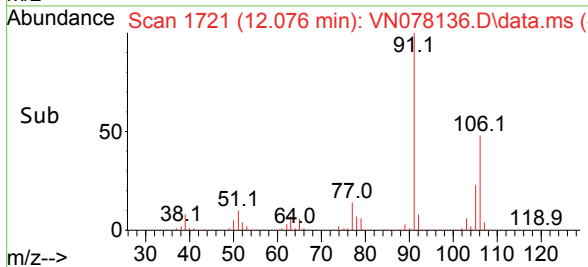
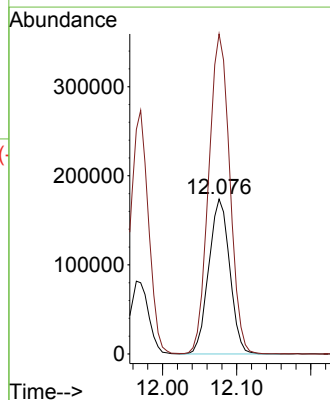
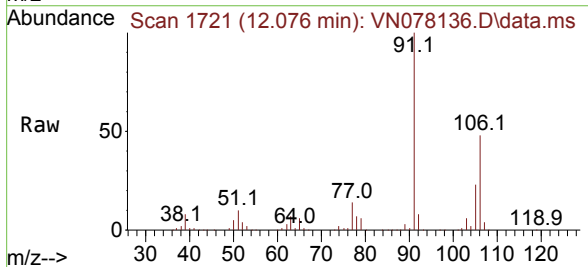
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

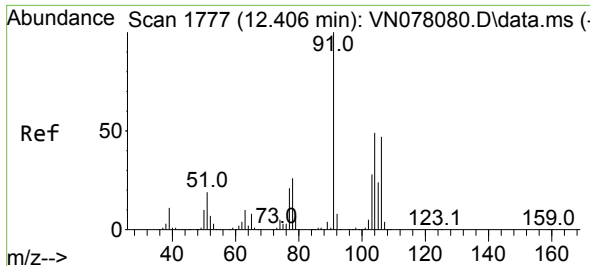
Tgt Ion: 91 Resp: 459553
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4



#68
m/p-Xylenes
Concen: 36.744 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion:106 Resp: 341586
Ion Ratio Lower Upper
106 100
91 207.6 159.6 239.4

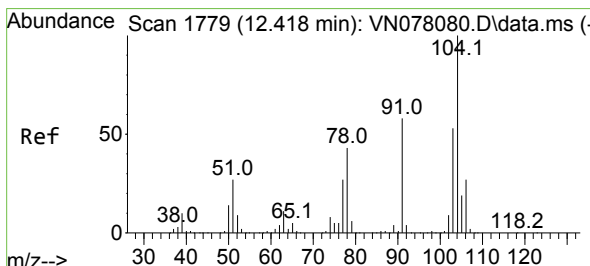
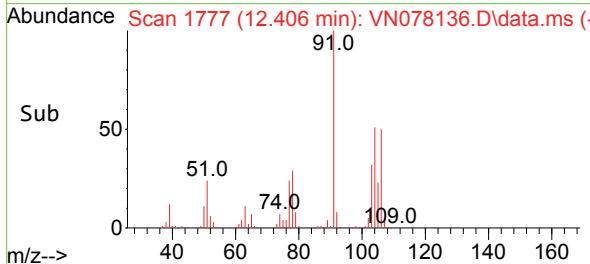
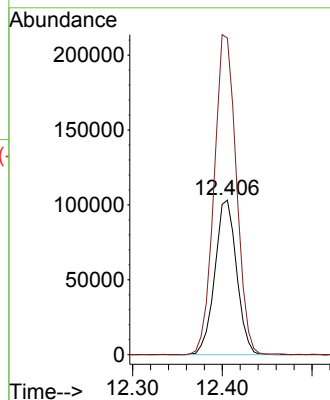
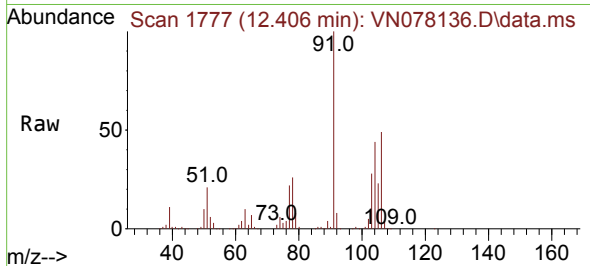




#69
o-Xylene
Concen: 19.028 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

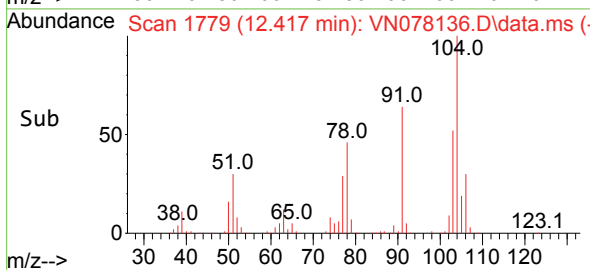
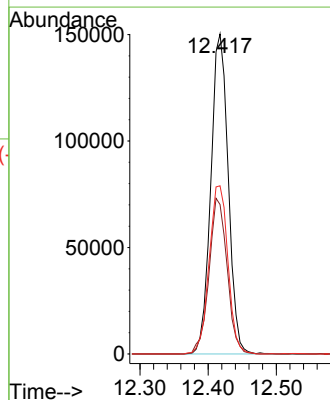
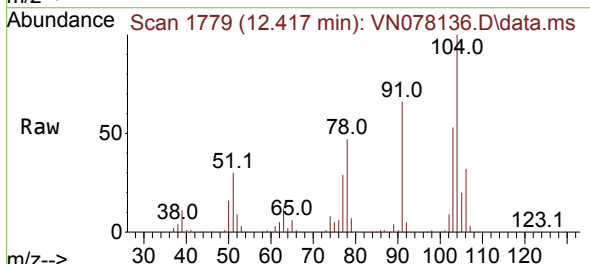
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

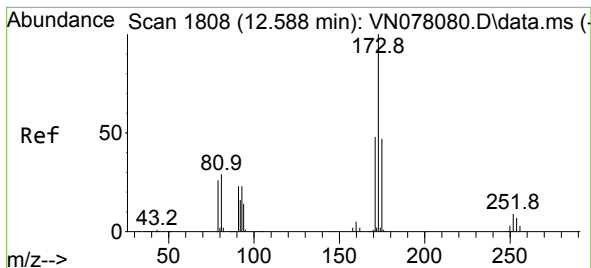
Tgt Ion:106 Resp: 173715
Ion Ratio Lower Upper
106 100
91 211.5 105.2 315.5



#70
Styrene
Concen: 18.599 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion:104 Resp: 267306
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 56.7 43.2 64.8





#71

Bromoform

Concen: 18.579 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

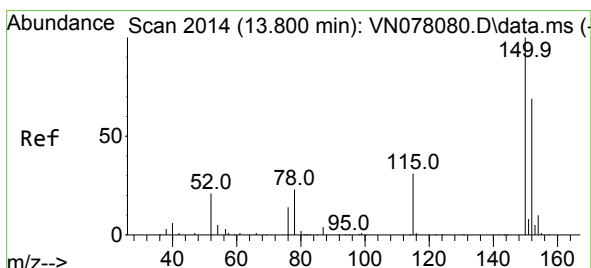
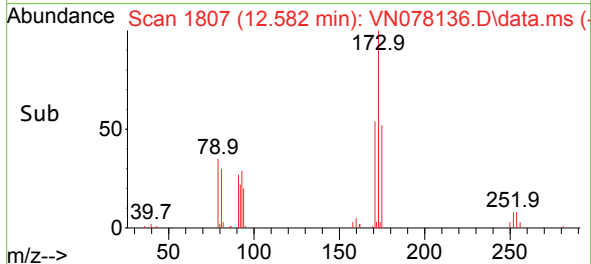
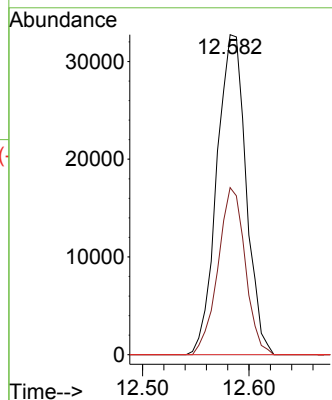
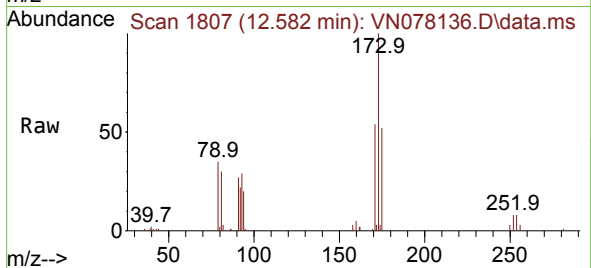
Tgt Ion:173 Resp: 62343

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

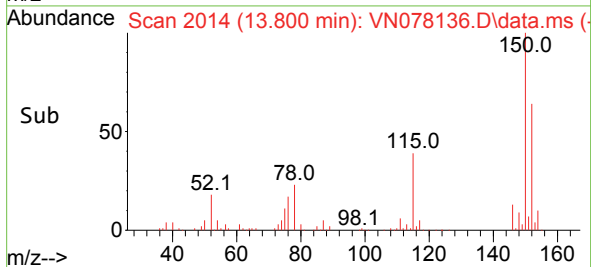
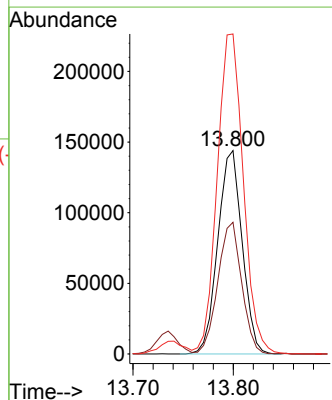
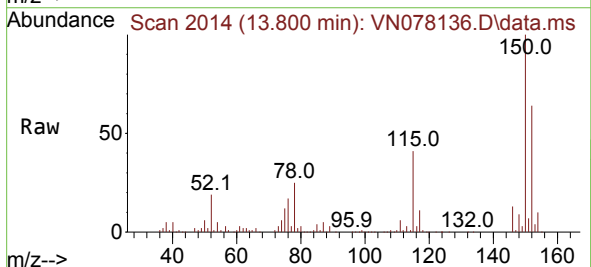
Tgt Ion:152 Resp: 242521

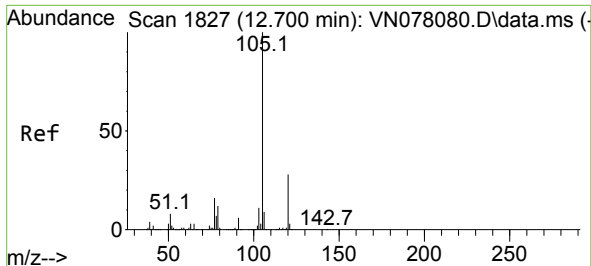
Ion Ratio Lower Upper

152 100

115 63.1 32.3 96.8

150 168.8 0.0 355.8

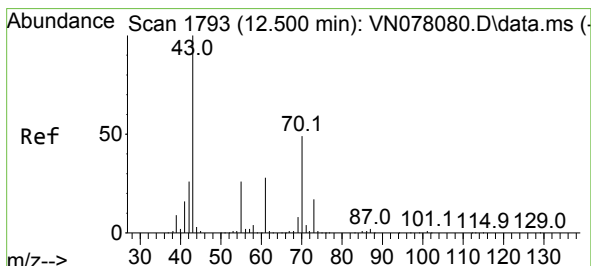
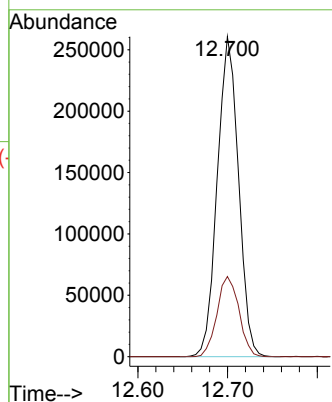
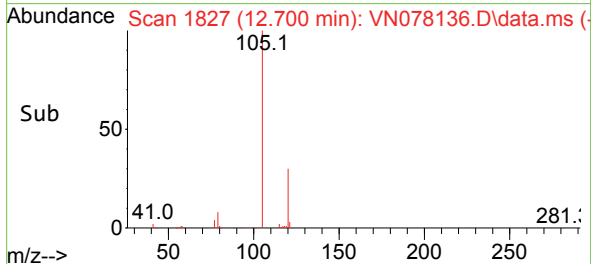
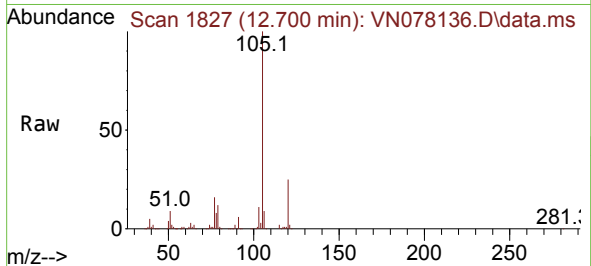




#73
Isopropylbenzene
Concen: 18.636 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

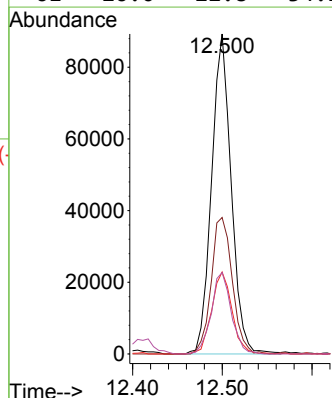
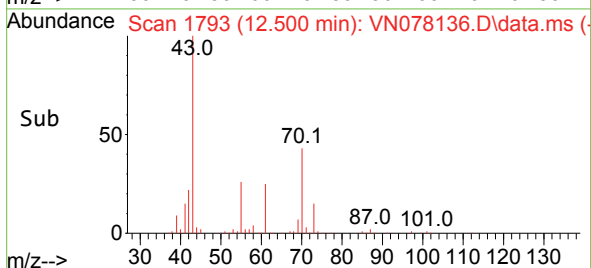
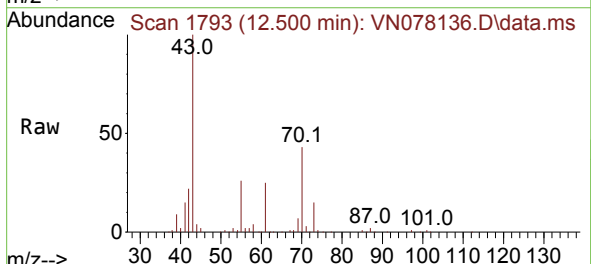
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

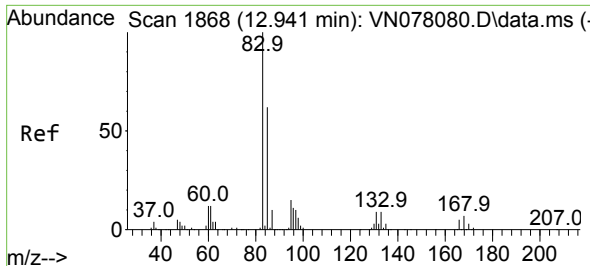
Tgt Ion:105 Resp: 427381
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 17.971 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 43 Resp: 135717
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 26.7 21.4 32.0
61 26.0 22.8 34.2

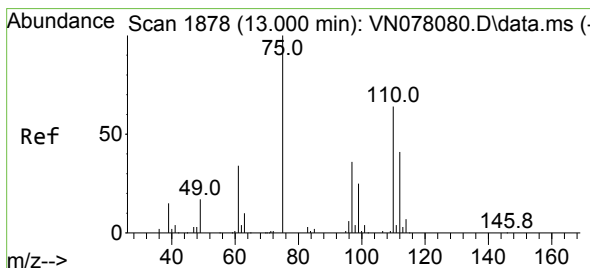
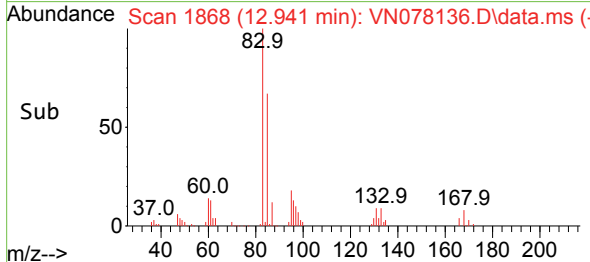
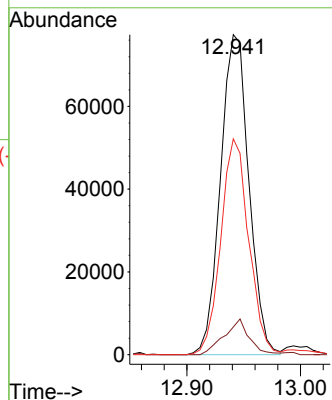
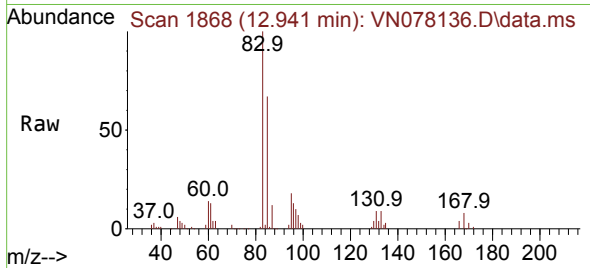




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.839 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

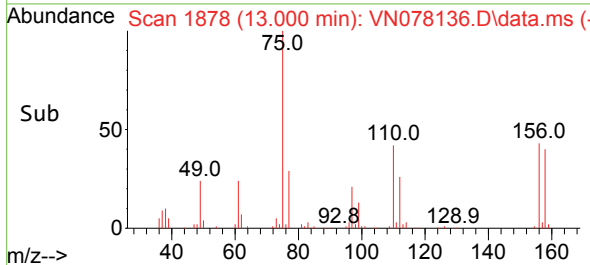
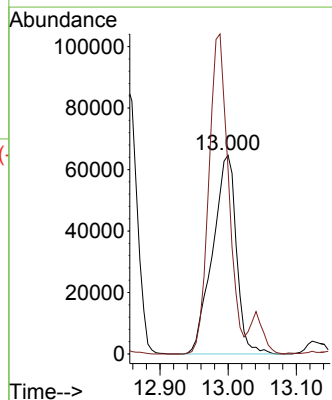
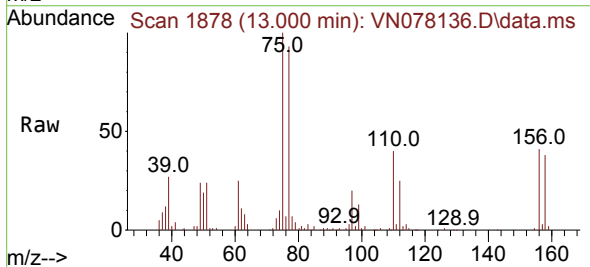
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

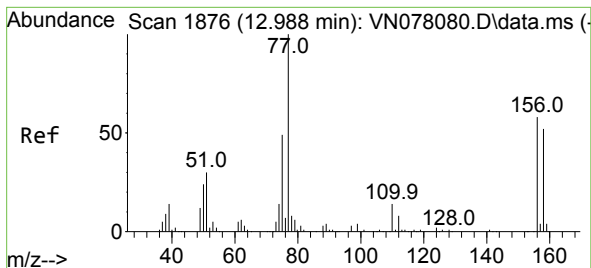
Tgt Ion: 83 Resp: 134451
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 66.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 27.429 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078136.D
 Acq: 09 Jun 2023 10:50

Tgt Ion: 75 Resp: 157260
 Ion Ratio Lower Upper
 75 100
 77 132.3 84.5 253.5





#77

Bromobenzene

Concen: 18.149 ug/l

RT: 12.982 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

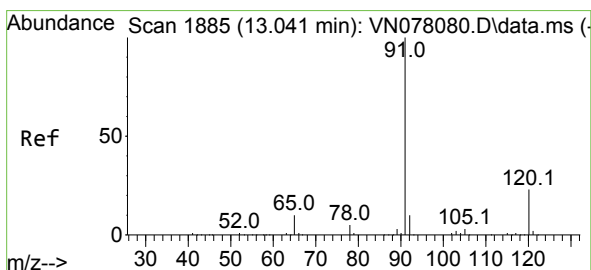
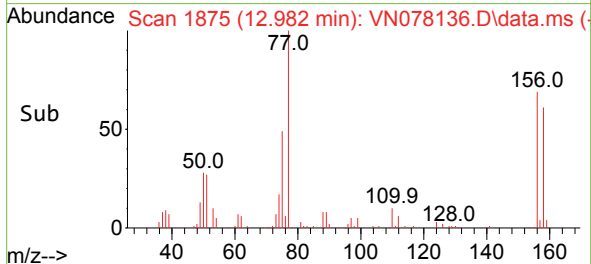
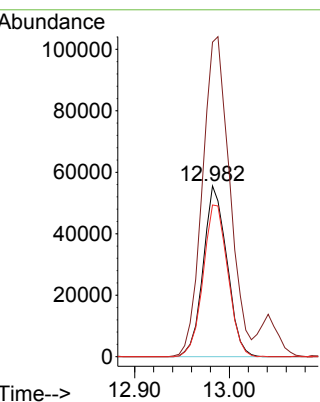
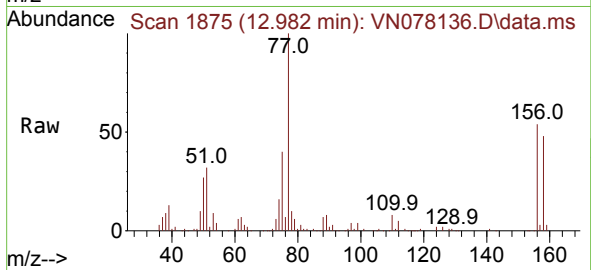
Tgt Ion:156 Resp: 96621

Ion Ratio Lower Upper

156 100

77 215.4 107.7 323.3

158 92.6 48.4 145.3



#78

n-propylbenzene

Concen: 19.089 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078136.D

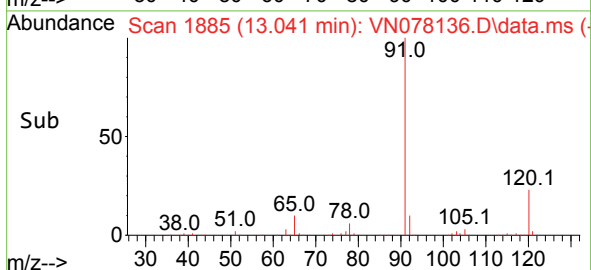
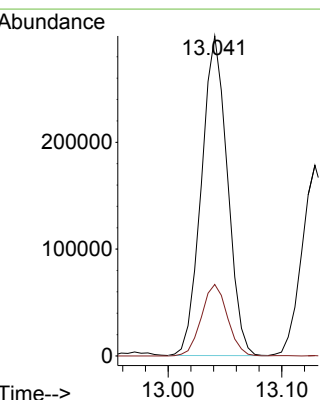
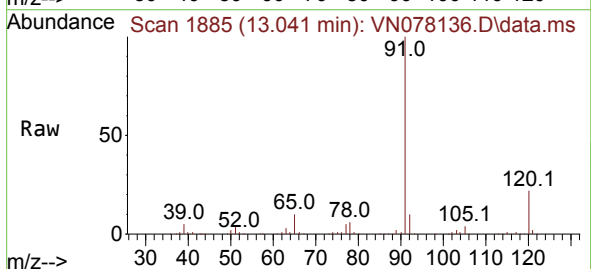
Acq: 09 Jun 2023 10:50

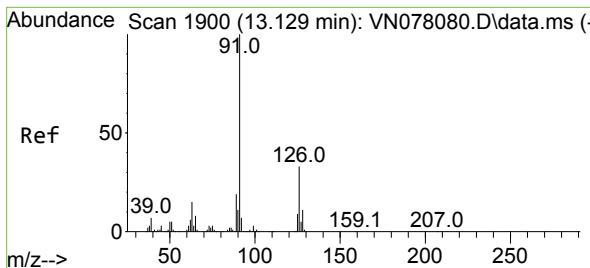
Tgt Ion: 91 Resp: 475642

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.592 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

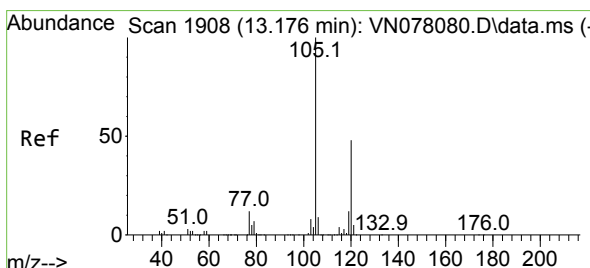
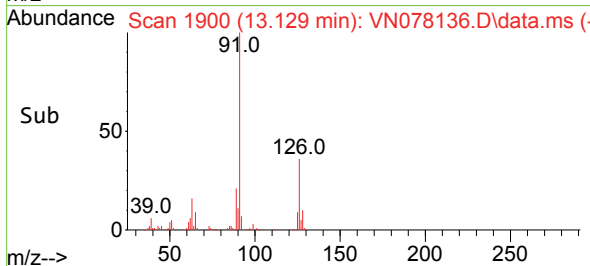
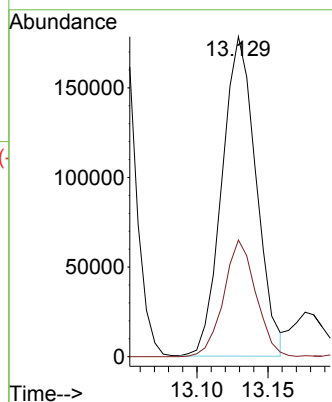
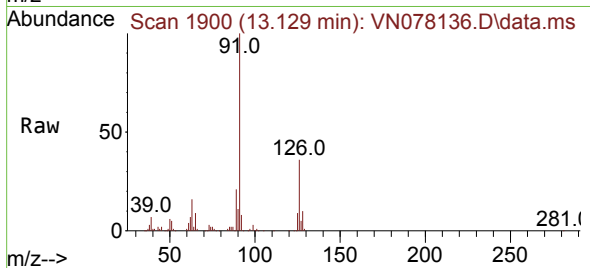
VN0609WBS01

Tgt Ion: 91 Resp: 299026

Ion Ratio Lower Upper

91 100

126 34.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.357 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN078136.D

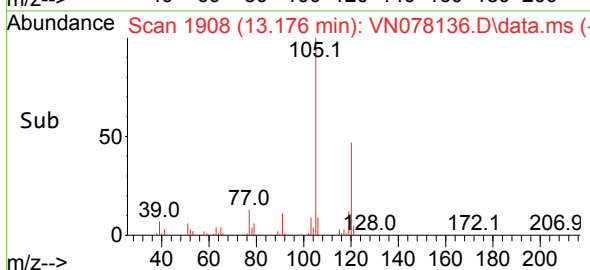
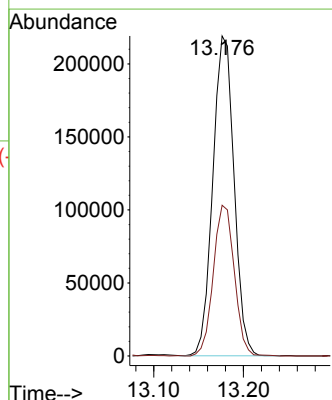
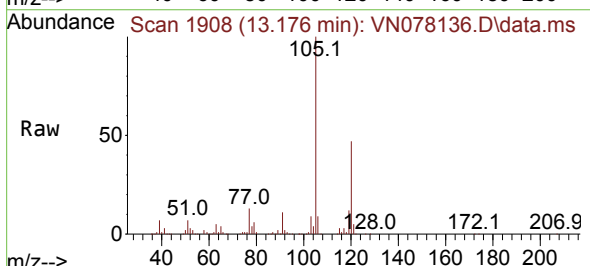
Acq: 09 Jun 2023 10:50

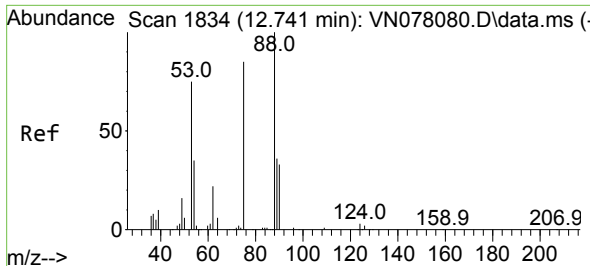
Tgt Ion:105 Resp: 359410

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3

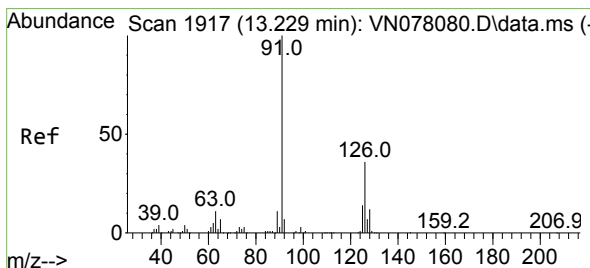
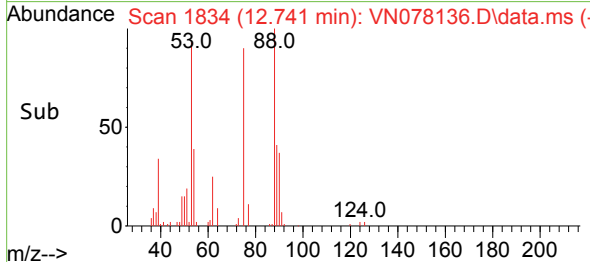
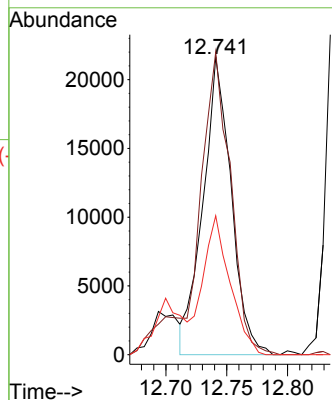
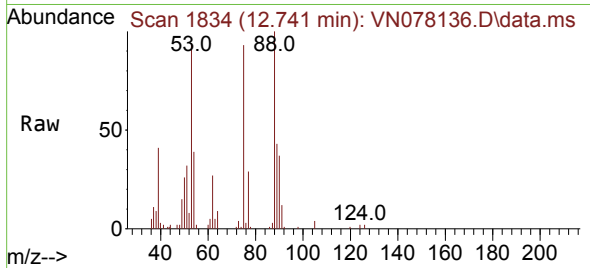




#81
trans-1,4-Dichloro-2-butene
Concen: 18.713 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

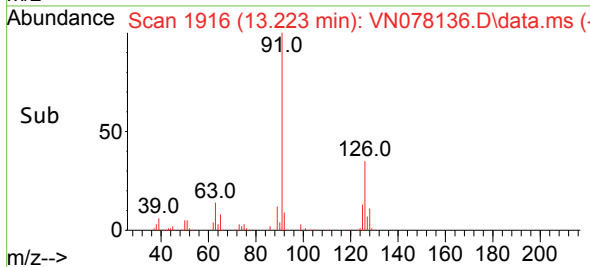
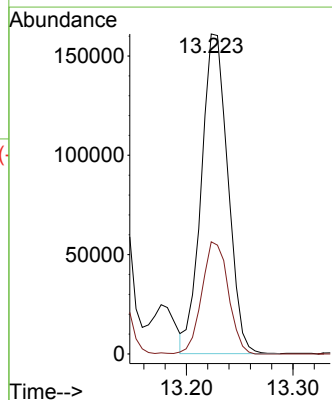
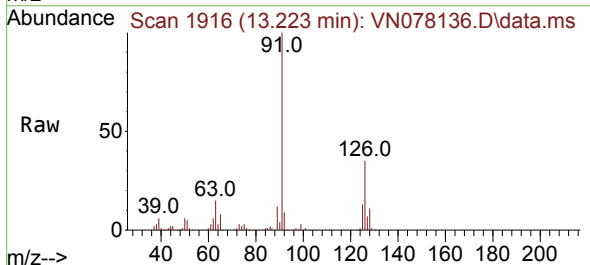
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

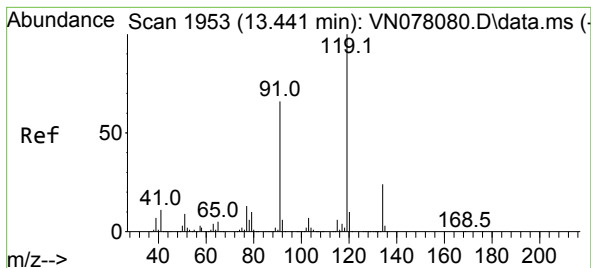
Tgt Ion: 75 Resp: 34921
Ion Ratio Lower Upper
75 100
53 117.9 67.4 101.2#
89 45.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.558 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 91 Resp: 278571
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.316 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

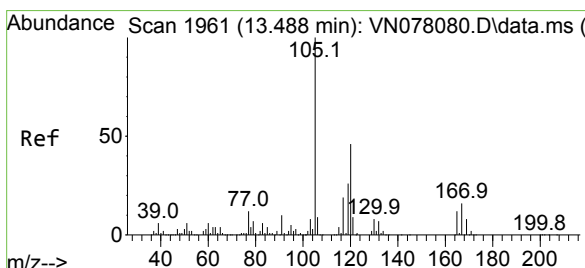
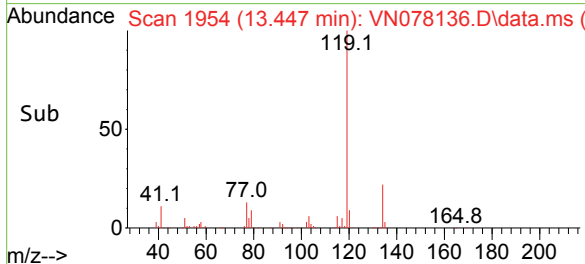
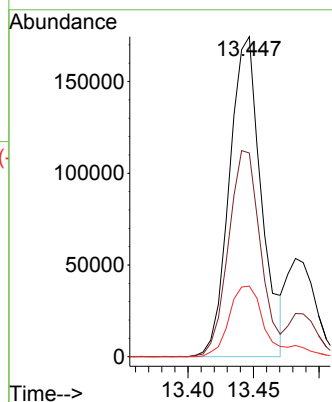
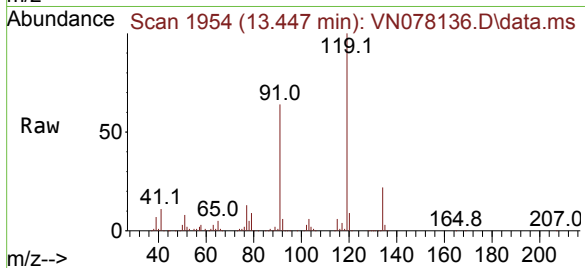
Tgt Ion:119 Resp: 295623

Ion Ratio Lower Upper

119 100

91 64.8 33.9 101.7

134 25.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.425 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078136.D

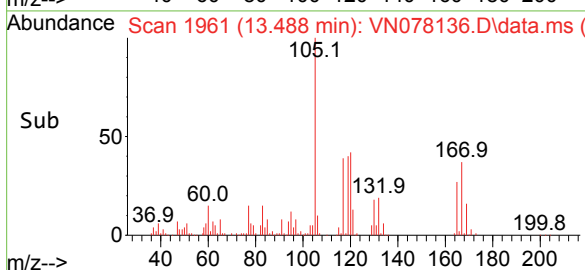
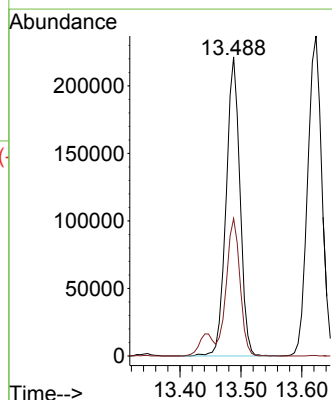
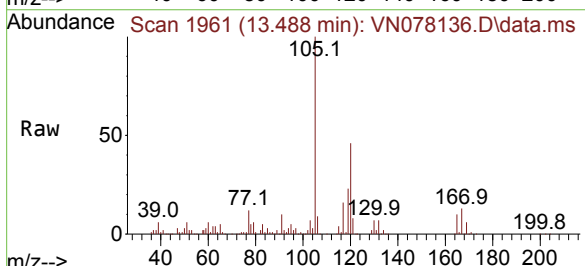
Acq: 09 Jun 2023 10:50

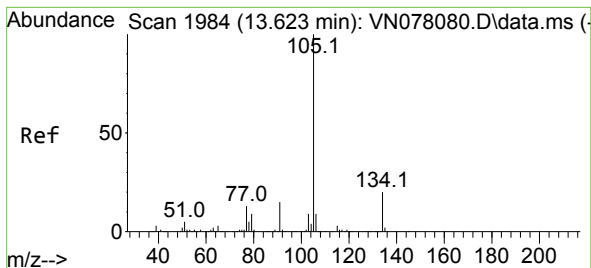
Tgt Ion:105 Resp: 349674

Ion Ratio Lower Upper

105 100

120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.170 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

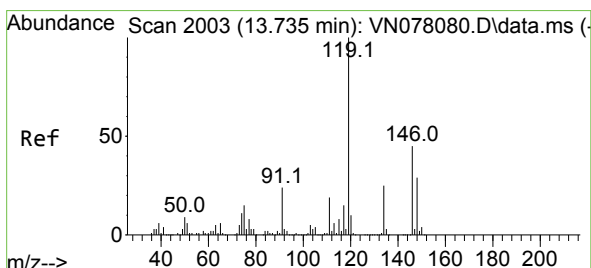
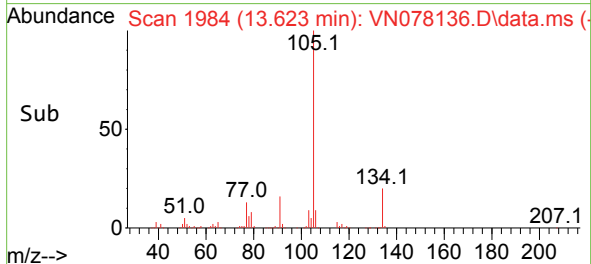
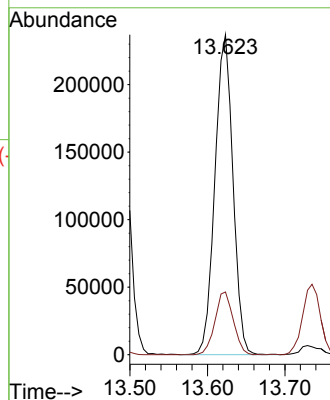
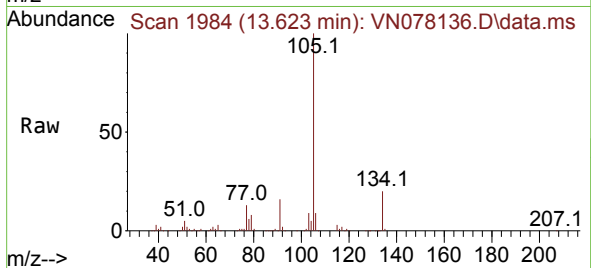
VN0609WBS01

Tgt Ion:105 Resp: 383850

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.452 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

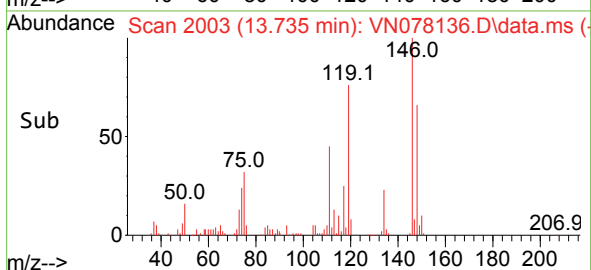
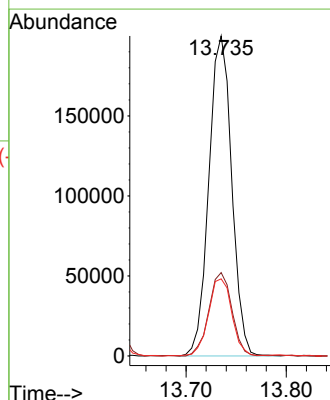
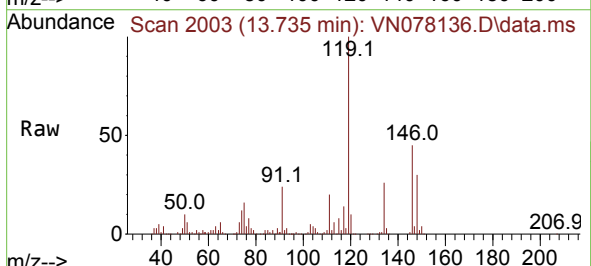
Tgt Ion:119 Resp: 316315

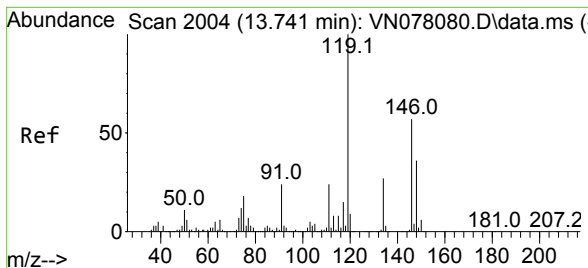
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.099 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

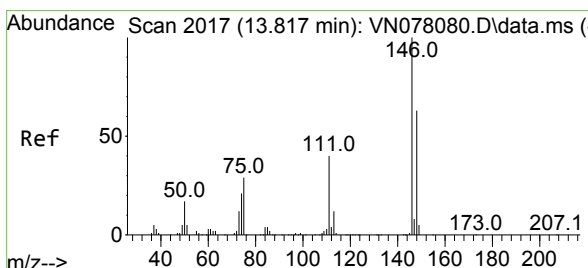
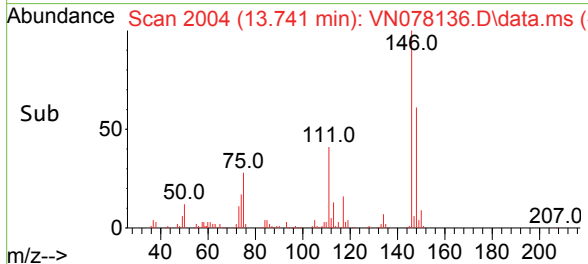
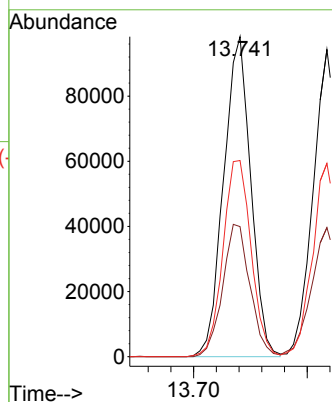
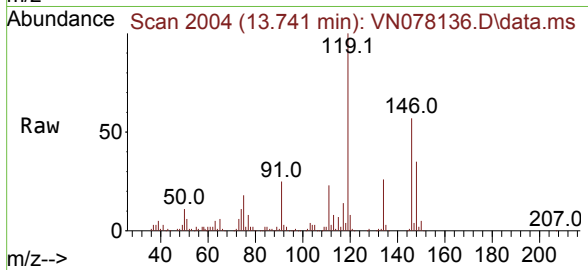
Tgt Ion:146 Resp: 162989

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.3

148 63.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 17.782 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

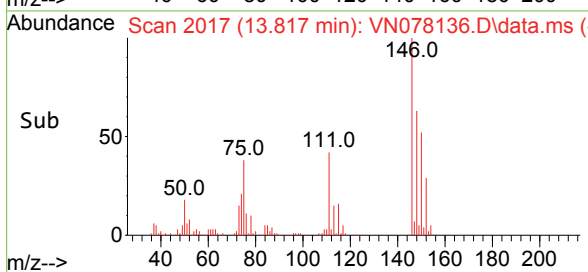
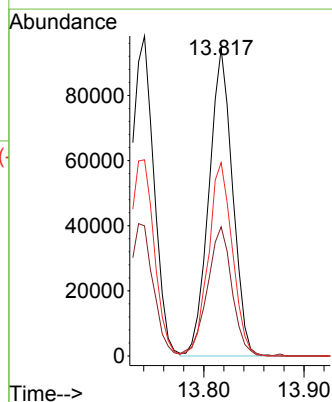
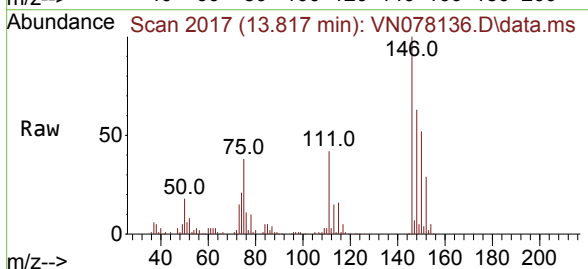
Tgt Ion:146 Resp: 154512

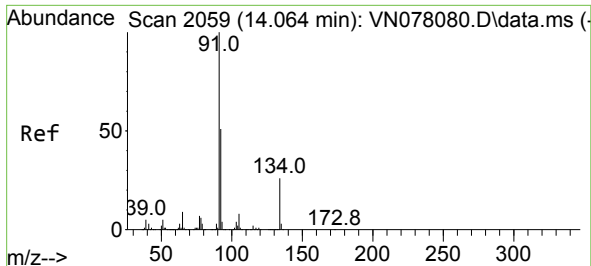
Ion Ratio Lower Upper

146 100

111 43.6 20.6 61.8

148 64.0 31.6 94.8

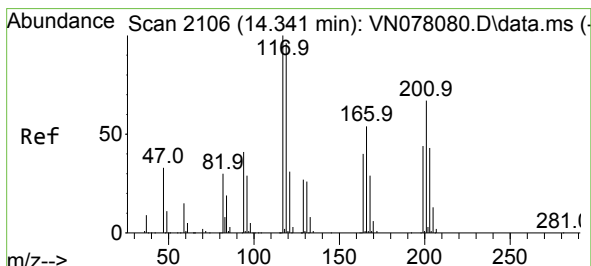
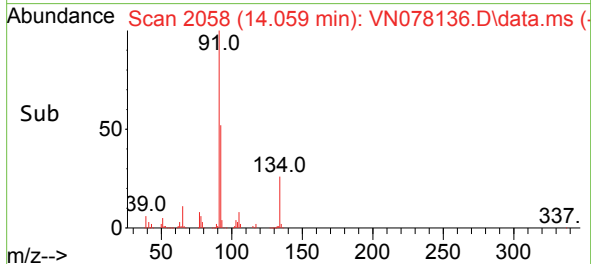
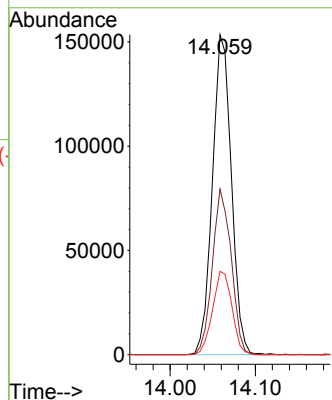
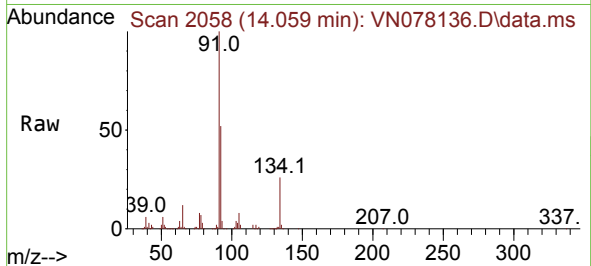




#89
n-Butylbenzene
Concen: 17.597 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

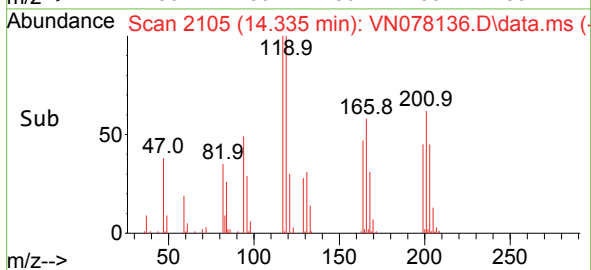
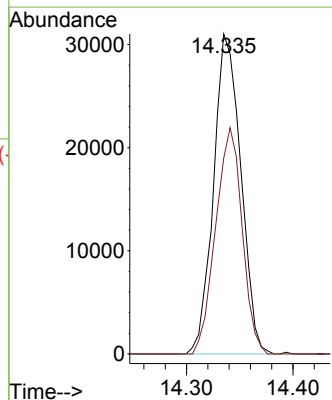
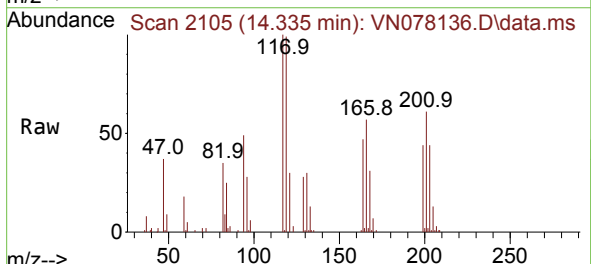
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

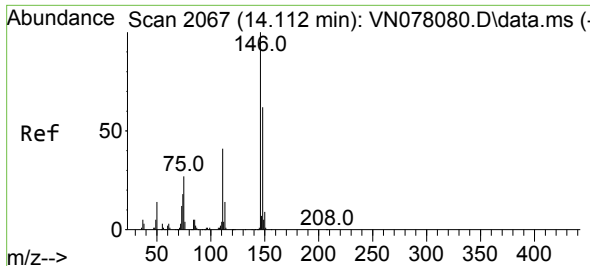
Tgt Ion: 91 Resp: 237935
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 26.6 12.6 37.6



#90
Hexachloroethane
Concen: 18.111 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 117 Resp: 55099
Ion Ratio Lower Upper
117 100
201 68.7 29.3 88.0

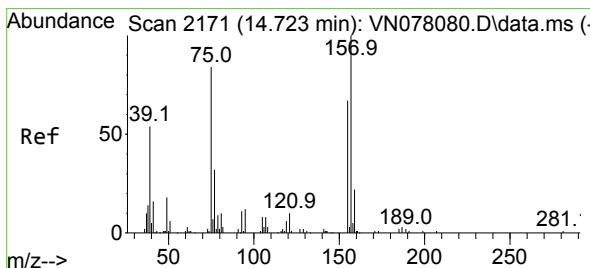
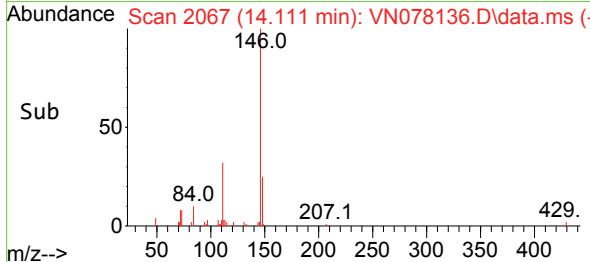
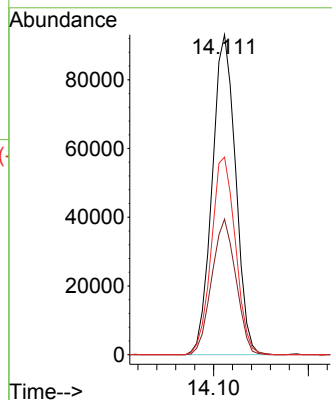
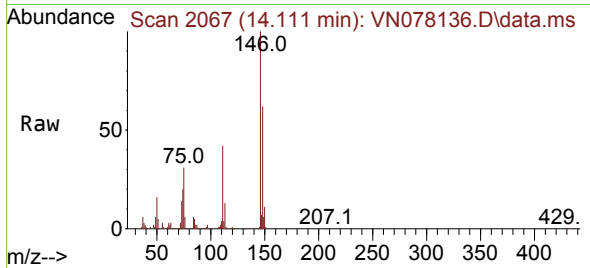




#91
1,2-Dichlorobenzene
Concen: 18.155 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

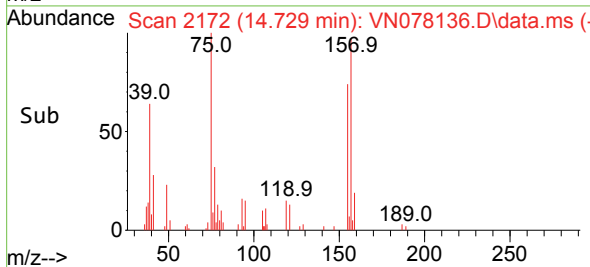
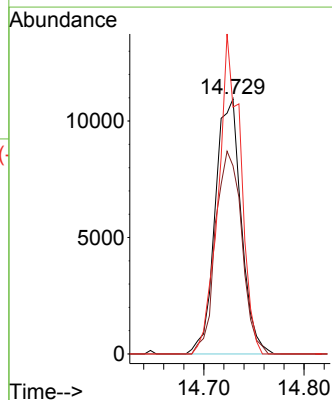
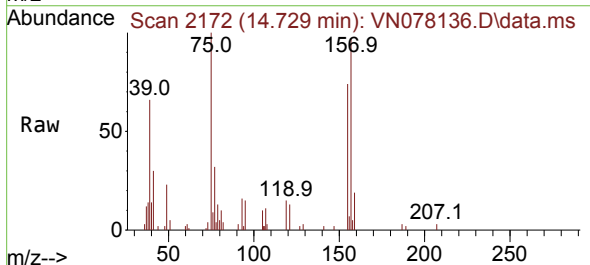
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBS01

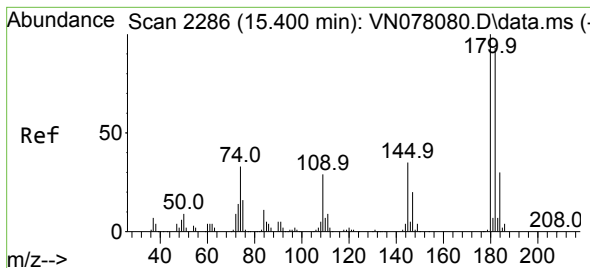
Tgt Ion:146 Resp: 159783
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 63.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.353 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078136.D
Acq: 09 Jun 2023 10:50

Tgt Ion: 75 Resp: 19712
Ion Ratio Lower Upper
75 100
155 80.5 39.1 117.2
157 107.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.050 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

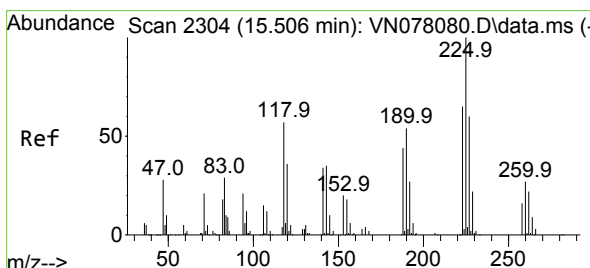
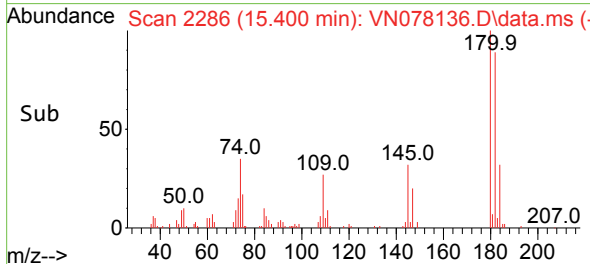
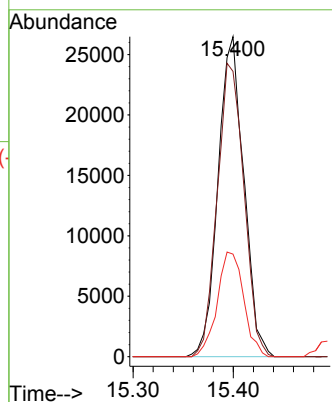
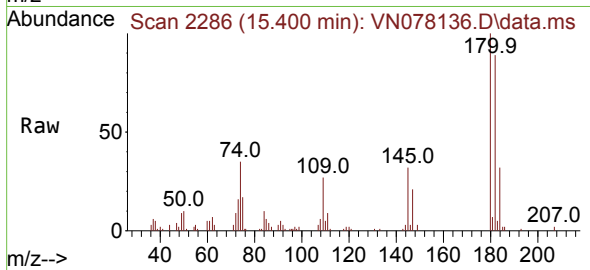
Tgt Ion:180 Resp: 47192

Ion Ratio Lower Upper

180 100

182 94.7 46.1 138.2

145 33.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.718 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

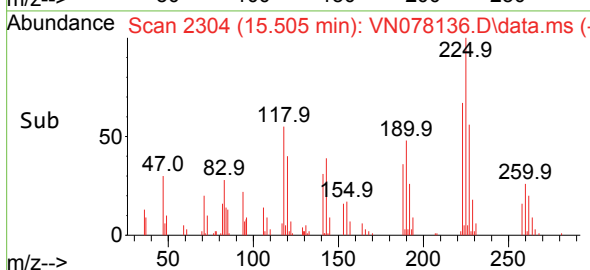
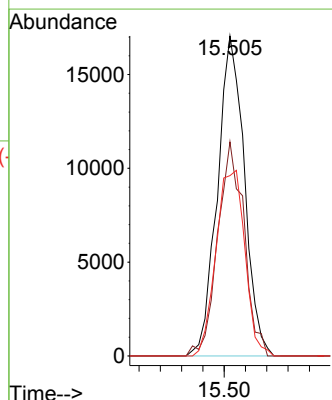
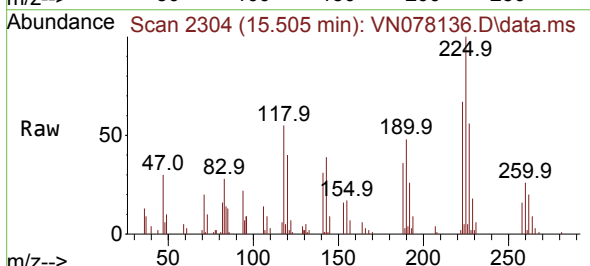
Tgt Ion:225 Resp: 29892

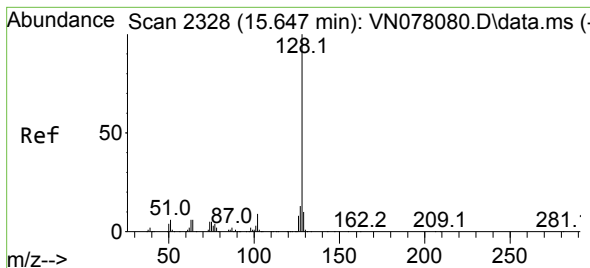
Ion Ratio Lower Upper

225 100

223 65.3 31.3 93.8

227 62.3 31.9 95.9





#95

Naphthalene

Concen: 14.204 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBS01

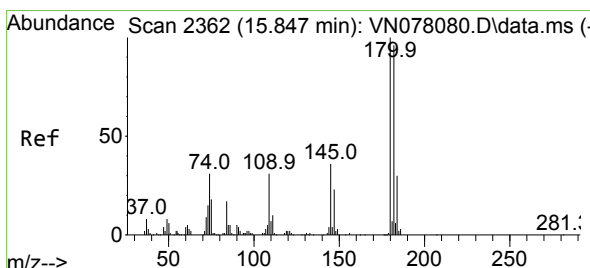
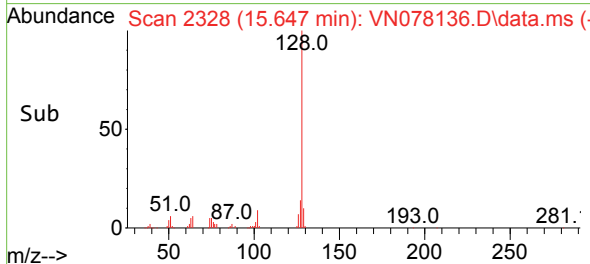
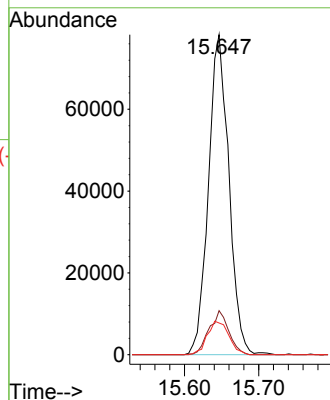
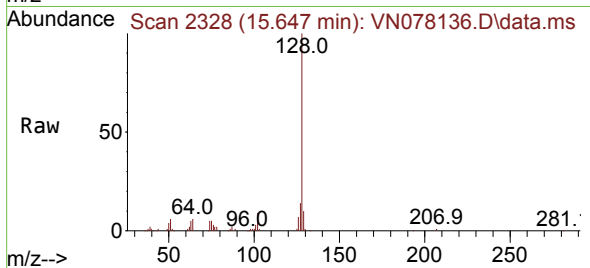
Tgt Ion:128 Resp: 149820

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.456 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078136.D

Acq: 09 Jun 2023 10:50

Tgt Ion:180 Resp: 54205

Ion Ratio Lower Upper

180 100

182 96.1 46.2 138.6

145 36.9 17.5 52.6

