

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN079005.D
 Acq On : 22 Aug 2023 19:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 03:08:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	179128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	321320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	293619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141924	50.917	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.840%	
35) Dibromofluoromethane	8.171	113	112555	52.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.080%	
50) Toluene-d8	10.571	98	405768	50.524	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.853	95	137368	52.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	111162	44.724	ug/l	97
3) Chloromethane	2.365	50	139176	40.106	ug/l	98
4) Vinyl Chloride	2.512	62	143182	47.047	ug/l	93
5) Bromomethane	2.930	94	82634	47.292	ug/l	98
6) Chloroethane	3.112	64	98878	46.475	ug/l	94
7) Trichlorofluoromethane	3.489	101	173705	46.862	ug/l	98
8) Diethyl Ether	3.965	74	69087	49.164	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.365	101	89250	45.208	ug/l	99
10) Methyl Iodide	4.589	142	119898	54.281	ug/l	90
11) Tert butyl alcohol	5.536	59	117040	250.231	ug/l	98
12) 1,1-Dichloroethene	4.336	96	92316	48.004	ug/l #	81
13) Acrolein	4.177	56	74995	321.262	ug/l	93
14) Allyl chloride	5.030	41	186028	48.603	ug/l #	88
15) Acrylonitrile	5.724	53	321226	253.512	ug/l	97
16) Acetone	4.436	43	276231	240.176	ug/l #	87
17) Carbon Disulfide	4.712	76	245803	45.662	ug/l	99
18) Methyl Acetate	5.030	43	243816	50.182	ug/l #	80
19) Methyl tert-butyl Ether	5.806	73	355781	51.359	ug/l	95
20) Methylene Chloride	5.277	84	115049	46.940	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	107236	49.728	ug/l #	80
22) Diisopropyl ether	6.683	45	412017	50.884	ug/l #	88
23) Vinyl Acetate	6.612	43	1380207	258.879	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	218156	49.318	ug/l	98
25) 2-Butanone	7.489	43	461342	250.192	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	146992	41.110	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	125405	47.845	ug/l	85
28) Bromochloromethane	7.818	49	115653	49.287	ug/l #	75
29) Tetrahydrofuran	7.841	42	309534	253.612	ug/l #	72
30) Chloroform	7.971	83	221986	50.232	ug/l	94
31) Cyclohexane	8.265	56	158160	45.247	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	182400	48.406	ug/l	93
36) 1,1-Dichloropropene	8.371	75	150767	46.338	ug/l	96
37) Ethyl Acetate	7.571	43	194192	53.344	ug/l #	89
38) Carbon Tetrachloride	8.365	117	157093	48.187	ug/l	99
39) Methylcyclohexane	9.606	83	128516	42.948	ug/l #	85
40) Benzene	8.612	78	471422	49.020	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	104035	52.472	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	180144	50.139	ug/l	96
43) Isopropyl Acetate	8.694	43	376432	58.504	ug/l #	81
44) Trichloroethene	9.359	130	108218	47.358	ug/l	97
45) 1,2-Dichloropropane	9.624	63	130379	50.920	ug/l	100
46) Dibromomethane	9.712	93	90228	51.376	ug/l	95
47) Bromodichloromethane	9.894	83	177585	51.208	ug/l	98
48) Methyl methacrylate	9.683	41	152081	52.159	ug/l #	77
49) 1,4-Dioxane	9.700	88	52925	1065.680	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	992661	260.117	ug/l #	85
52) Toluene	10.635	92	295065	49.973	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	187417	50.395	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	197237	48.696	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	122658	51.810	ug/l	95
56) Ethyl methacrylate	10.877	69	192755	52.523	ug/l #	73
57) 1,3-Dichloropropane	11.171	76	217140	51.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	390753	221.810	ug/l	90
59) 2-Hexanone	11.200	43	716924	259.372	ug/l	85
60) Dibromochloromethane	11.365	129	132641	53.241	ug/l	100
61) 1,2-Dibromoethane	11.477	107	125889	52.326	ug/l	98
64) Tetrachloroethene	11.112	164	86552	47.005	ug/l	90
65) Chlorobenzene	11.894	112	298726	47.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	118983	50.374	ug/l	96
67) Ethyl Benzene	11.971	91	534355	47.014	ug/l	99
68) m/p-Xylenes	12.076	106	409082	96.266	ug/l	99
69) o-Xylene	12.400	106	202703	49.036	ug/l	97
70) Styrene	12.418	104	340026	49.330	ug/l	99
71) Bromoform	12.582	173	90745	52.845	ug/l #	100
73) Isopropylbenzene	12.700	105	479571	44.319	ug/l	99
74) N-amyl acetate	12.500	43	262981	48.148	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	187791	48.064	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	229694	73.456	ug/l	65
77) Bromobenzene	12.982	156	123391	47.440	ug/l	96
78) n-propylbenzene	13.041	91	554844	44.218	ug/l	99
79) 2-Chlorotoluene	13.129	91	344757	44.292	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	398087	46.423	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	58691	47.948	ug/l #	84
82) 4-Chlorotoluene	13.223	91	342980	45.034	ug/l	99
83) tert-Butylbenzene	13.441	119	317407	44.054	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	396226	46.665	ug/l	98
85) sec-Butylbenzene	13.618	105	440969	44.473	ug/l	99
86) p-Isopropyltoluene	13.735	119	365459	46.133	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	207422	46.344	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	201785	45.044	ug/l	98
89) n-Butylbenzene	14.059	91	280614	43.043	ug/l	99
90) Hexachloroethane	14.335	117	71888	45.270	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	208690	46.887	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	34844	54.301	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	71967	45.610	ug/l	95
94) Hexachlorobutadiene	15.506	225	37372	44.751	ug/l	97
95) Naphthalene	15.647	128	235239	39.884	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	80208	46.412	ug/l	98

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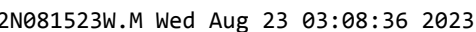
Instrument :
MSVOA_N
ClientSampleId :

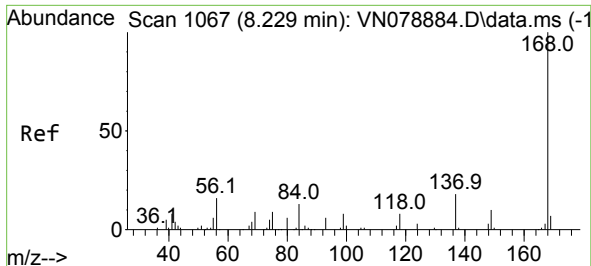
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

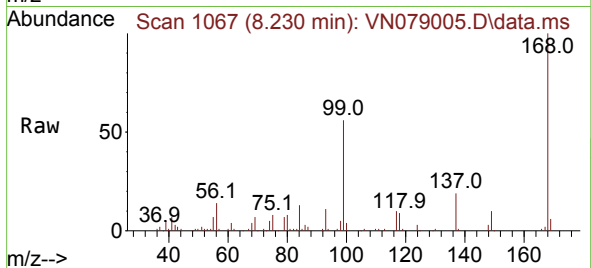
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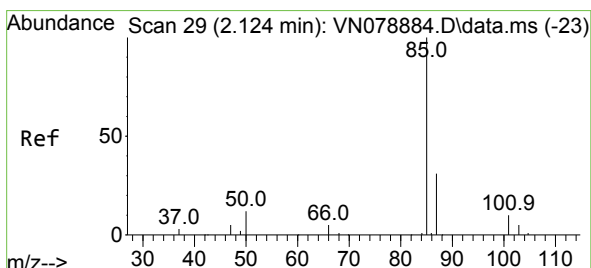
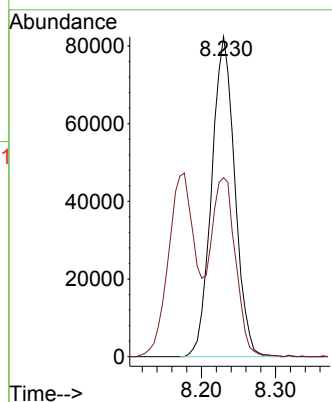
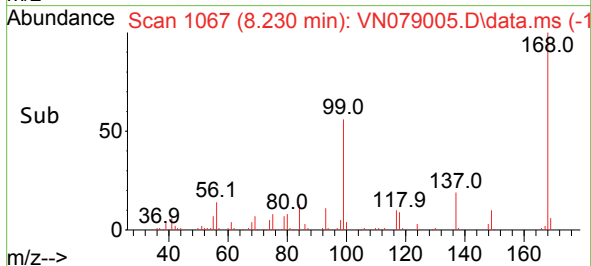


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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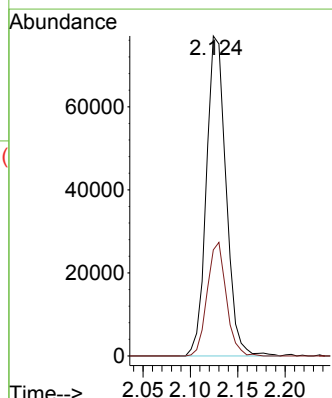
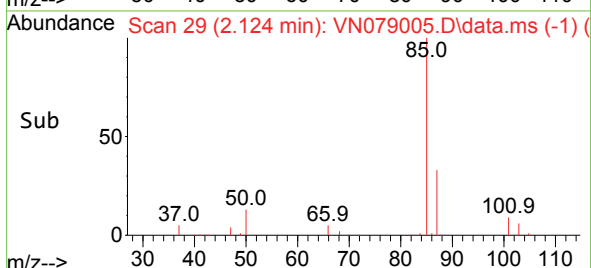
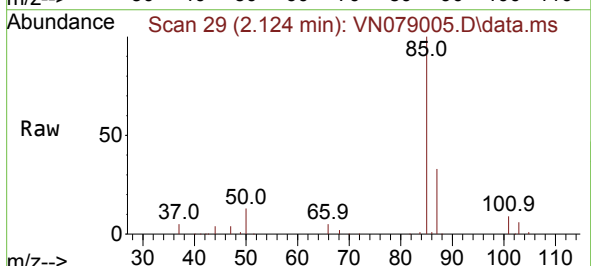


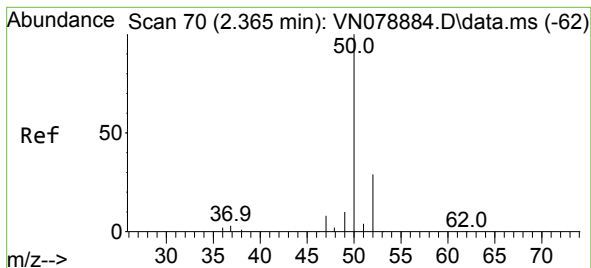
Tgt Ion:168 Resp: 179128
Ion Ratio Lower Upper
168 100
99 55.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 44.724 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion: 85 Resp: 111162
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3

Chloromethane

Concen: 40.106 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

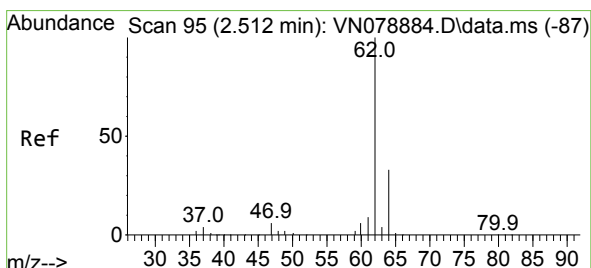
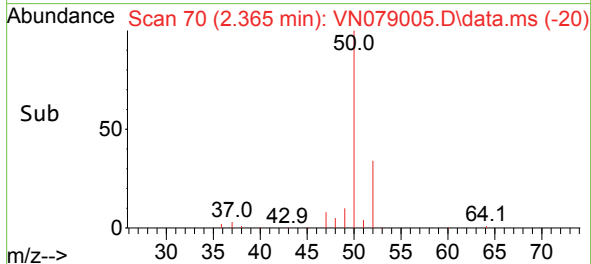
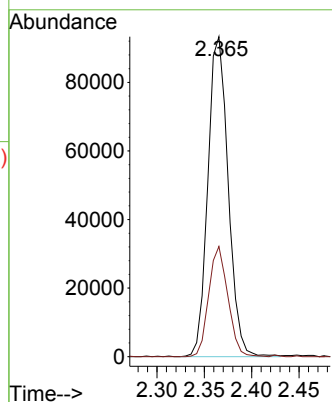
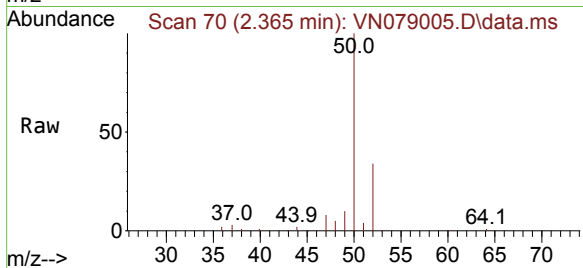
ClientSampleId :

Tgt Ion: 50 Resp: 139176

Ion Ratio Lower Upper

50 100

52 34.5 26.5 39.7



#4

Vinyl Chloride

Concen: 47.047 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079005.D

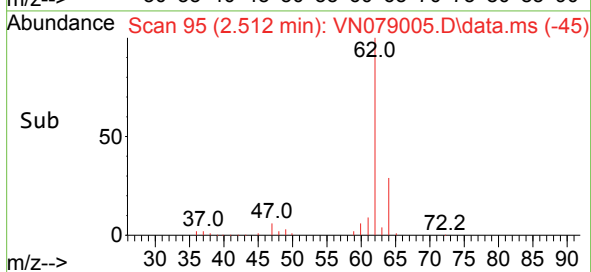
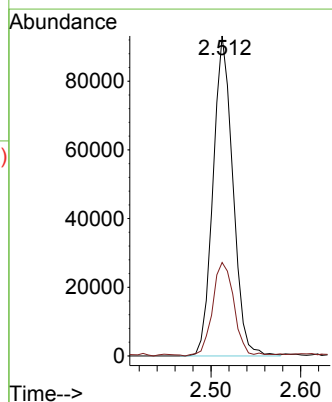
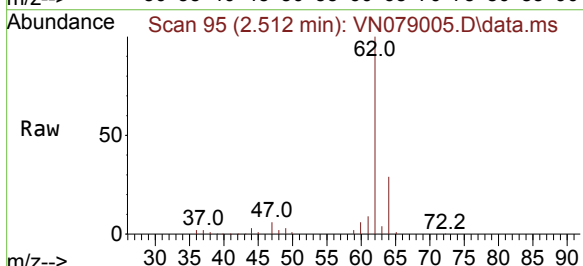
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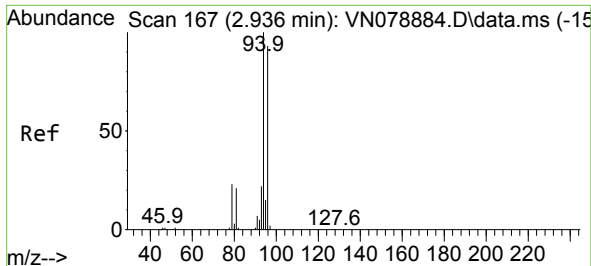
Tgt Ion: 62 Resp: 143182

Ion Ratio Lower Upper

62 100

64 28.9 26.2 39.2

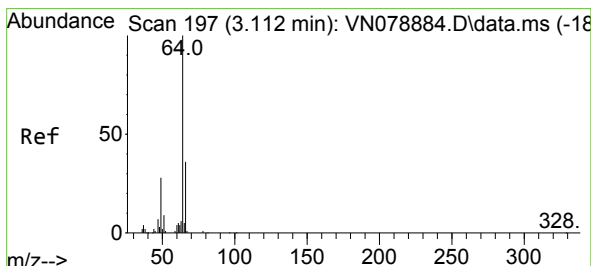
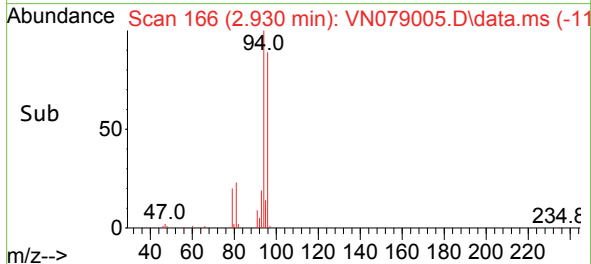
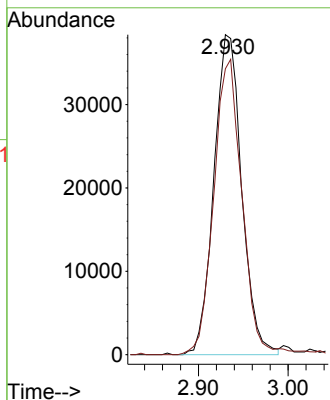
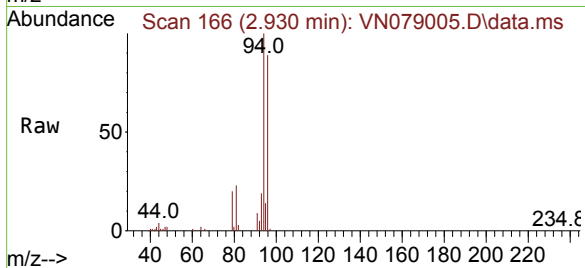




#5
Bromomethane
Concen: 47.292 ug/l
RT: 2.930 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN079005.D
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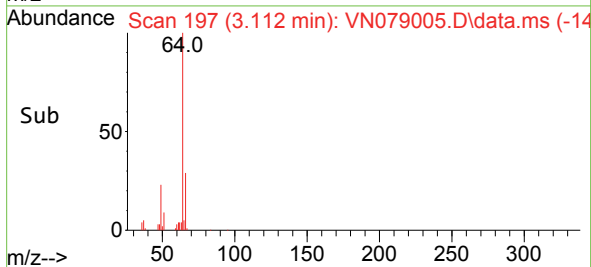
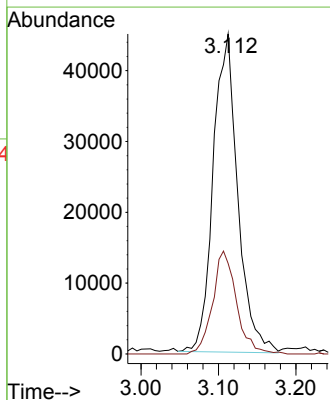
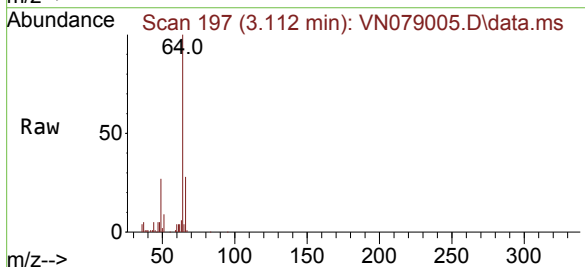
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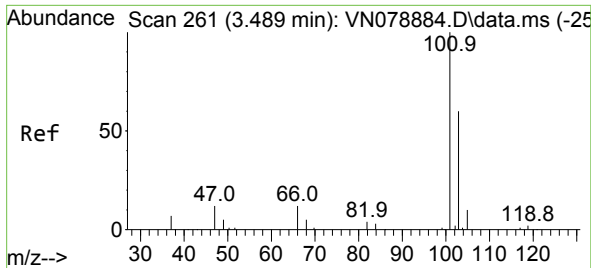
Tgt Ion: 94 Resp: 82634
Ion Ratio Lower Upper
94 100
96 89.3 73.1 109.7



#6
Chloroethane
Concen: 46.475 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

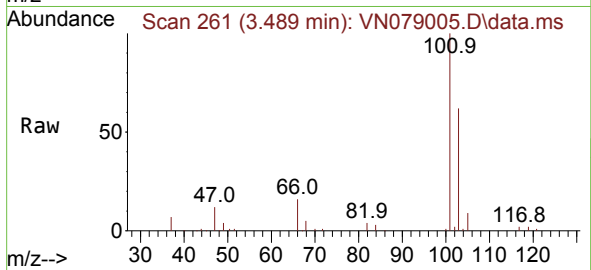
Tgt Ion: 64 Resp: 98878
Ion Ratio Lower Upper
64 100
66 28.5 25.4 38.2



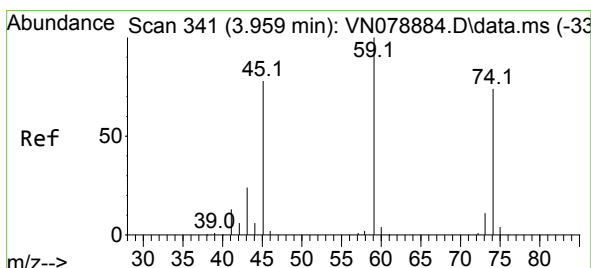
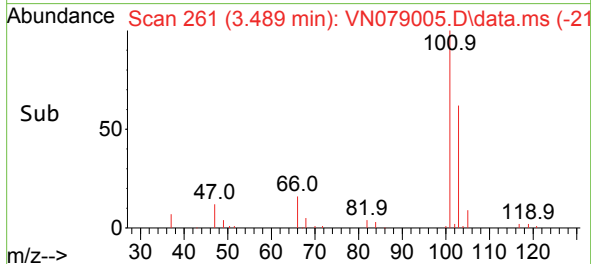
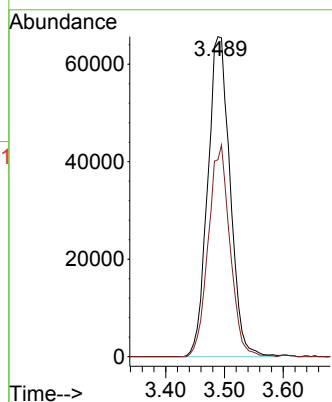


#7
 Trichlorofluoromethane
 Concen: 46.862 ug/l
 RT: 3.489 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

Instrument :
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 ClientSampleId :

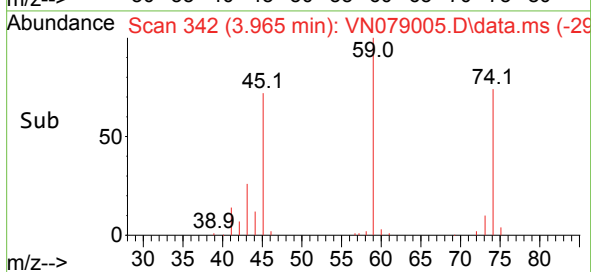
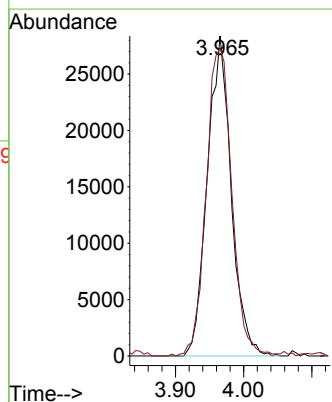
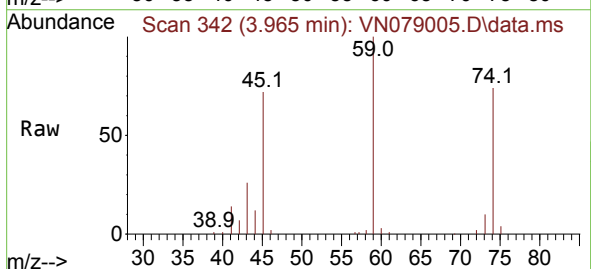


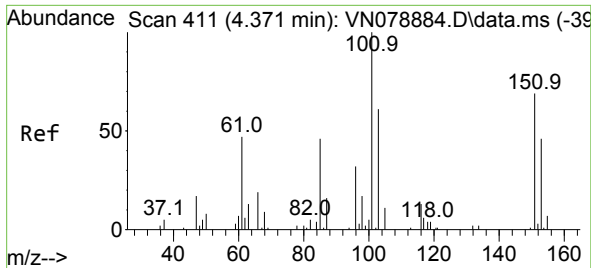
Tgt Ion:101 Resp: 173705
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 49.164 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN079005.D
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Tgt Ion: 74 Resp: 69087
 Ion Ratio Lower Upper
 74 100
 45 103.6 34.4 103.3#

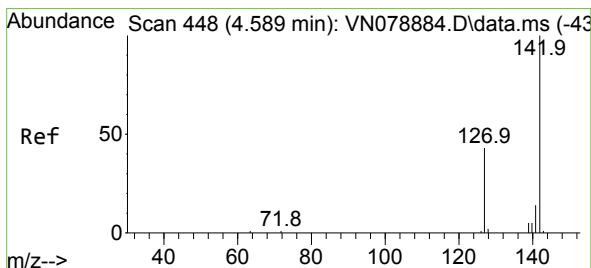
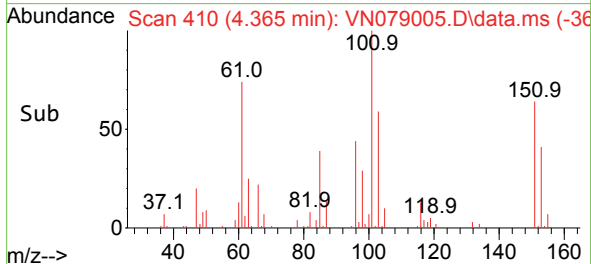
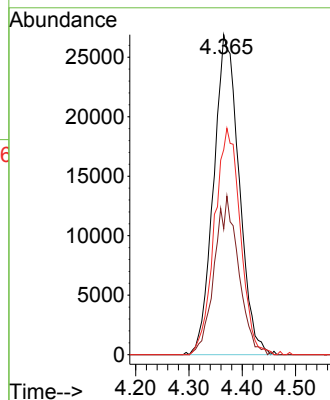
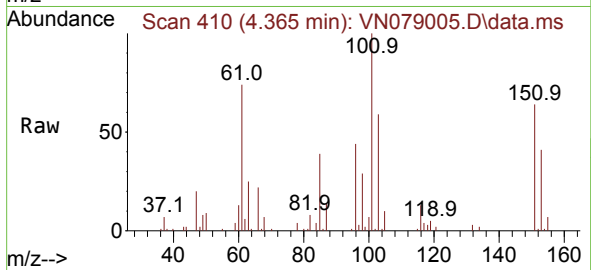




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.208 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

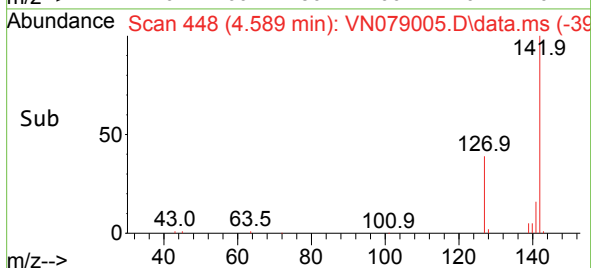
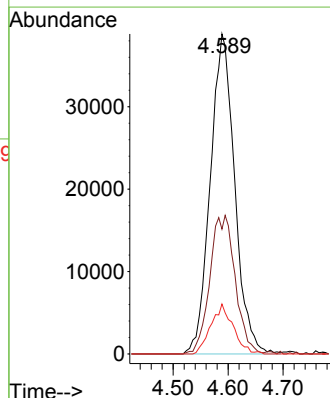
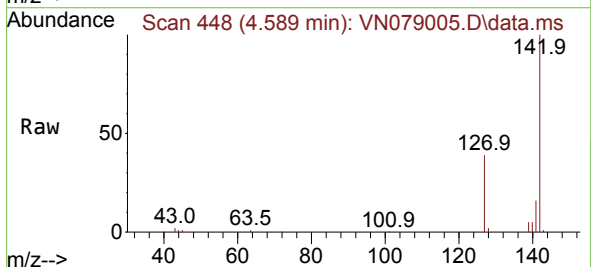
Instrument :
MSVOA_N
ClientSampleId :

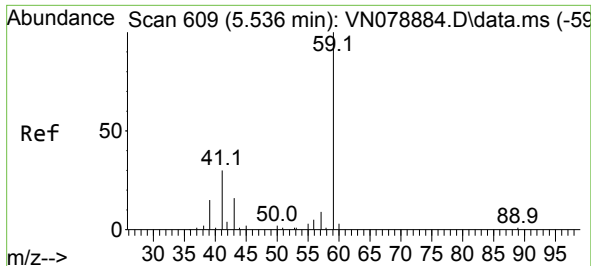
Tgt Ion:101 Resp: 89250
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 71.9 57.6 86.4



#10
Methyl Iodide
Concen: 54.281 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

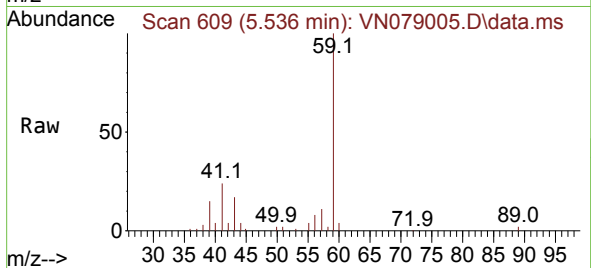
Tgt Ion:142 Resp: 119898
Ion Ratio Lower Upper
142 100
127 39.0 37.6 56.4
141 15.6 11.4 17.0



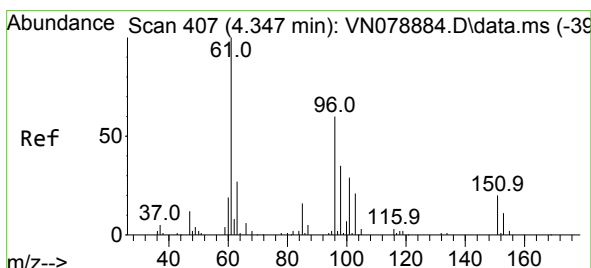
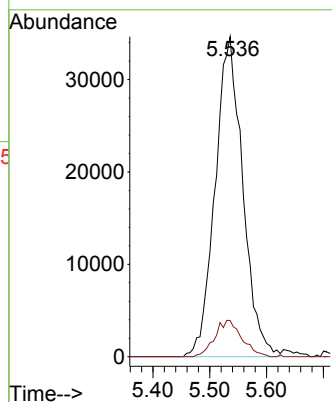
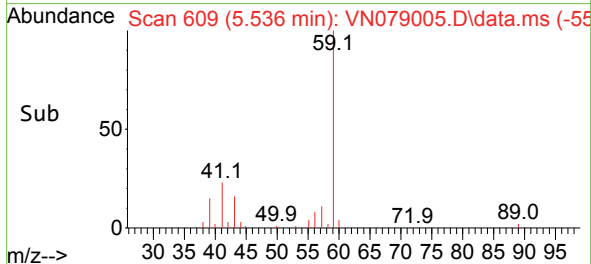


#11
Tert butyl alcohol
Concen: 250.231 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

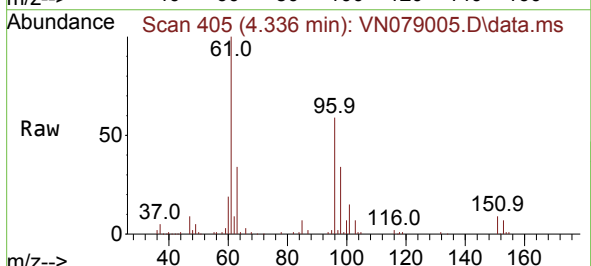
Instrument :
MSVOA_N
ClientSampleId :



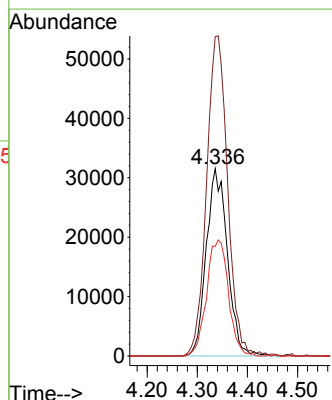
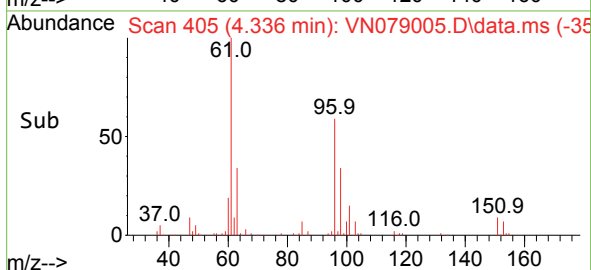
Tgt Ion: 59 Resp: 117040
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

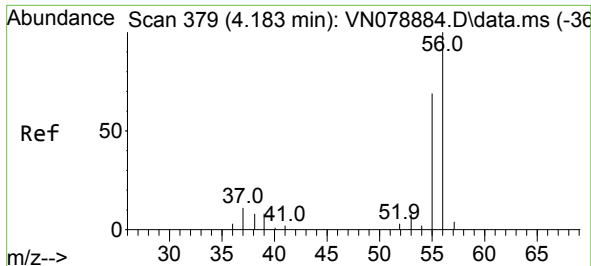


#12
1,1-Dichloroethene
Concen: 48.004 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37



Tgt Ion: 96 Resp: 92316
Ion Ratio Lower Upper
96 100
61 170.6 112.7 169.1#
98 58.6 51.2 76.8





#13

Acrolein

Concen: 321.262 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.018 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

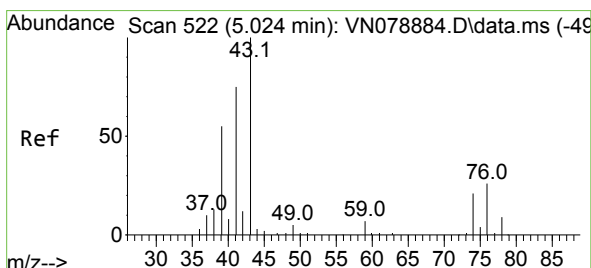
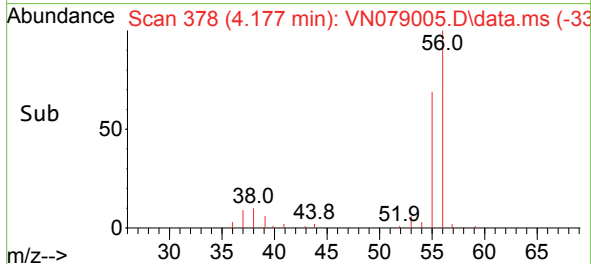
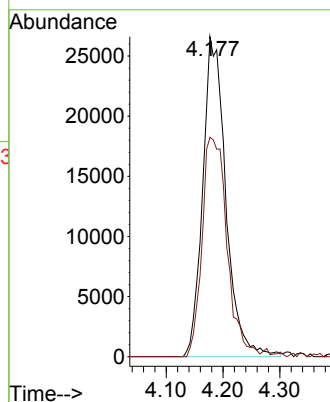
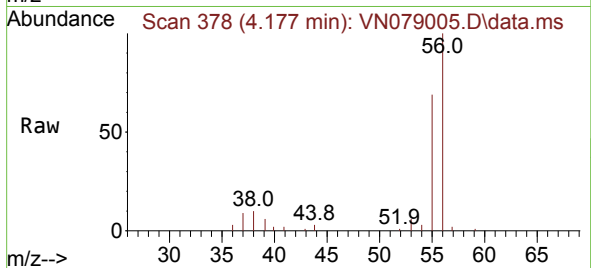
ClientSampleId :

Tgt Ion: 56 Resp: 74995

Ion Ratio Lower Upper

56 100

55 73.7 54.5 81.7



#14

Allyl chloride

Concen: 48.603 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

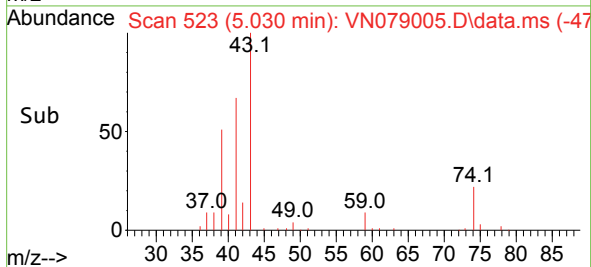
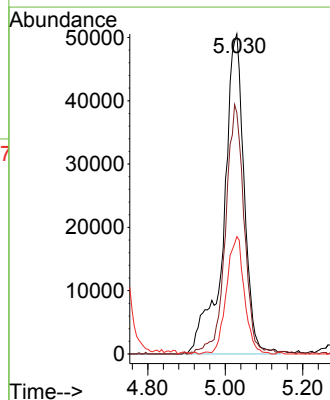
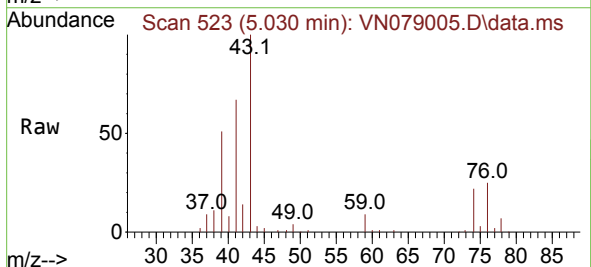
Tgt Ion: 41 Resp: 186028

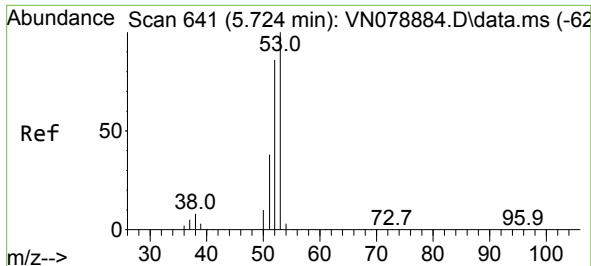
Ion Ratio Lower Upper

41 100

39 70.8 58.8 88.2

76 31.9 39.1 58.7#

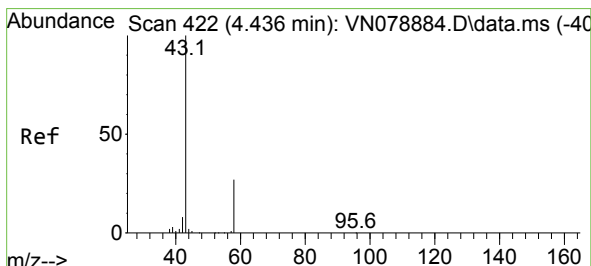
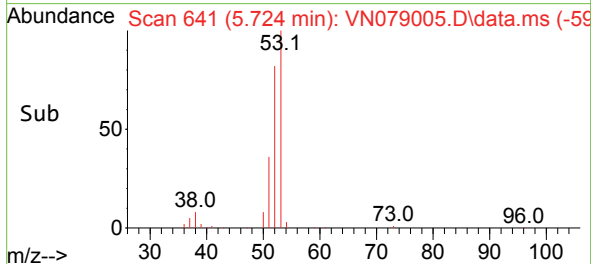
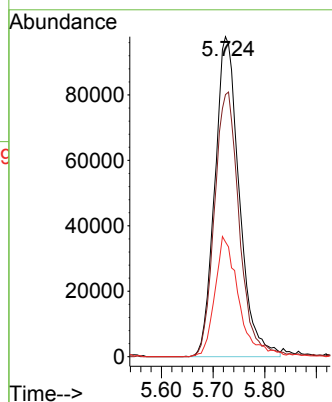
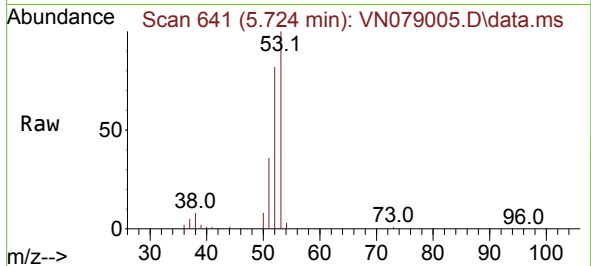




#15
Acrylonitrile
Concen: 253.512 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

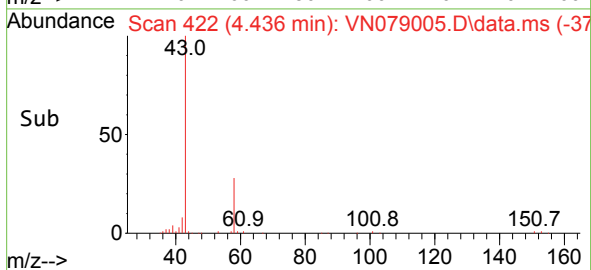
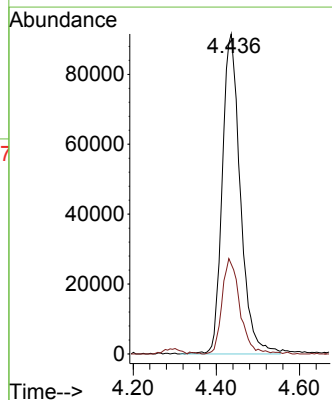
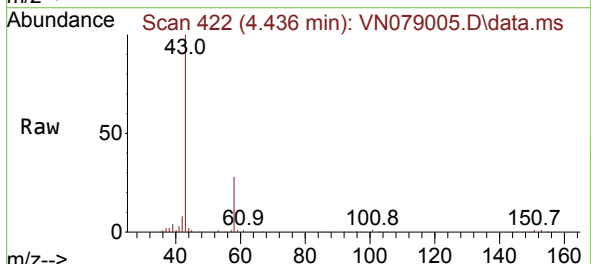
Instrument :
MSVOA_N
ClientSampleId :

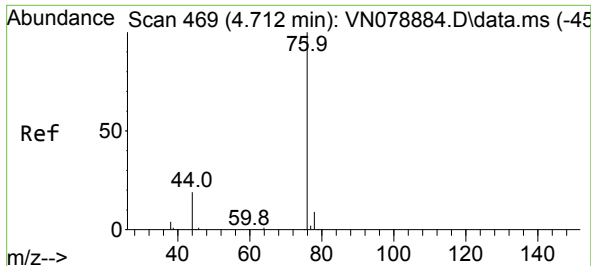
Tgt Ion: 53 Resp: 321226
Ion Ratio Lower Upper
53 100
52 84.7 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 240.176 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion: 43 Resp: 276231
Ion Ratio Lower Upper
43 100
58 27.6 28.0 42.0#

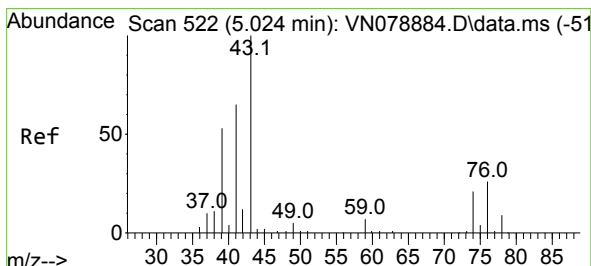
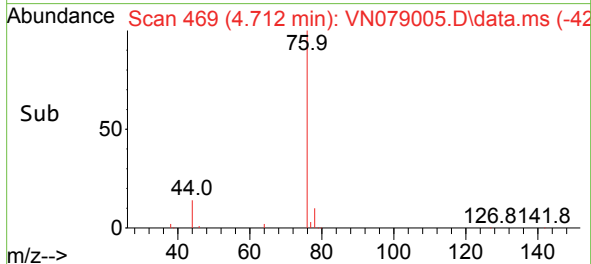
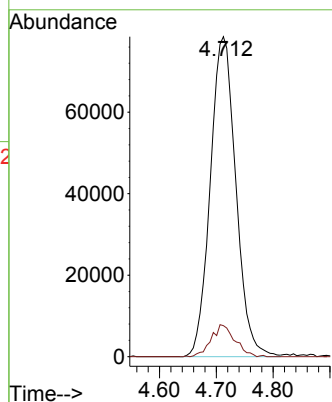
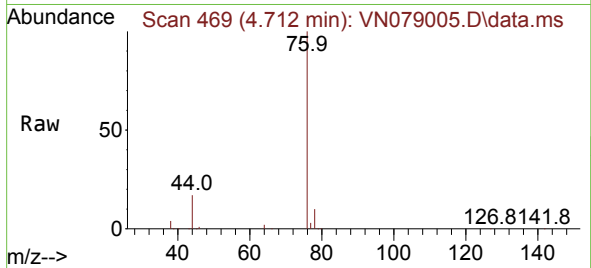




#17
Carbon Disulfide
Concen: 45.662 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

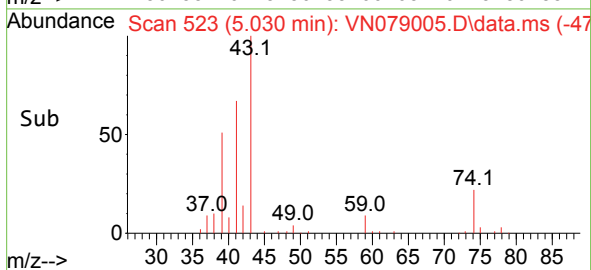
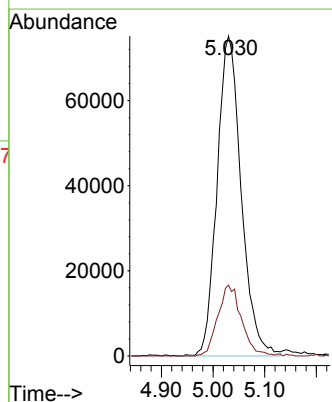
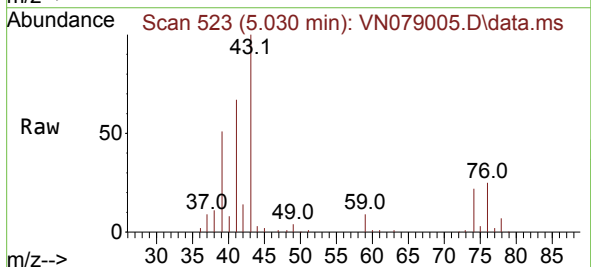
Instrument :
MSVOA_N
ClientSampleId :

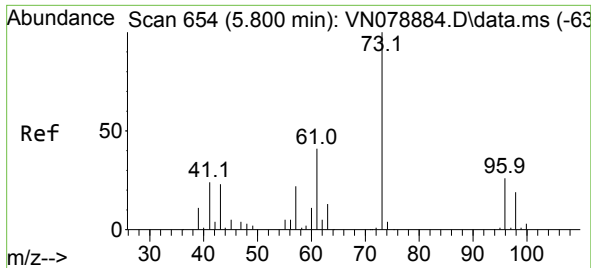
Tgt Ion: 76 Resp: 245803
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 50.182 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion: 43 Resp: 243816
Ion Ratio Lower Upper
43 100
74 21.7 26.2 39.4#

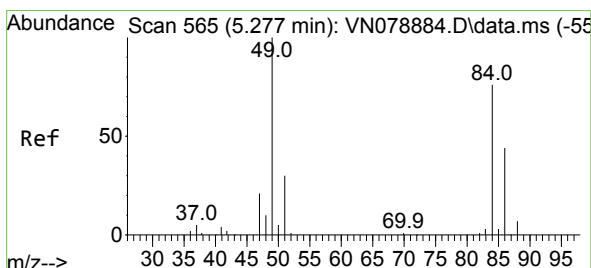
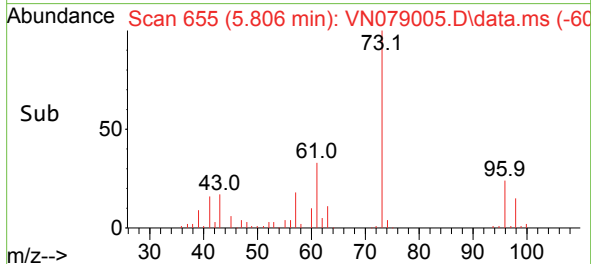
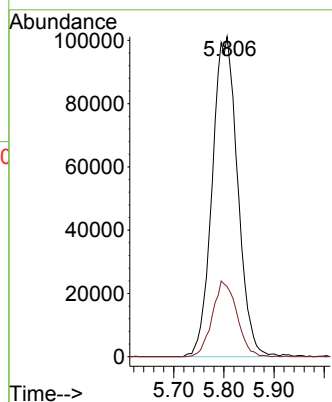
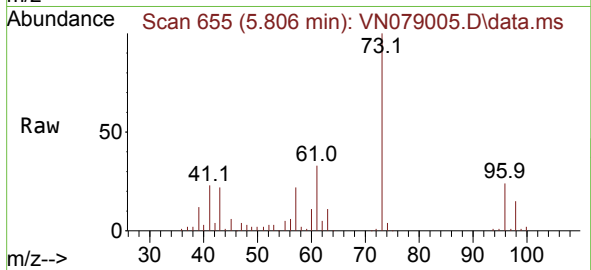




#19
Methyl tert-butyl Ether
Concen: 51.359 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

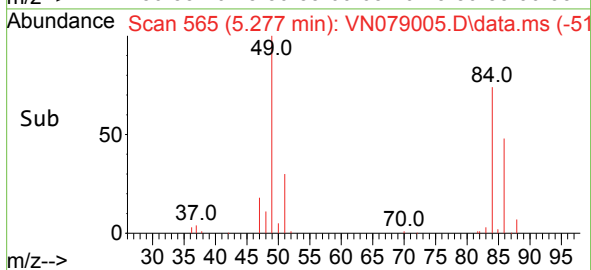
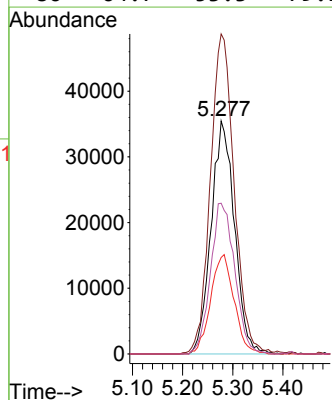
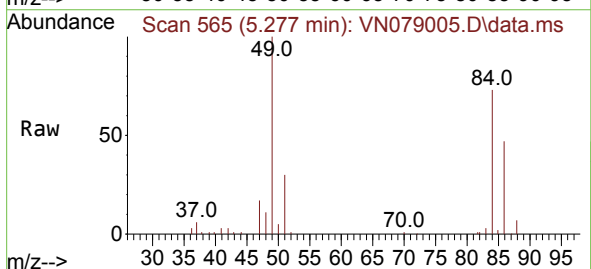
Instrument :
MSVOA_N
ClientSampleId :

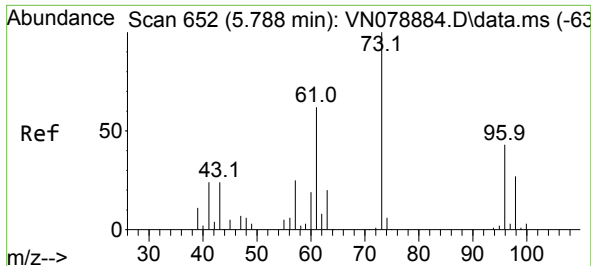
Tgt Ion: 73 Resp: 355781
Ion Ratio Lower Upper
73 100
57 21.9 15.6 23.4



#20
Methylene Chloride
Concen: 46.940 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

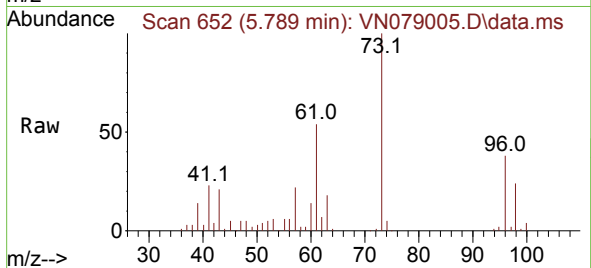
Tgt Ion: 84 Resp: 115049
Ion Ratio Lower Upper
84 100
49 137.3 79.7 119.5#
51 41.4 25.2 37.8#
86 64.7 53.3 79.9



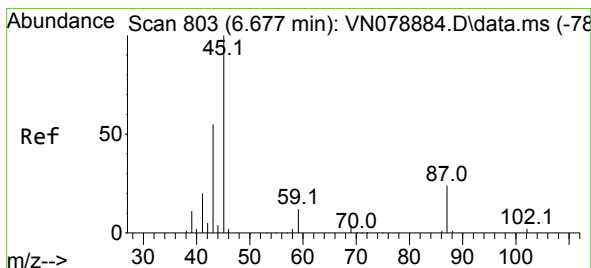
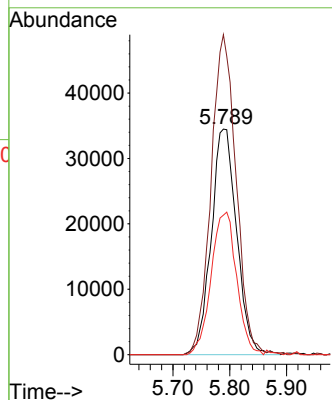
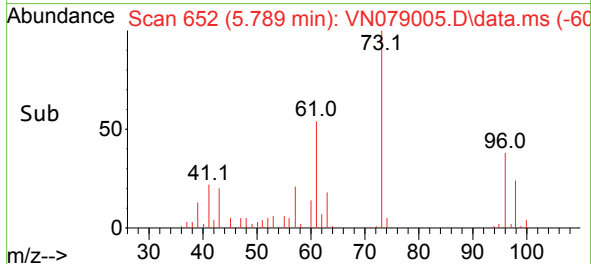


#21
trans-1,2-Dichloroethene
Concen: 49.728 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

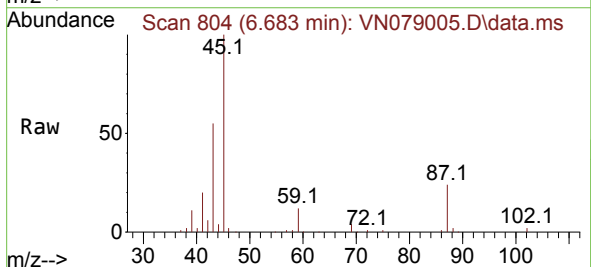
Instrument :
MSVOA_N
ClientSampleId :



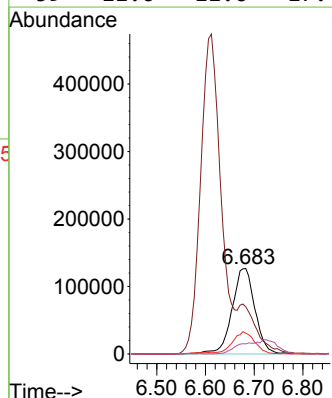
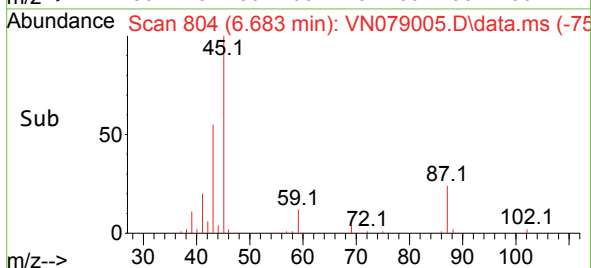
Tgt Ion: 96 Resp: 107236
Ion Ratio Lower Upper
96 100
61 141.8 90.1 135.1#
98 61.8 46.4 69.6

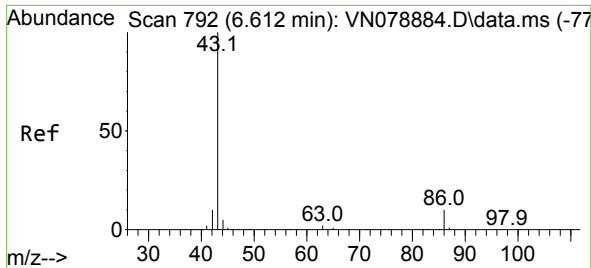


#22
Diisopropyl ether
Concen: 50.884 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37



Tgt Ion: 45 Resp: 412017
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 24.2 31.8 47.8#
59 11.6 11.6 17.4#

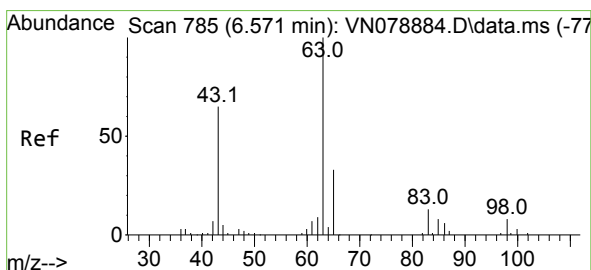
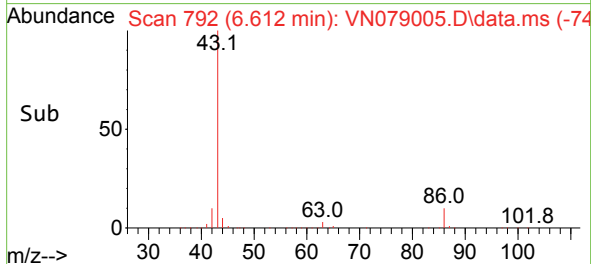
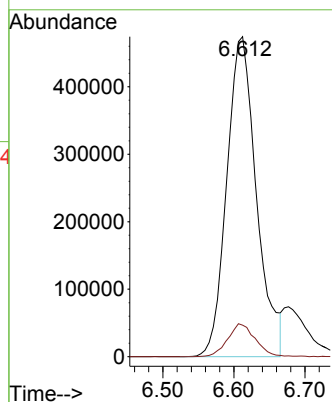
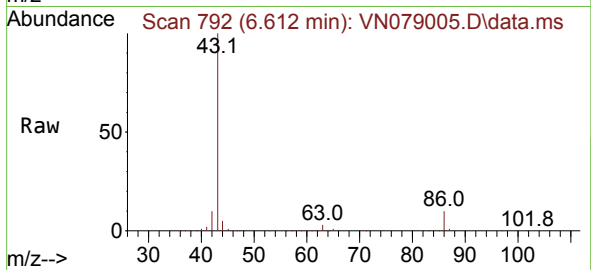




#23
 Vinyl Acetate
 Concen: 258.879 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

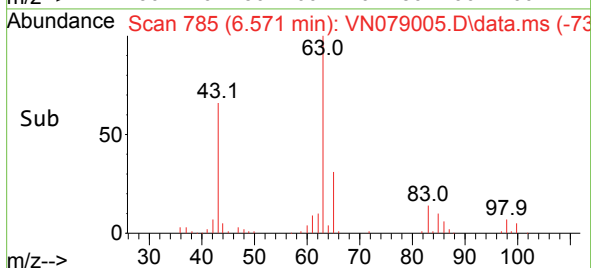
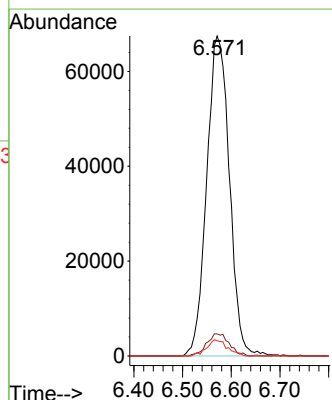
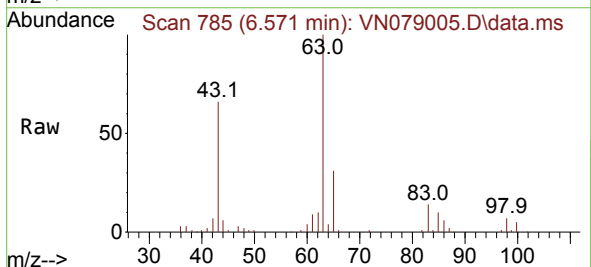
Instrument :
 MSVOA_N
 ClientSampleId :

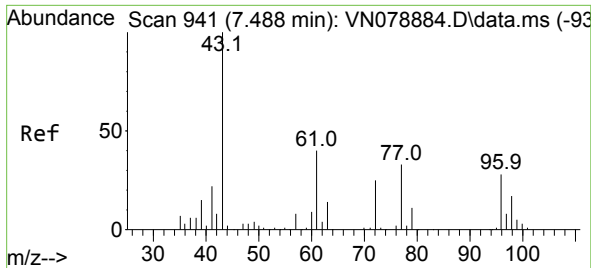
Tgt Ion: 43 Resp: 1380207
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 49.318 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

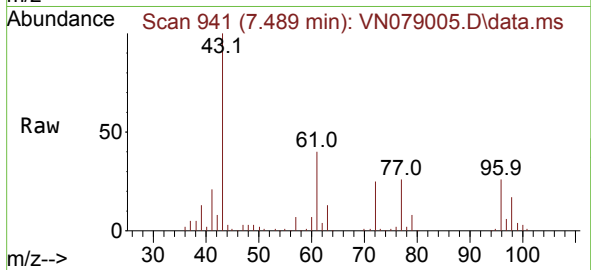
Tgt Ion: 63 Resp: 218156
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.8 2.5 7.4



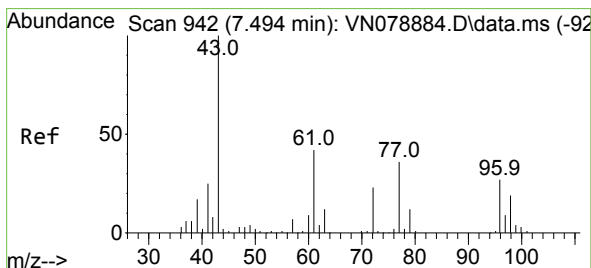
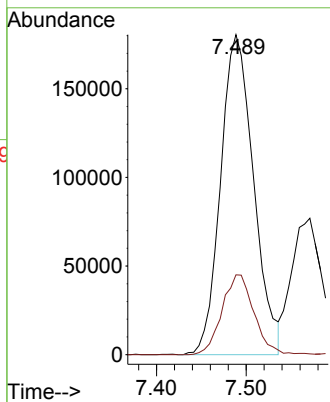
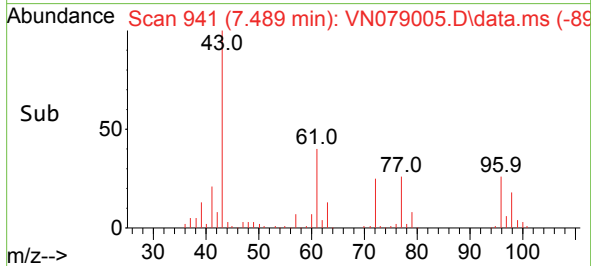


#25
2-Butanone
Concen: 250.192 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

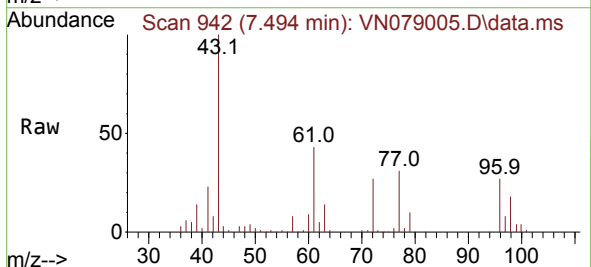
Instrument :
MSVOA_N
ClientSampleId :



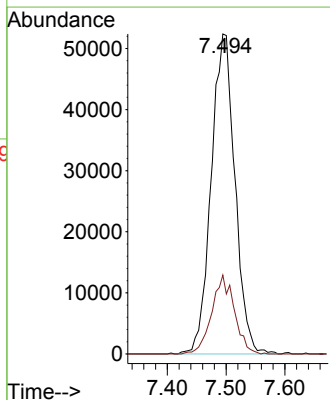
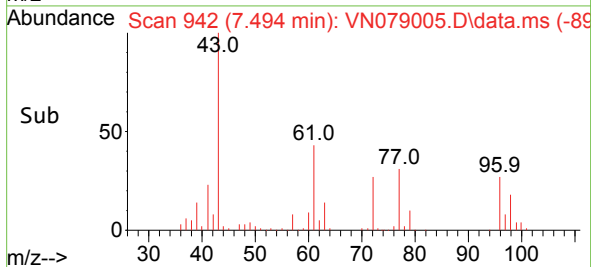
Tgt Ion: 43 Resp: 461342
Ion Ratio Lower Upper
43 100
72 25.0 30.2 45.2#

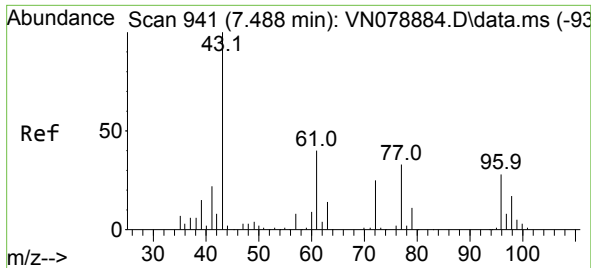


#26
2,2-Dichloropropane
Concen: 41.110 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37



Tgt Ion: 77 Resp: 146992
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6

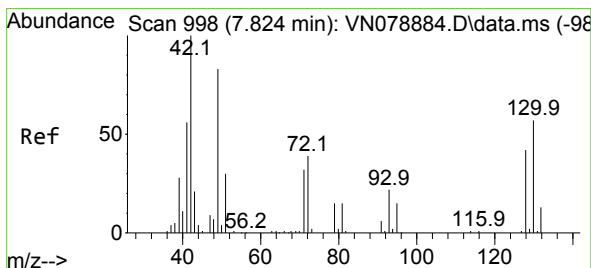
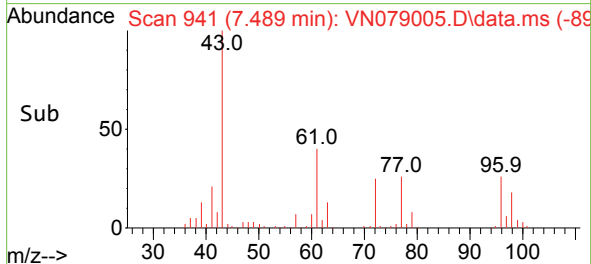
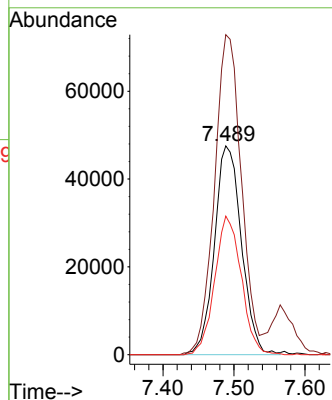
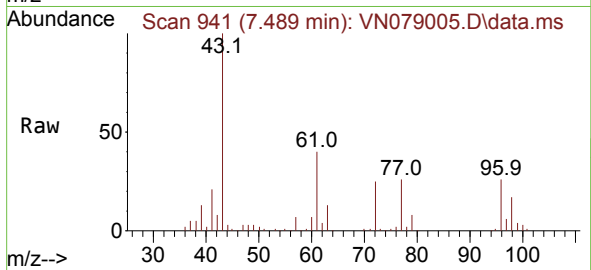




#27
 cis-1,2-Dichloroethene
 Concen: 47.845 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

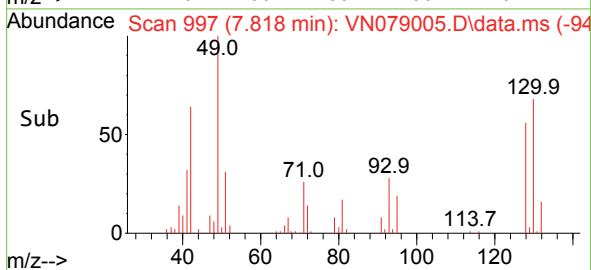
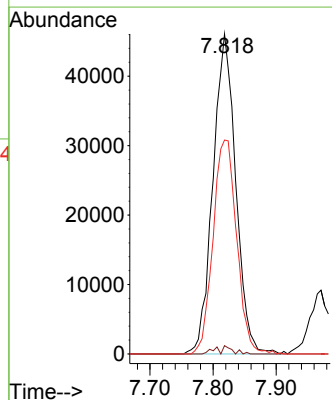
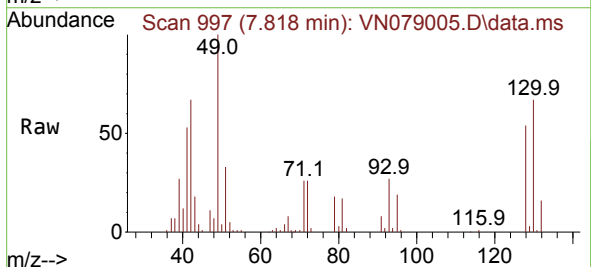
Instrument :
 MSVOA_N
 ClientSampleId :

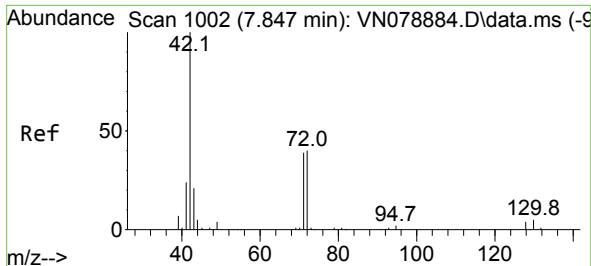
Tgt Ion: 96 Resp: 125405
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 255.2
 98 65.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.287 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

Tgt Ion: 49 Resp: 115653
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 69.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 253.612 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

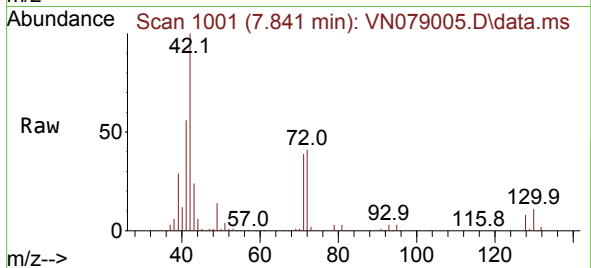
Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :



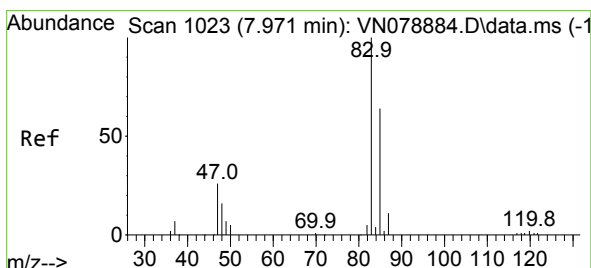
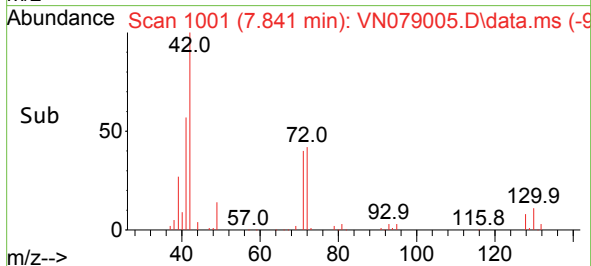
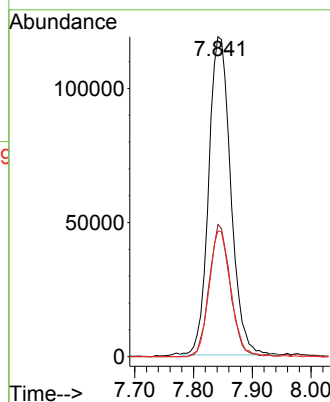
Tgt Ion: 42 Resp: 309534

Ion Ratio Lower Upper

42 100

72 39.7 49.8 74.6#

71 38.9 47.4 71.2#



#30

Chloroform

Concen: 50.232 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079005.D

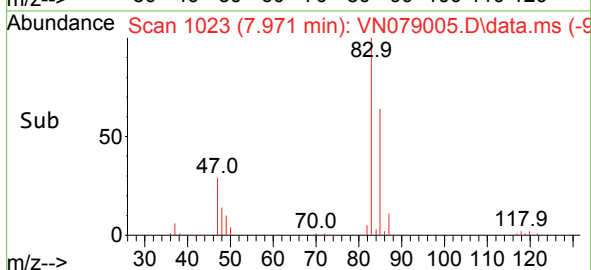
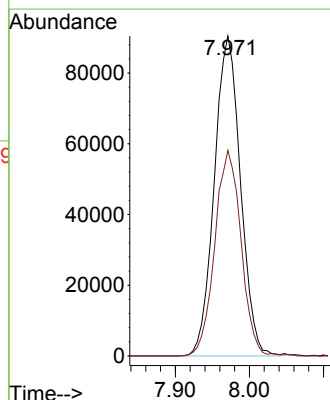
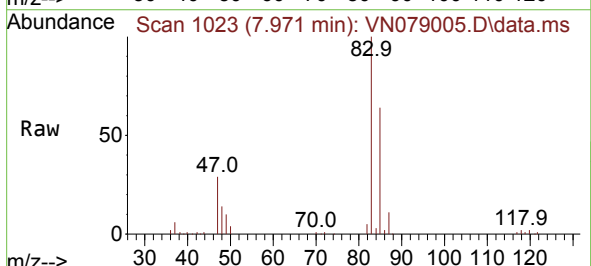
Acq: 22 Aug 2023 19:37

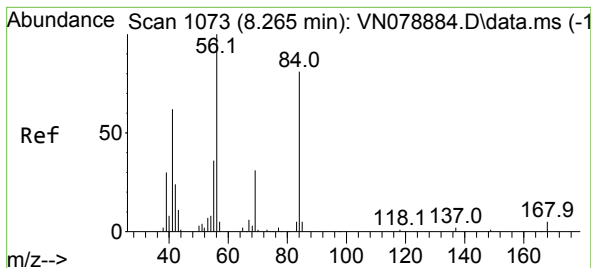
Tgt Ion: 83 Resp: 221986

Ion Ratio Lower Upper

83 100

85 64.2 55.4 83.0





#31

Cyclohexane

Concen: 45.247 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

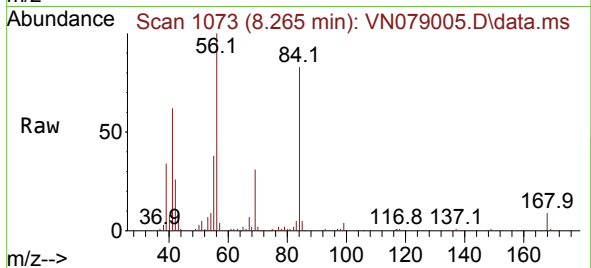
Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :



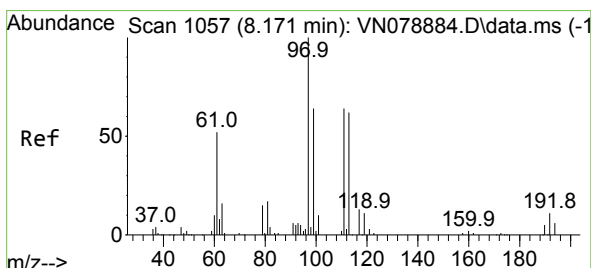
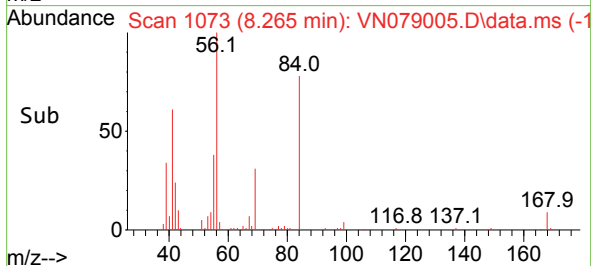
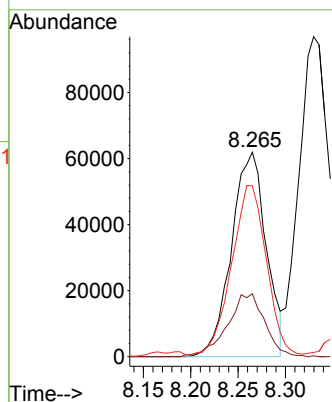
Tgt Ion: 56 Resp: 158160

Ion Ratio Lower Upper

56 100

69 30.8 26.8 40.2

84 81.0 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 48.406 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

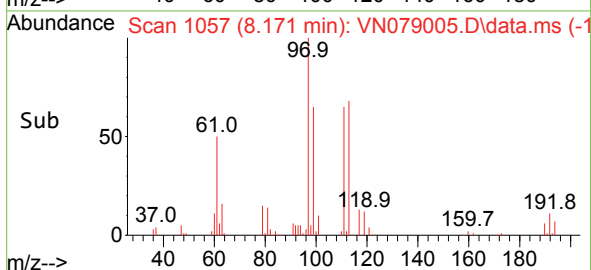
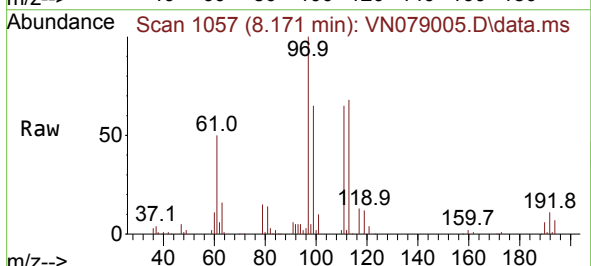
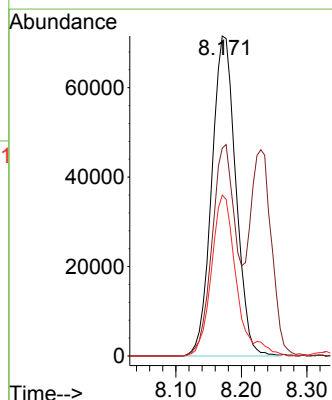
Tgt Ion: 97 Resp: 182400

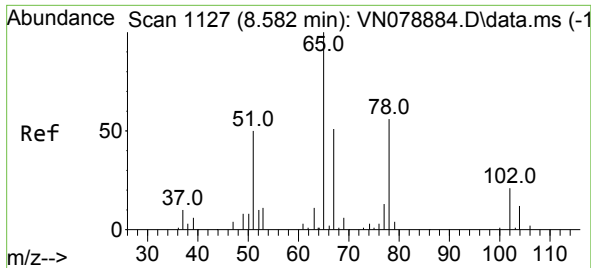
Ion Ratio Lower Upper

97 100

99 64.4 50.3 75.5

61 51.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.917 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

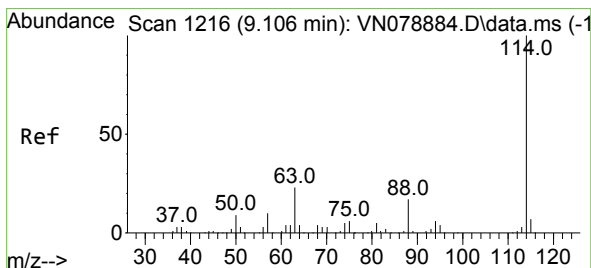
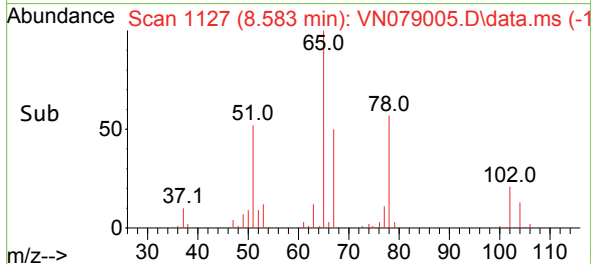
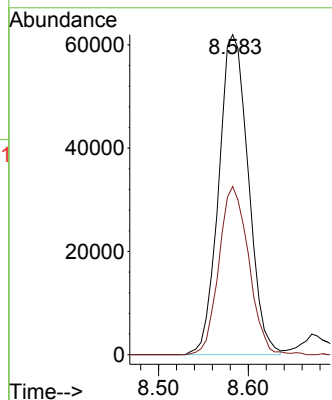
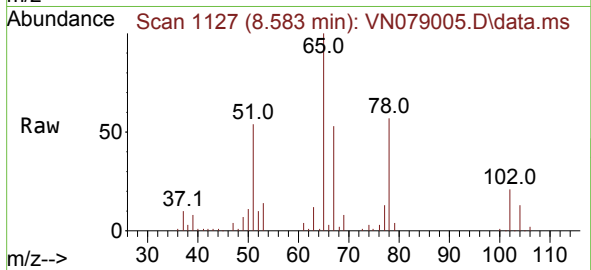
ClientSampleId :

Tgt Ion: 65 Resp: 141924

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

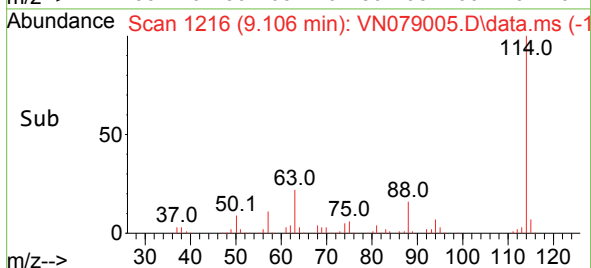
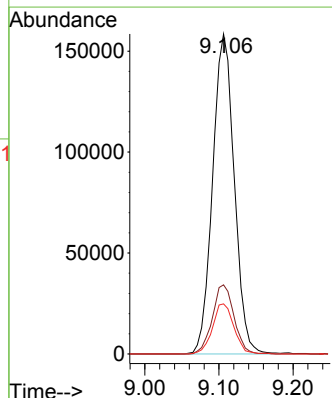
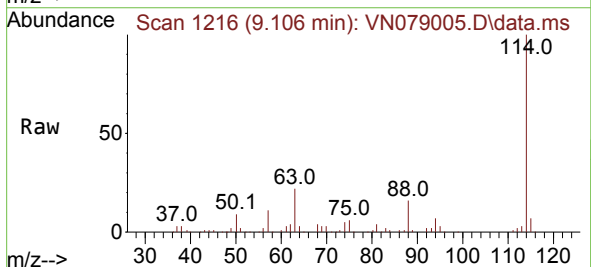
Tgt Ion: 114 Resp: 321320

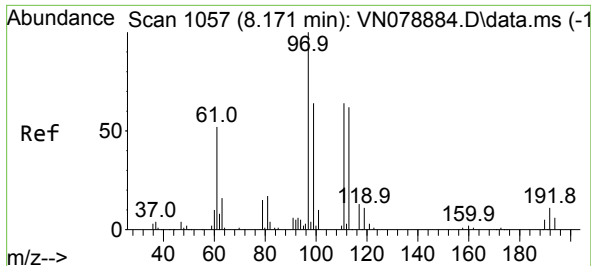
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.038 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

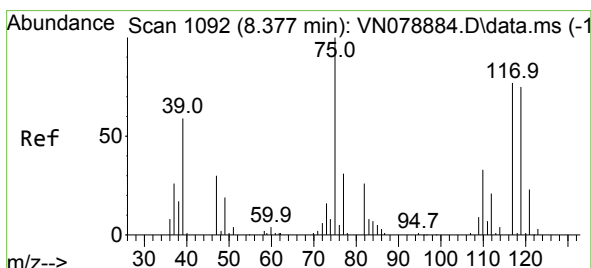
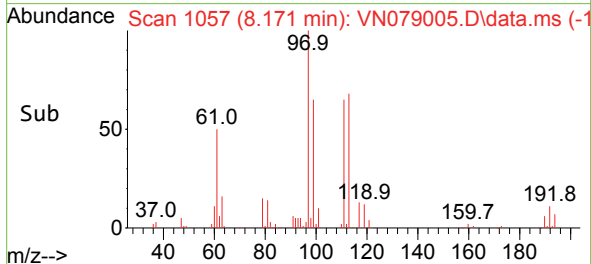
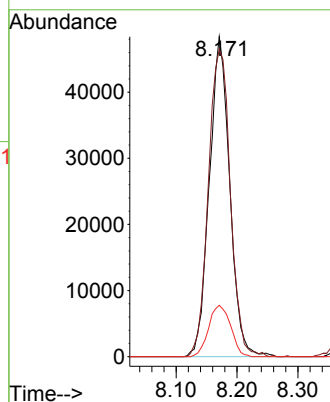
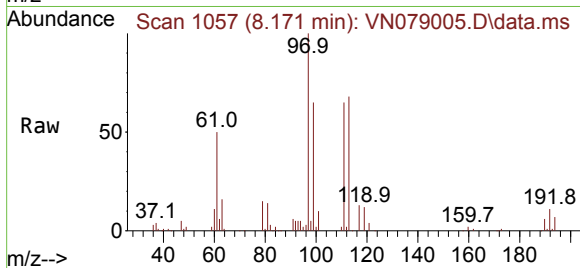
Tgt Ion:113 Resp: 112555

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 17.3 12.7 19.1



#36

1,1-Dichloropropene

Concen: 46.338 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

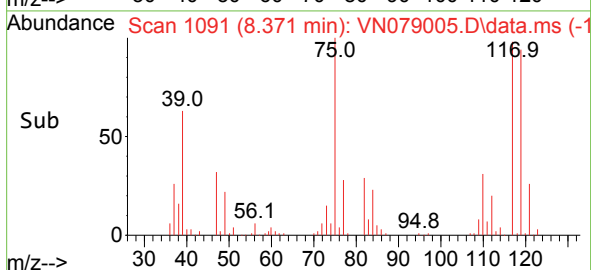
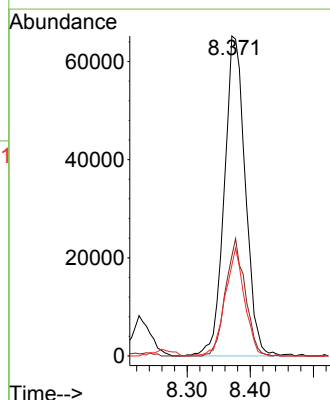
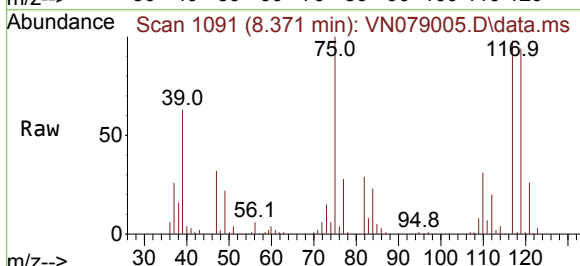
Tgt Ion: 75 Resp: 150767

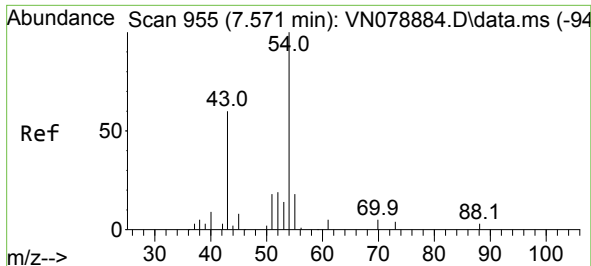
Ion Ratio Lower Upper

75 100

110 34.2 19.1 57.3

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 53.344 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079005.D

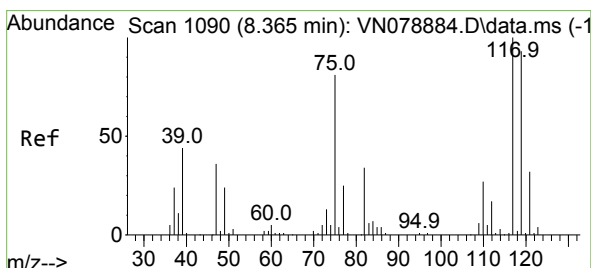
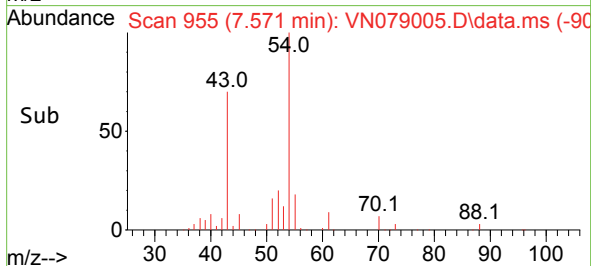
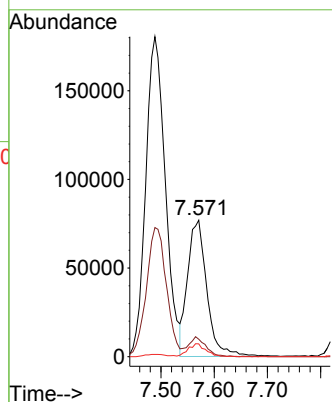
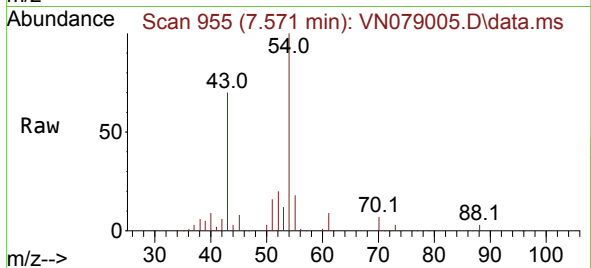
Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	194192
Ion	Ratio	Lower	Upper
43	100		
61	12.6	13.2	19.8#
70	8.7	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 48.187 ug/l

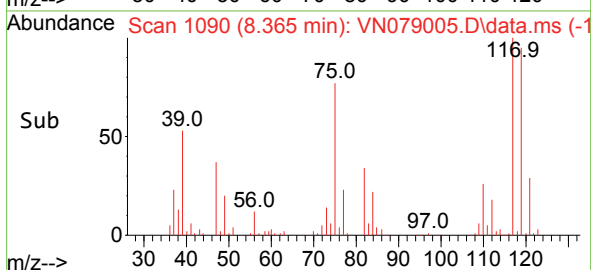
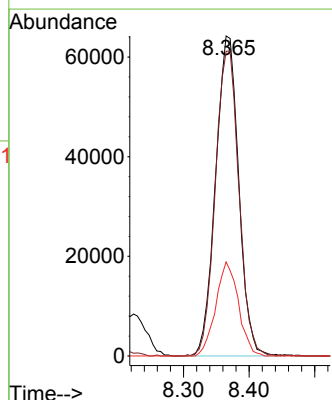
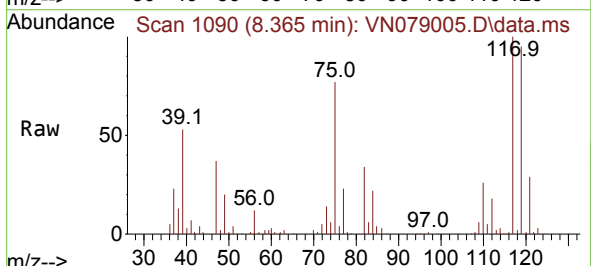
RT: 8.365 min Scan# 1090

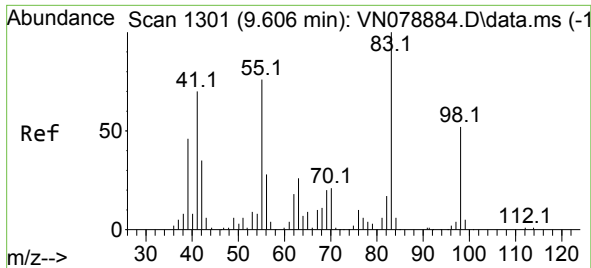
Delta R.T. -0.006 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Tgt Ion:	117	Resp:	157093
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.3	115.9
121	29.4	23.3	34.9

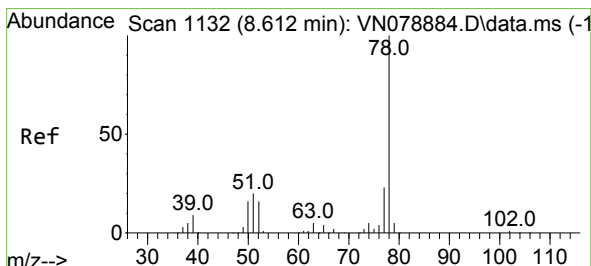
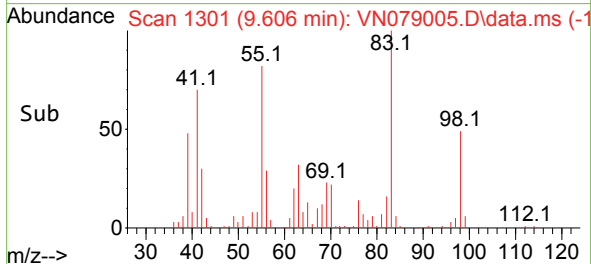
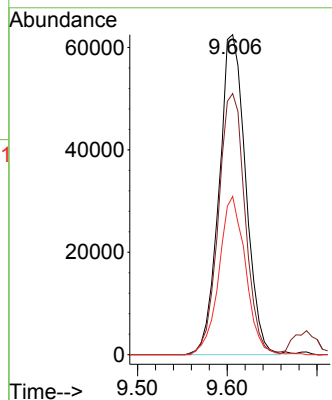
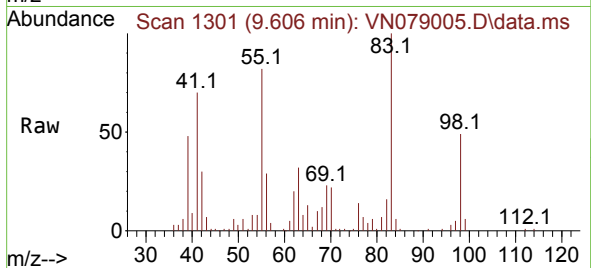




#39
Methylcyclohexane
Concen: 42.948 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

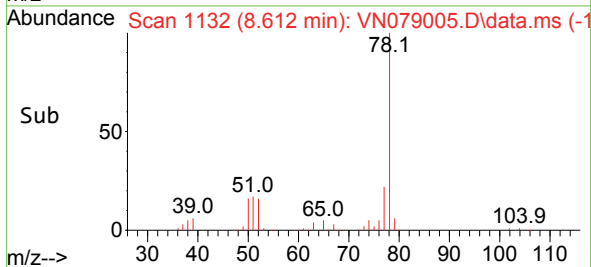
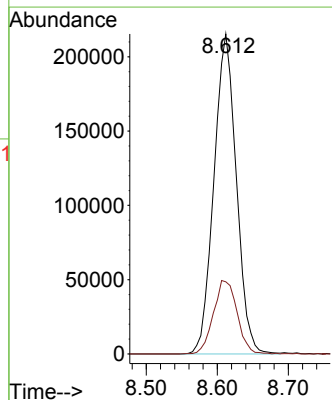
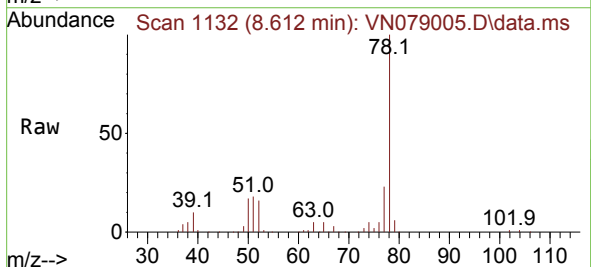
Instrument :
MSVOA_N
ClientSampleId :

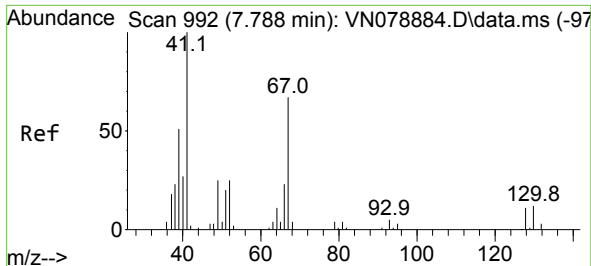
Tgt Ion: 83 Resp: 128516
Ion Ratio Lower Upper
83 100
55 81.6 49.1 73.7#
98 49.4 40.6 61.0



#40
Benzene
Concen: 49.020 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion: 78 Resp: 471422
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6

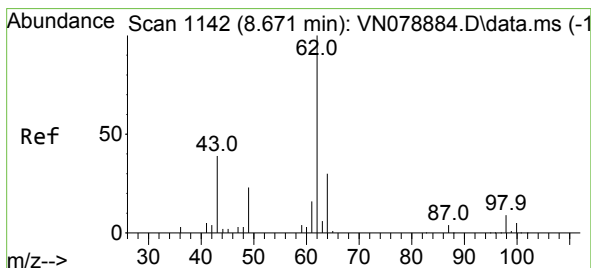
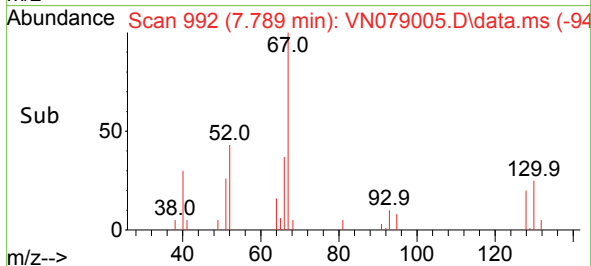
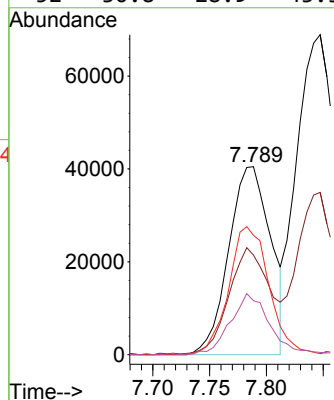
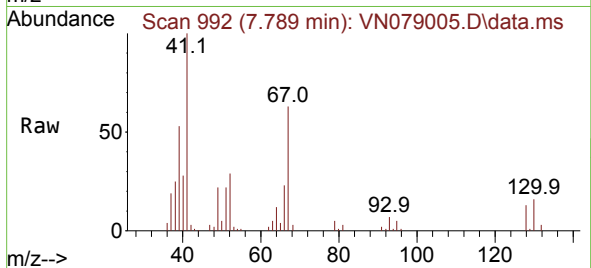




#41
Methacrylonitrile
Concen: 52.472 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

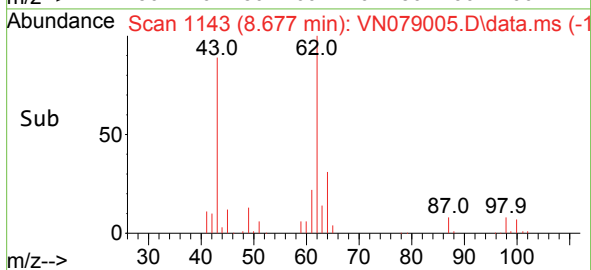
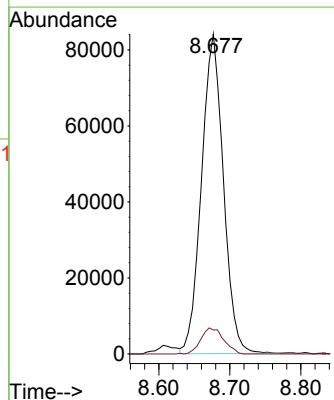
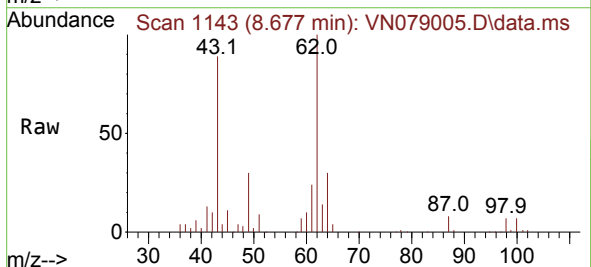
Instrument :
MSVOA_N
ClientSampleId :

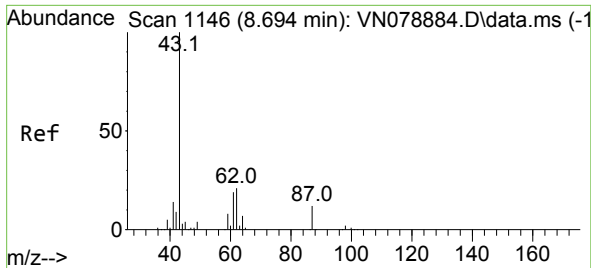
Tgt Ion:	41	Resp:	104035
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.6	64.0
67	65.5	77.5	116.3
52	30.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 50.139 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion:	62	Resp:	180144
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	19.8

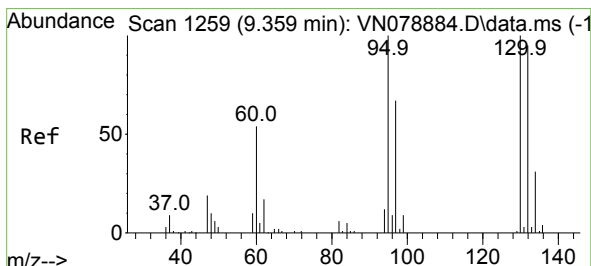
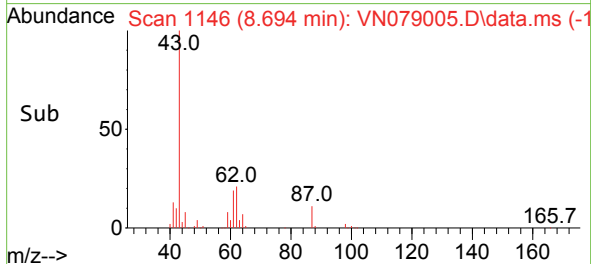
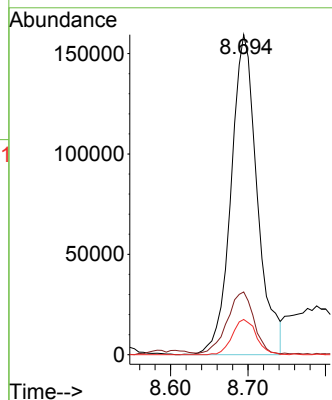
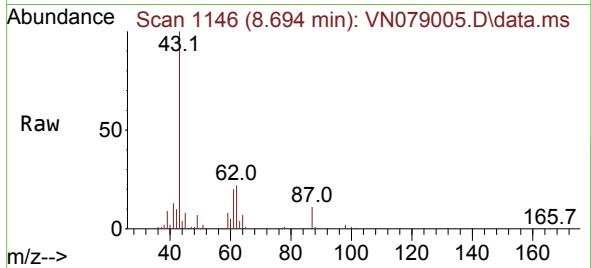




#43
Isopropyl Acetate
Concen: 58.504 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

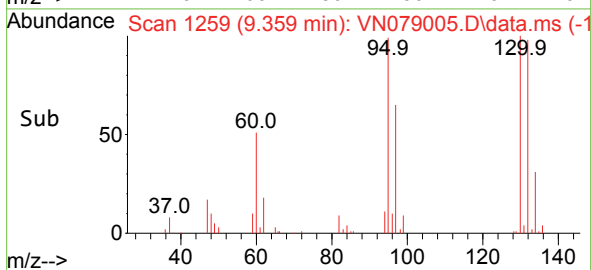
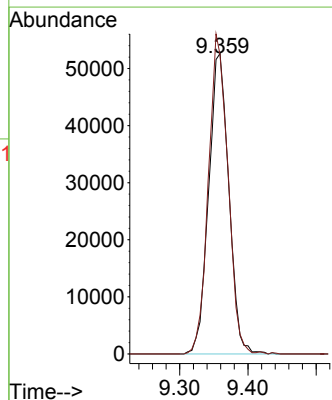
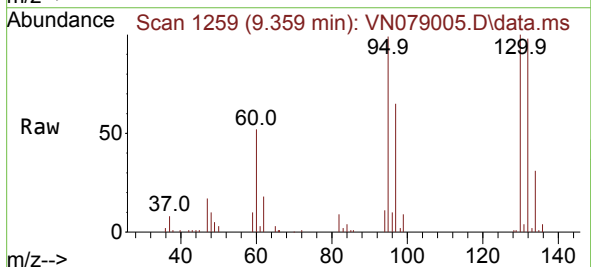
Instrument :
MSVOA_N
ClientSampleId :

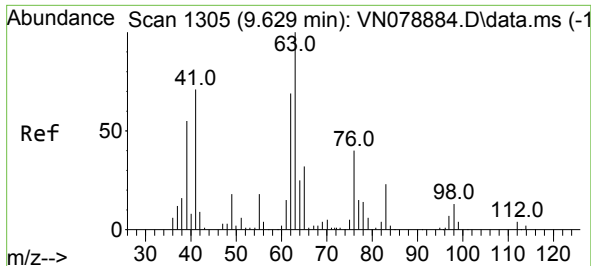
Tgt Ion: 43 Resp: 376432
Ion Ratio Lower Upper
43 100
61 20.2 24.7 37.1#
87 10.0 14.6 21.8#



#44
Trichloroethene
Concen: 47.358 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion:130 Resp: 108218
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.920 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

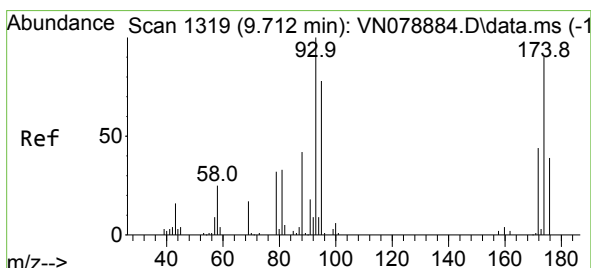
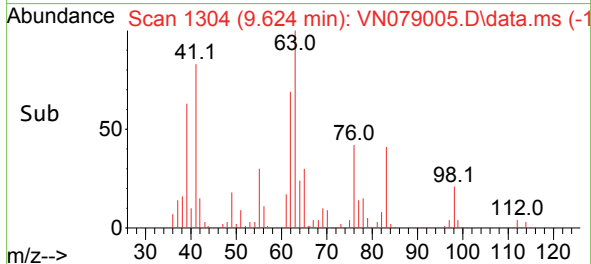
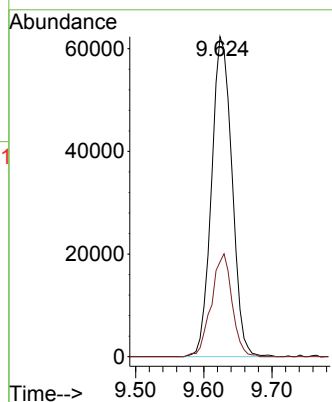
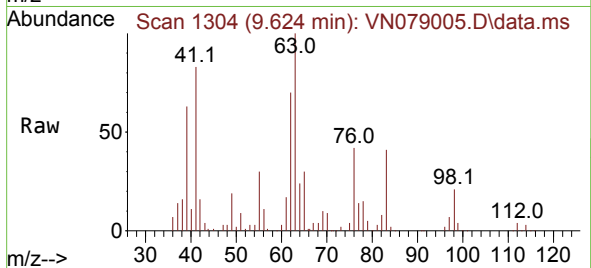
ClientSampleId :

Tgt Ion: 63 Resp: 130379

Ion Ratio Lower Upper

63 100

65 29.7 23.9 35.9



#46

Dibromomethane

Concen: 51.376 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

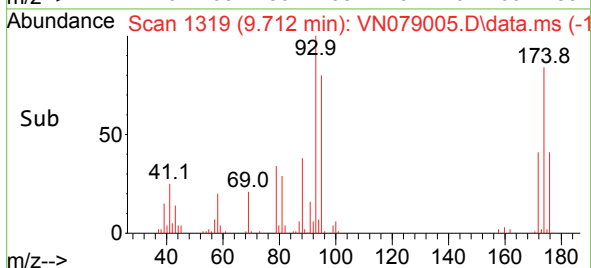
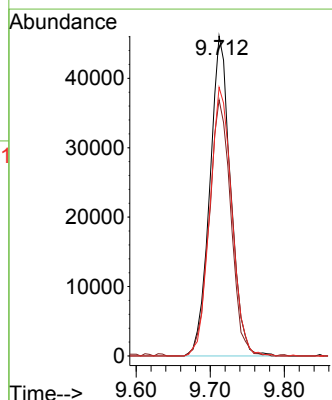
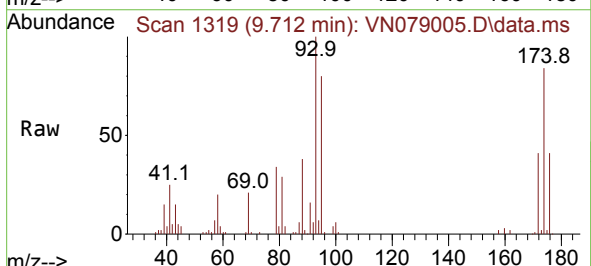
Tgt Ion: 93 Resp: 90228

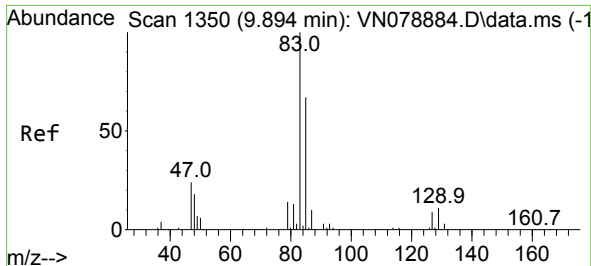
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

174 88.5 65.6 98.4





#47

Bromodichloromethane

Concen: 51.208 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

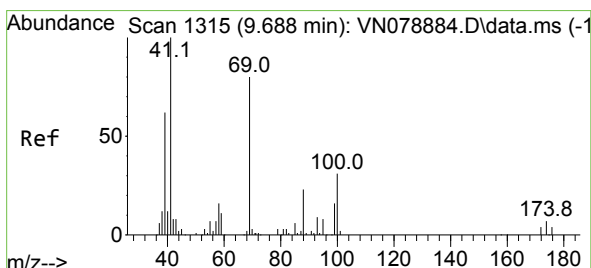
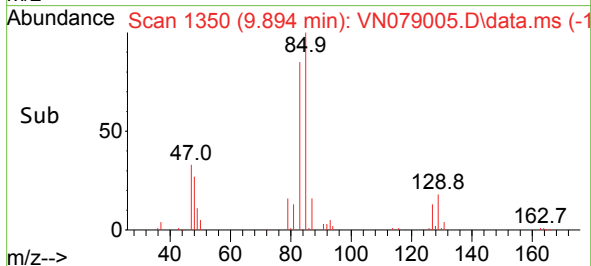
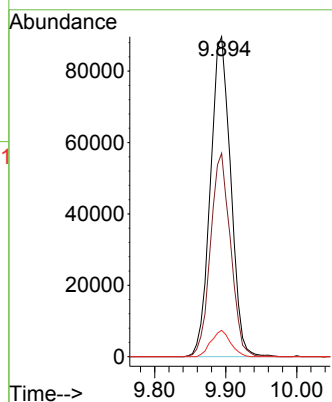
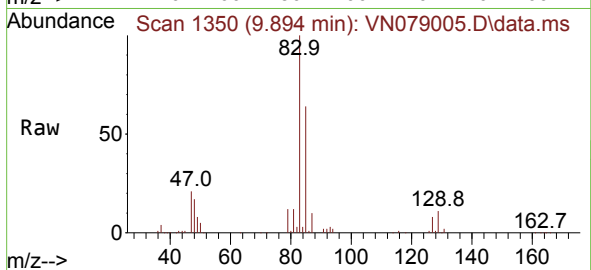
Tgt Ion: 83 Resp: 177585

Ion Ratio Lower Upper

83 100

85 63.5 49.6 74.4

127 8.3 7.0 10.6



#48

Methyl methacrylate

Concen: 52.159 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. -0.005 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

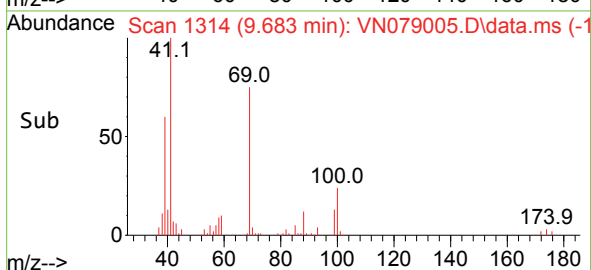
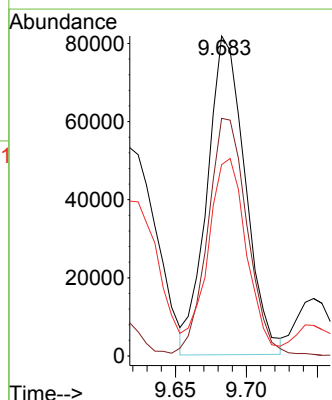
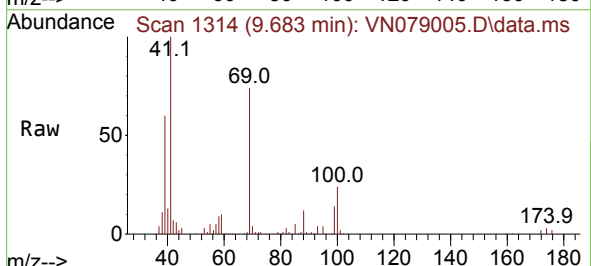
Tgt Ion: 41 Resp: 152081

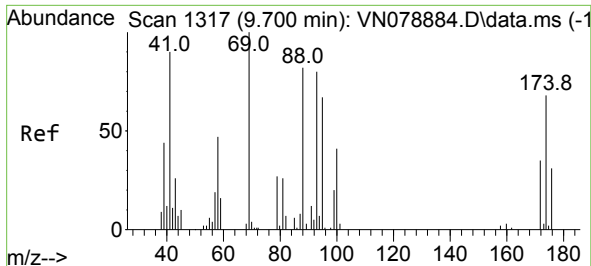
Ion Ratio Lower Upper

41 100

69 77.2 90.4 135.6

39 63.6 54.6 81.8





#49

1,4-Dioxane

Concen: 1065.680 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

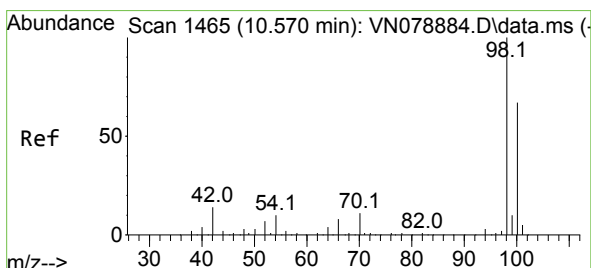
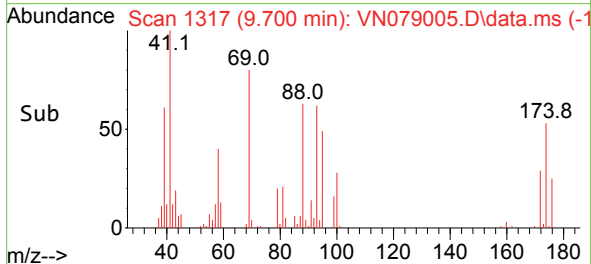
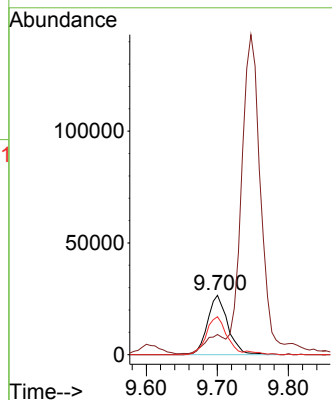
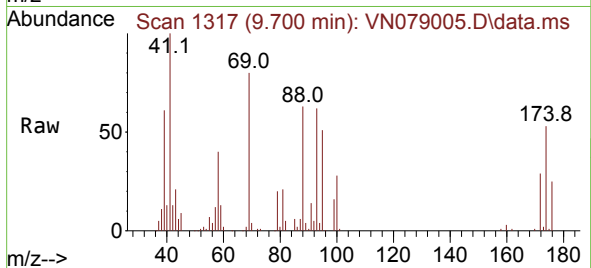
Tgt Ion: 88 Resp: 52925

Ion Ratio Lower Upper

88 100

43 31.7 17.0 25.6#

58 63.6 47.0 70.4



#50

Toluene-d8

Concen: 50.524 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079005.D

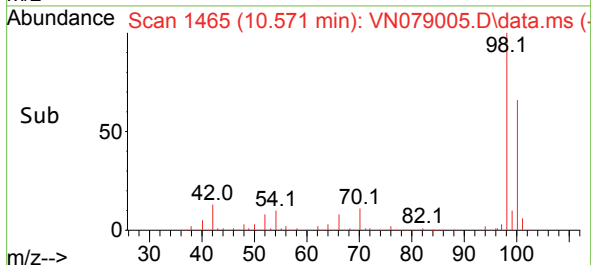
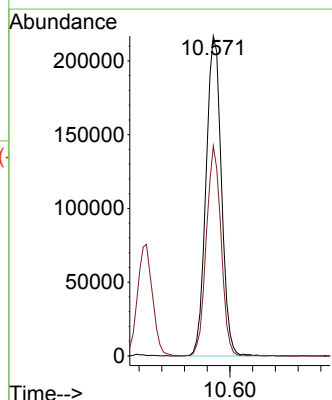
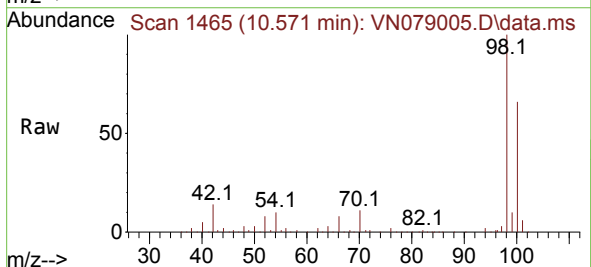
Acq: 22 Aug 2023 19:37

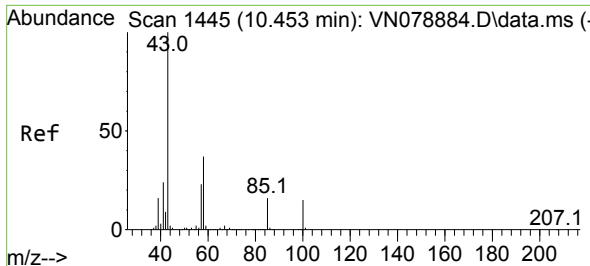
Tgt Ion: 98 Resp: 405768

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0

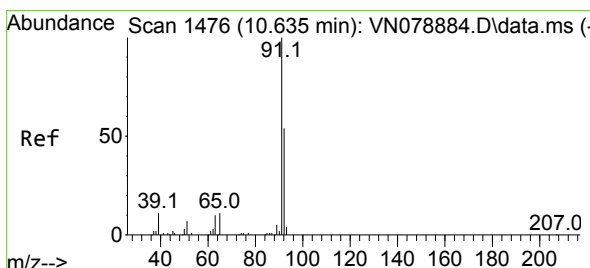
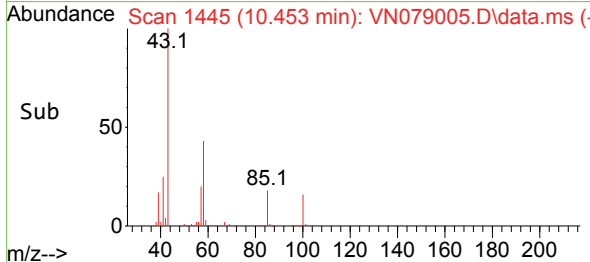
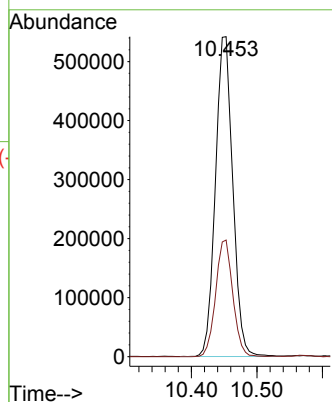
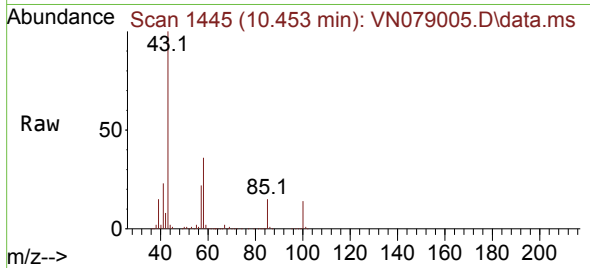




#51
4-Methyl-2-Pentanone
Concen: 260.117 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

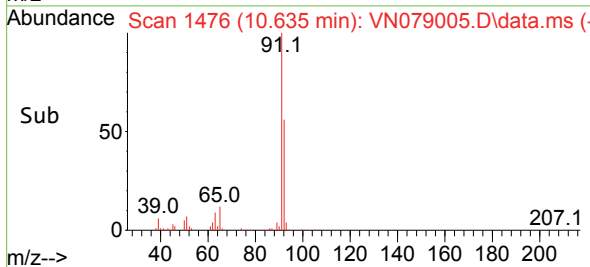
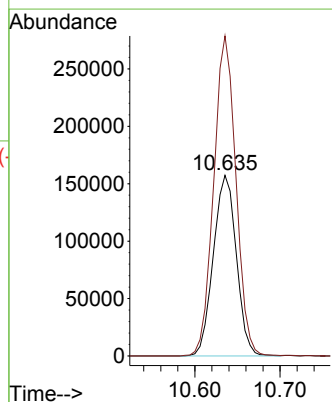
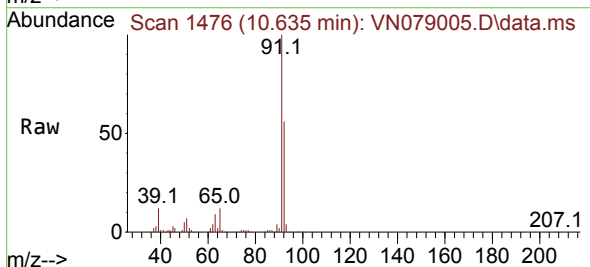
Instrument :
MSVOA_N
ClientSampleId :

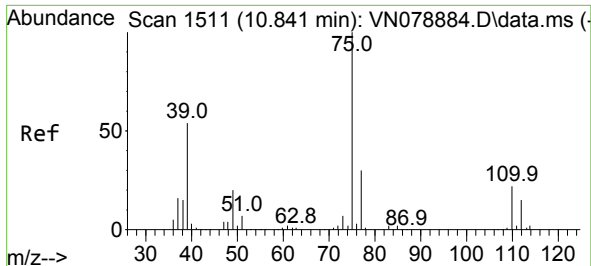
Tgt Ion: 43 Resp: 992661
Ion Ratio Lower Upper
43 100
58 36.1 36.6 54.8#



#52
Toluene
Concen: 49.973 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion: 92 Resp: 295065
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0

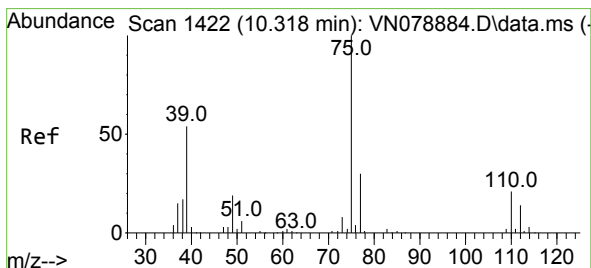
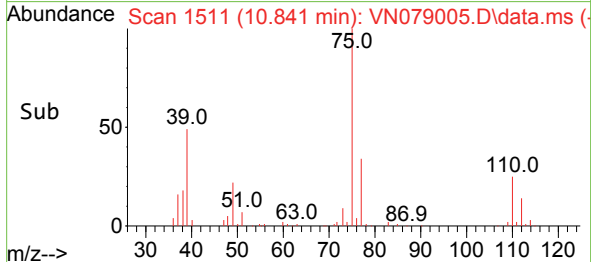
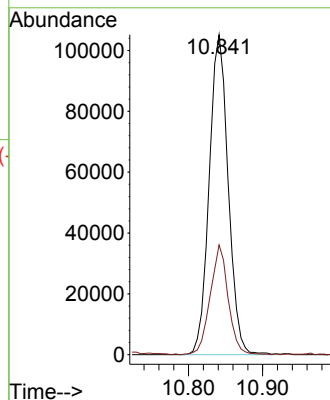
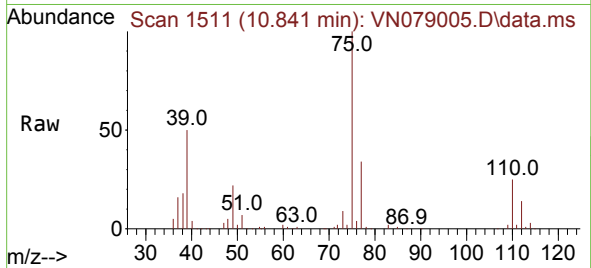




#53
 t-1,3-Dichloropropene
 Concen: 50.395 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

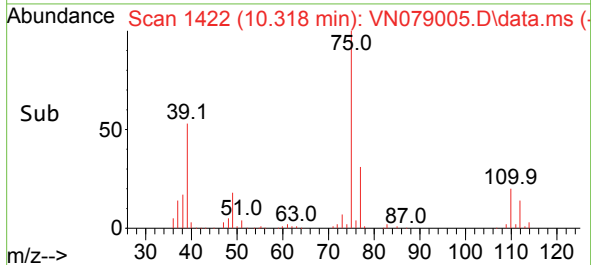
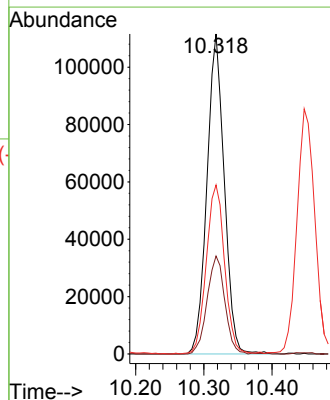
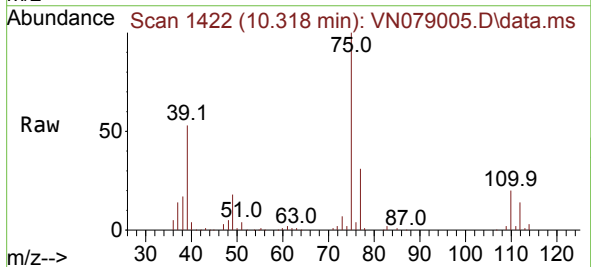
Instrument :
 MSVOA_N
 ClientSampleId :

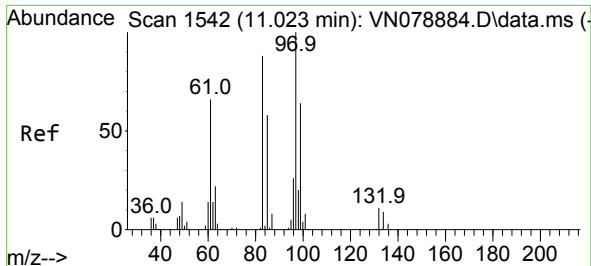
Tgt Ion: 75 Resp: 187417
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.696 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

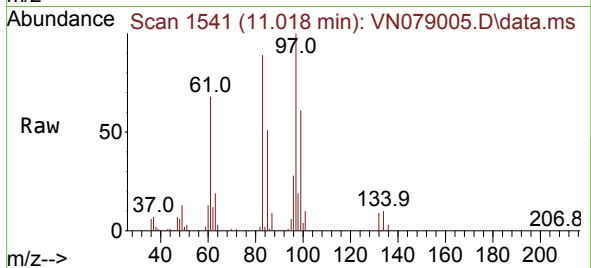
Tgt Ion: 75 Resp: 197237
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 39 52.8 31.6 47.4#



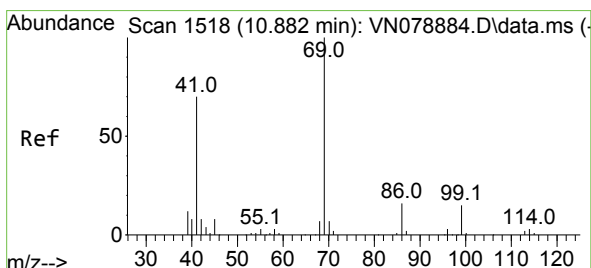
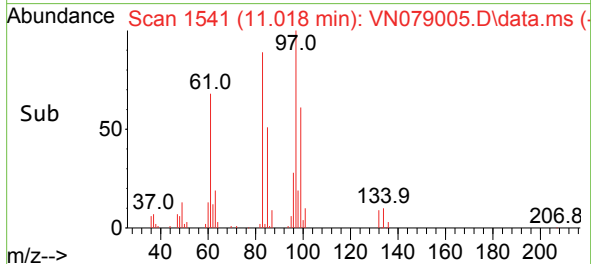
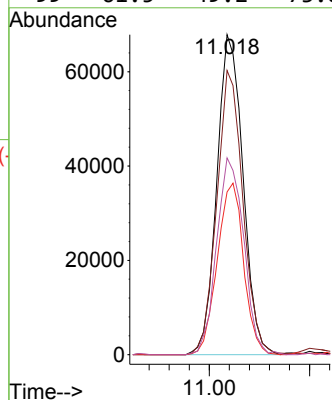


#55
1,1,2-Trichloroethane
Concen: 51.810 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Instrument :
MSVOA_N
ClientSampleId :

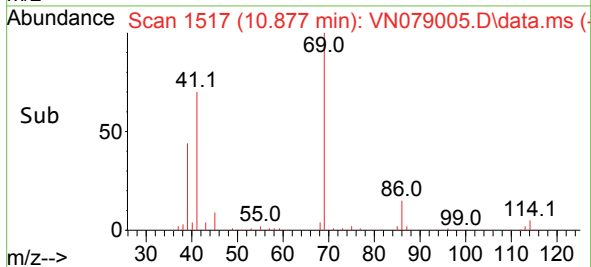
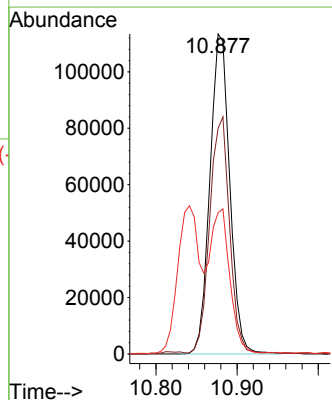
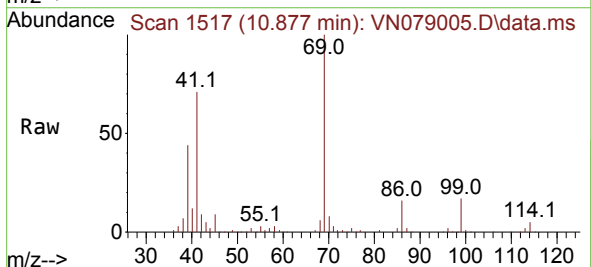


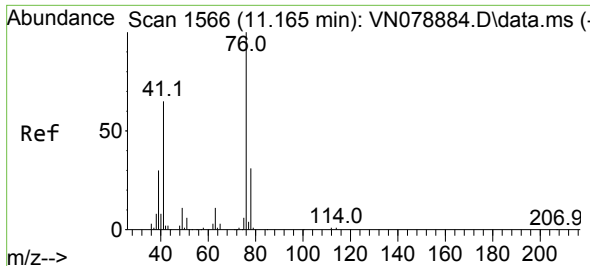
Tgt Ion:	97	Resp:	122658
Ion	Ratio	Lower	Upper
97	100		
83	88.8	65.1	97.7
85	50.8	43.4	65.2
99	61.5	49.2	73.8



#56
Ethyl methacrylate
Concen: 52.523 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion:	69	Resp:	192755
Ion	Ratio	Lower	Upper
69	100		
41	73.6	39.6	59.4#
39	44.8	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 51.278 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

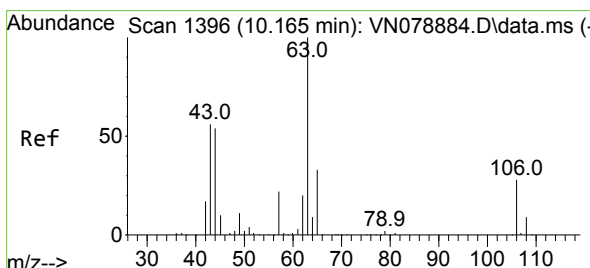
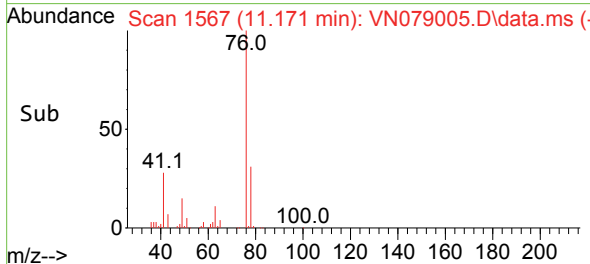
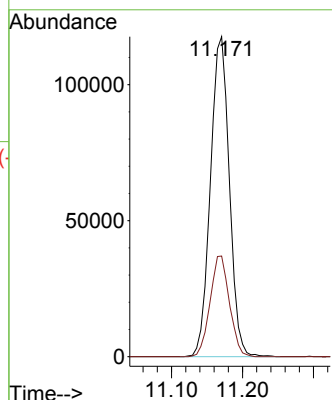
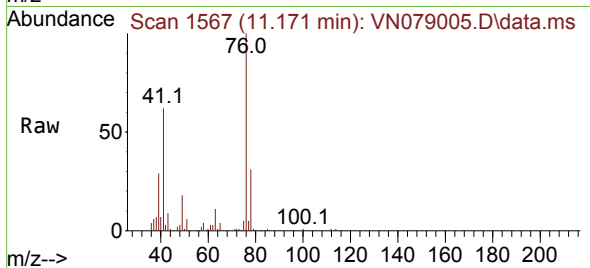
ClientSampleId :

Tgt Ion: 76 Resp: 217140

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 221.810 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079005.D

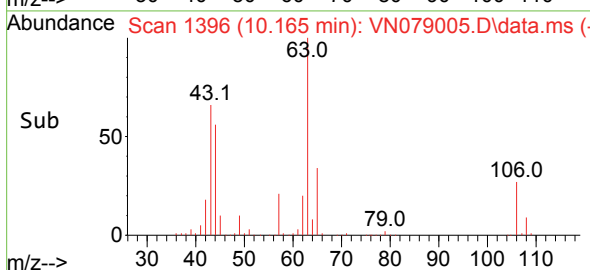
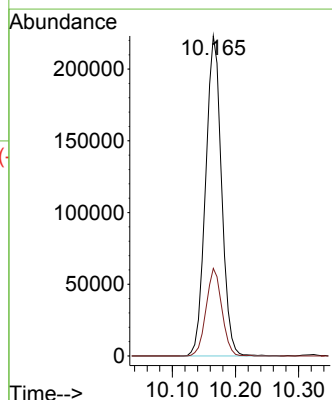
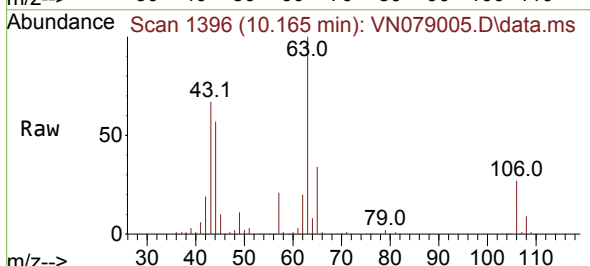
Acq: 22 Aug 2023 19:37

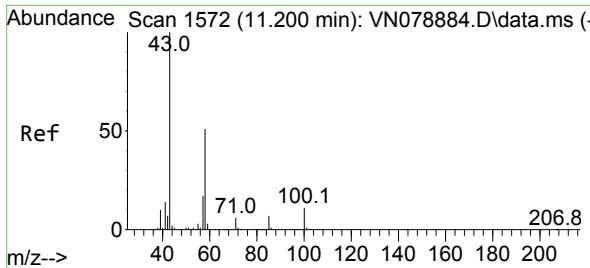
Tgt Ion: 63 Resp: 390753

Ion Ratio Lower Upper

63 100

106 27.0 26.2 39.4

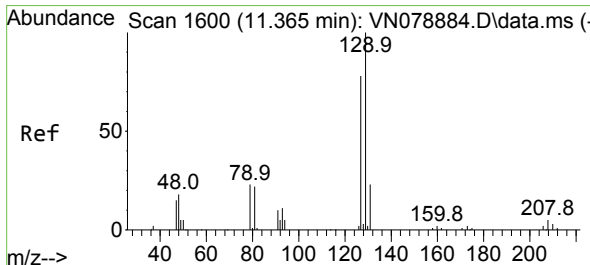
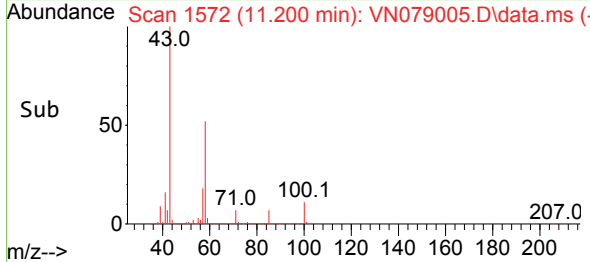
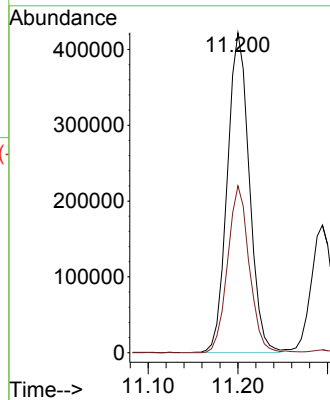
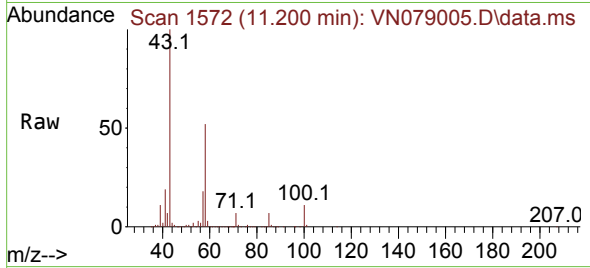




#59
2-Hexanone
Concen: 259.372 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

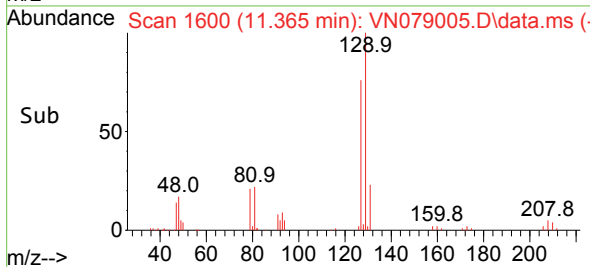
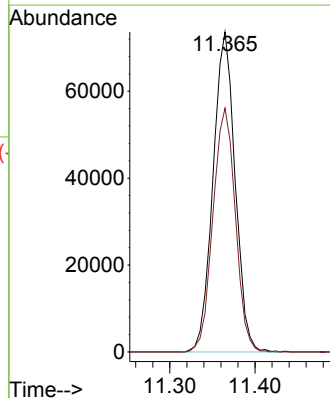
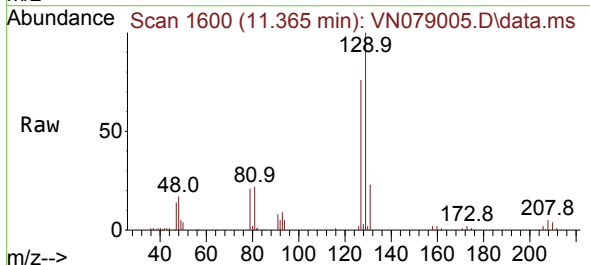
Instrument :
MSVOA_N
ClientSampleId :

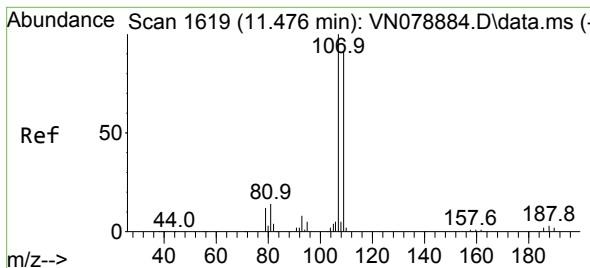
Tgt Ion: 43 Resp: 716924
Ion Ratio Lower Upper
43 100
58 51.6 31.7 95.1



#60
Dibromochloromethane
Concen: 53.241 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion:129 Resp: 132641
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

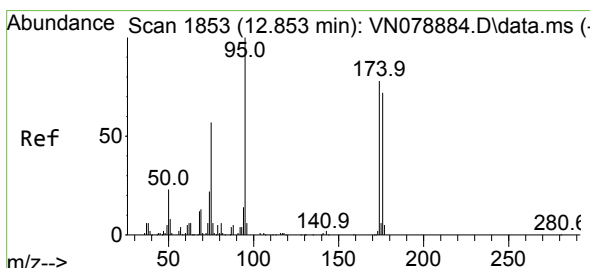
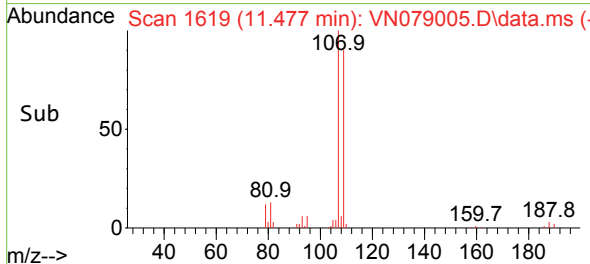
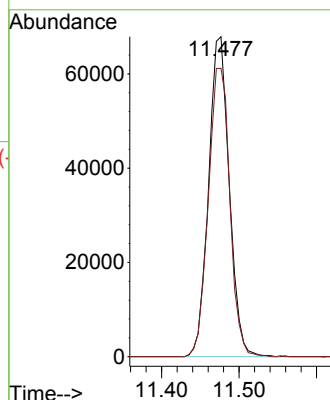
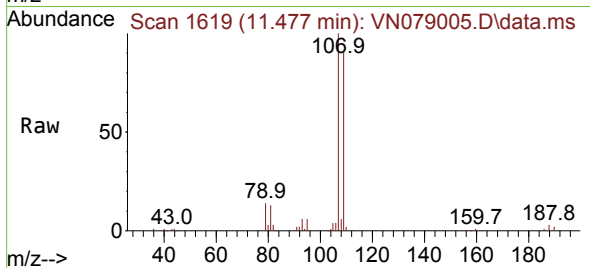




#61
1,2-Dibromoethane
Concen: 52.326 ug/l
RT: 11.477 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

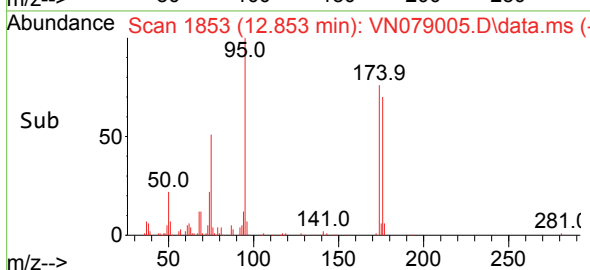
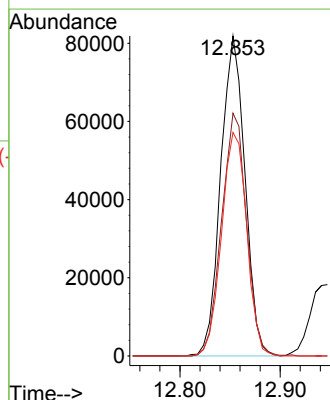
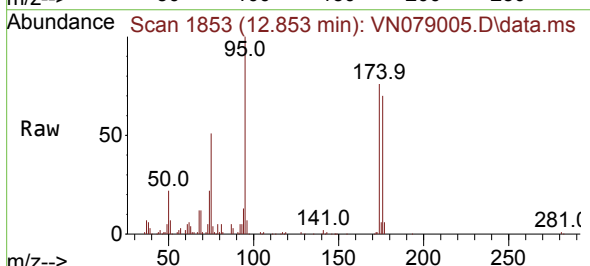
Instrument :
MSVOA_N
ClientSampleId :

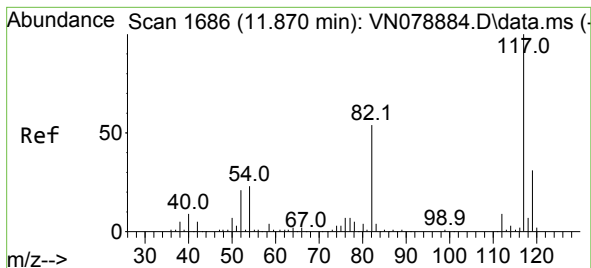
Tgt Ion:107 Resp: 125889
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.329 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion: 95 Resp: 137368
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 72.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

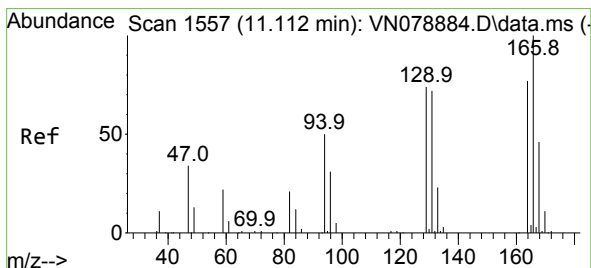
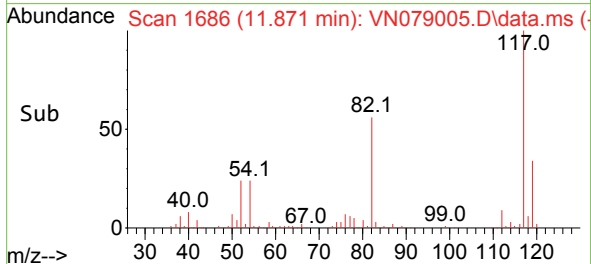
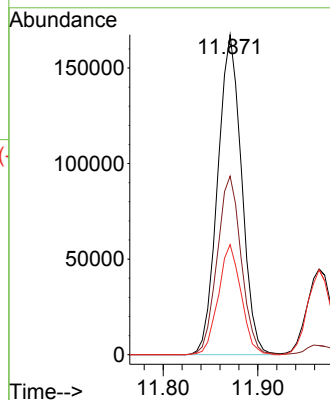
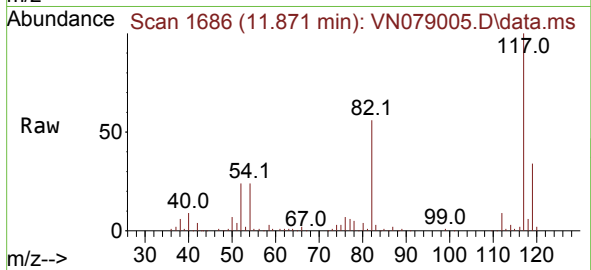
Tgt Ion:117 Resp: 293619

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

119 34.4 25.6 38.4



#64

Tetrachloroethene

Concen: 47.005 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Tgt Ion:164 Resp: 86552

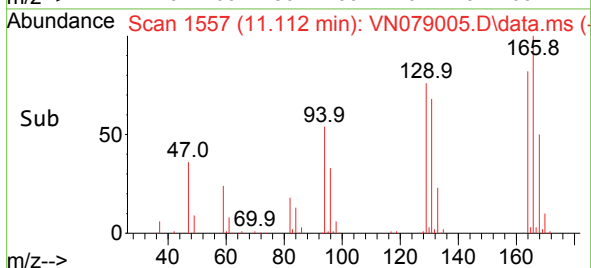
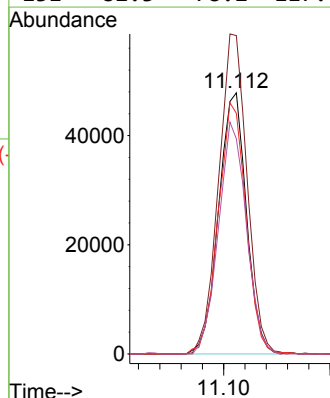
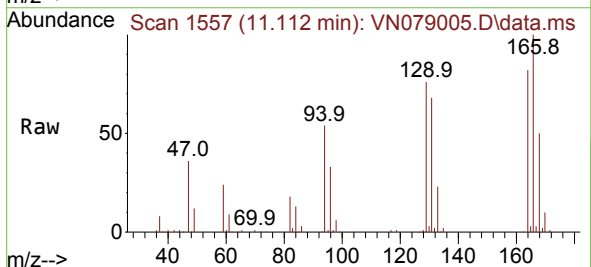
Ion Ratio Lower Upper

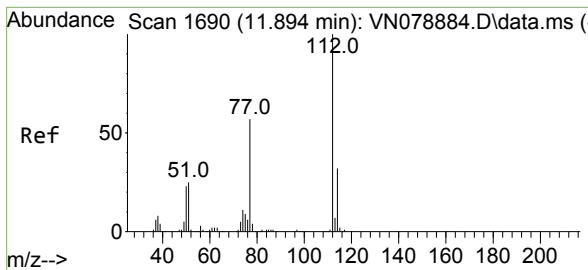
164 100

166 121.9 101.4 152.0

129 92.2 82.4 123.6

131 82.3 78.2 117.4

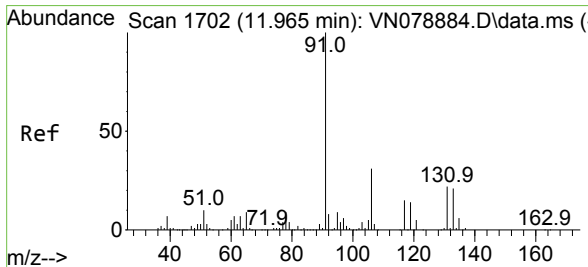
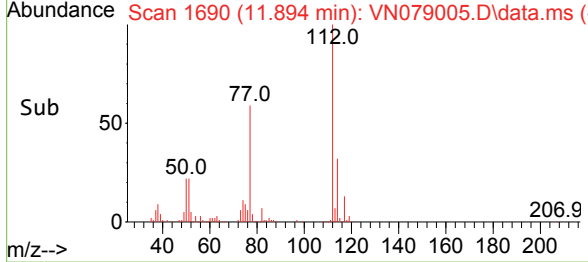
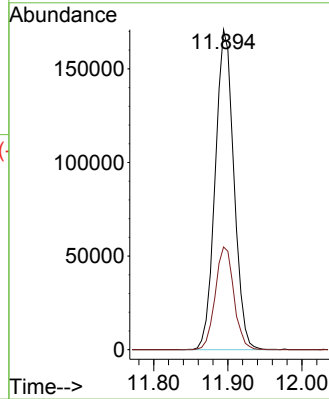
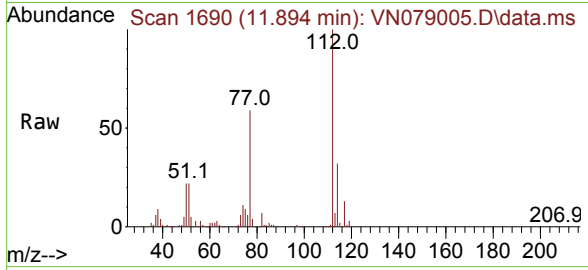




#65
Chlorobenzene
Concen: 47.795 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

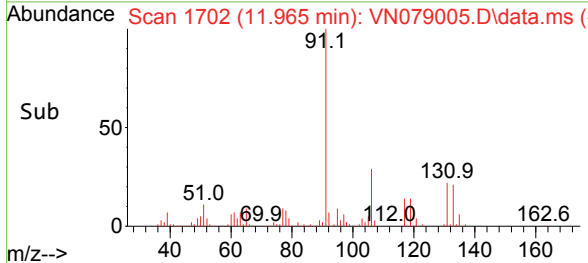
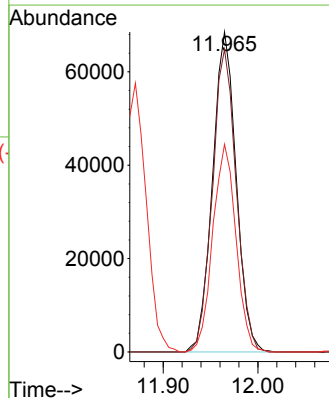
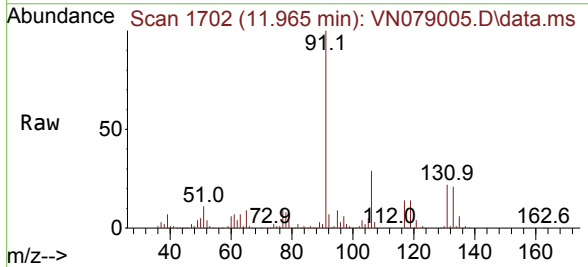
Instrument :
MSVOA_N
ClientSampleId :

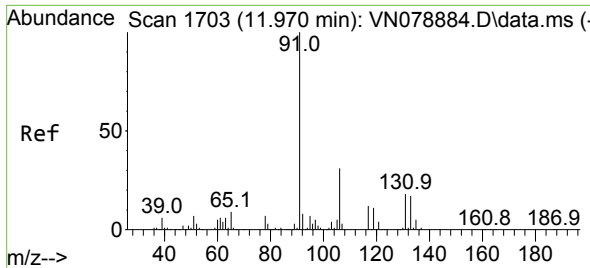
Tgt Ion:112 Resp: 298726
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.374 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion:131 Resp: 118983
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 63.8 34.1 102.2

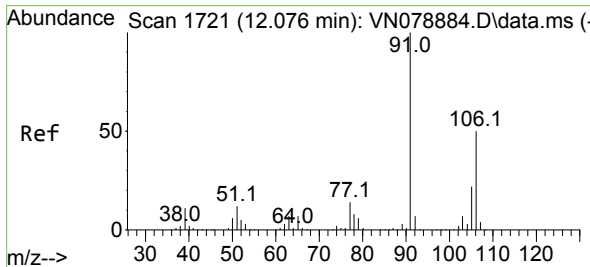
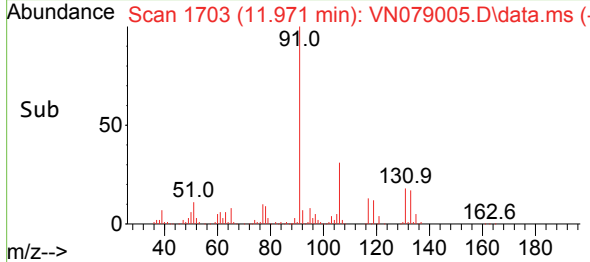
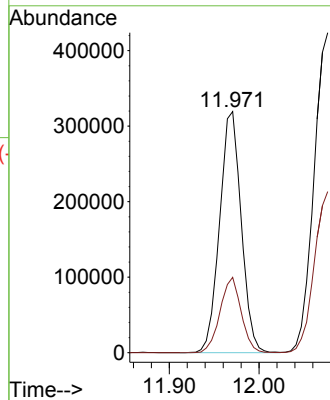
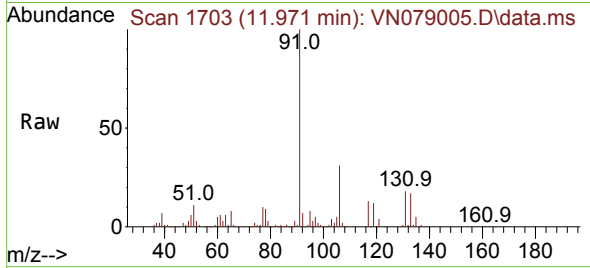




#67
Ethyl Benzene
Concen: 47.014 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

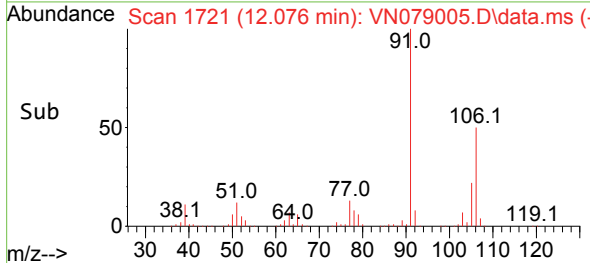
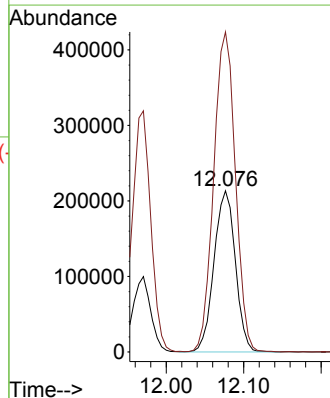
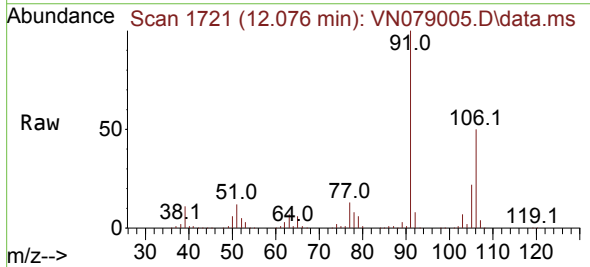
Instrument :
MSVOA_N
ClientSampleId :

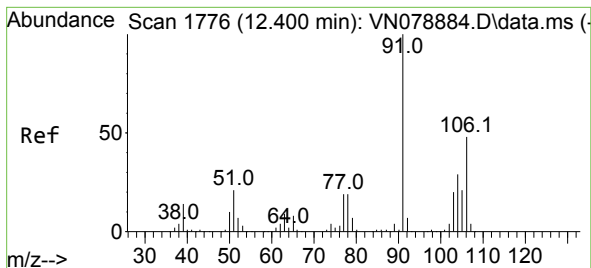
Tgt Ion: 91 Resp: 534355
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 96.266 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion:106 Resp: 409082
Ion Ratio Lower Upper
106 100
91 201.5 159.6 239.4





#69

o-Xylene

Concen: 49.036 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

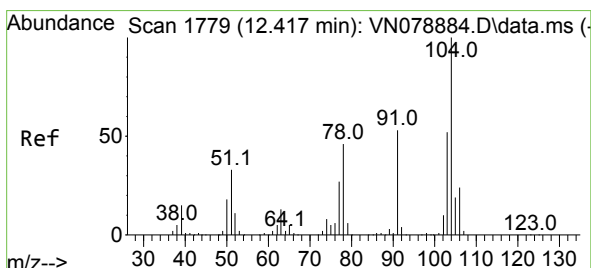
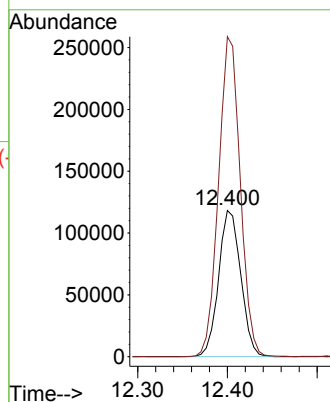
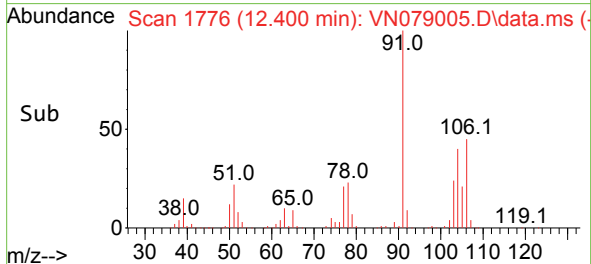
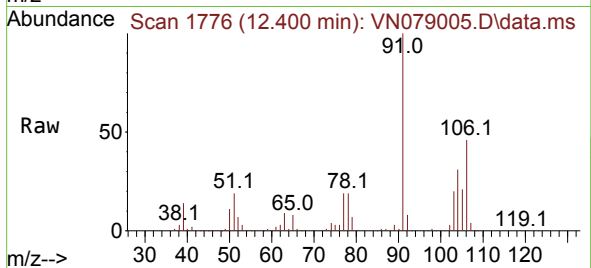
ClientSampleId :

Tgt Ion:106 Resp: 202703

Ion Ratio Lower Upper

106 100

91 214.7 105.2 315.5



#70

Styrene

Concen: 49.330 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

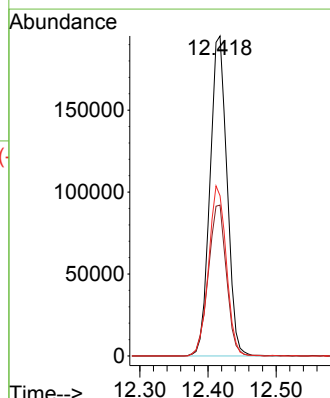
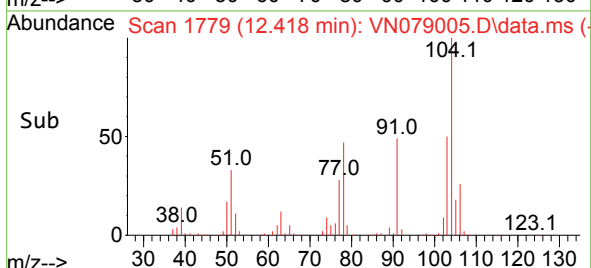
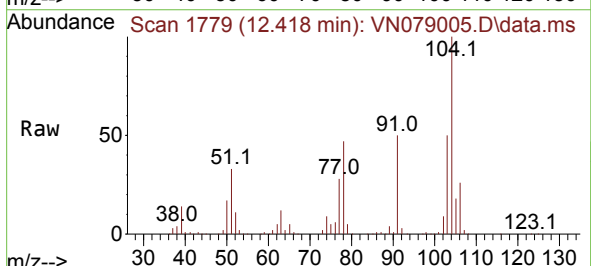
Tgt Ion:104 Resp: 340026

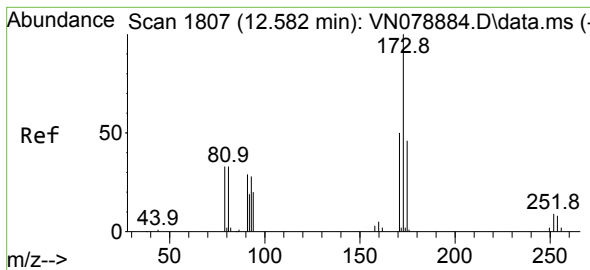
Ion Ratio Lower Upper

104 100

78 50.1 39.5 59.3

103 55.2 43.2 64.8





#71

Bromoform

Concen: 52.845 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

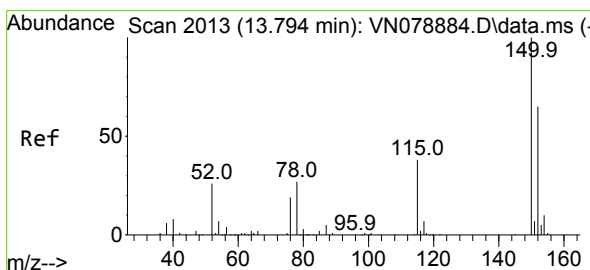
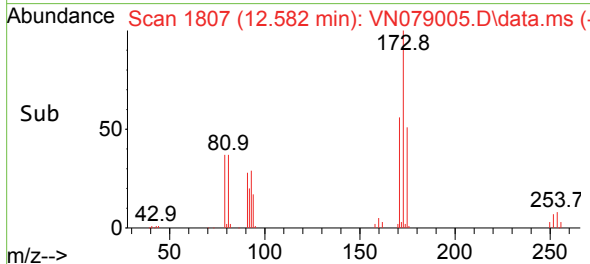
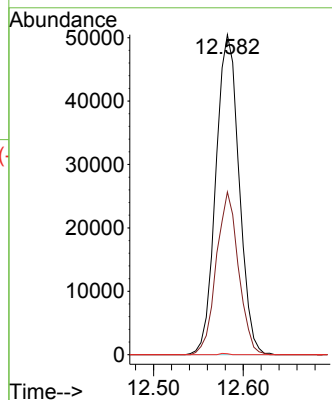
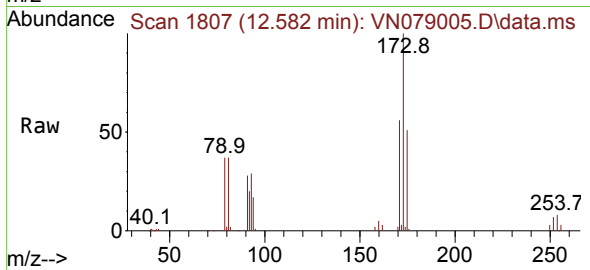
Tgt Ion:173 Resp: 90745

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

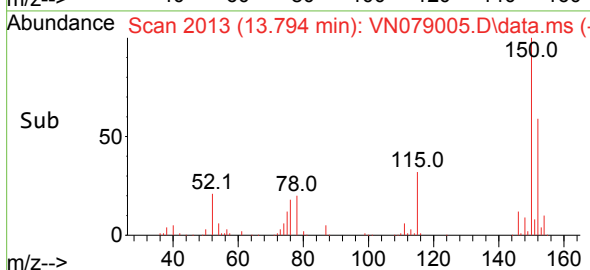
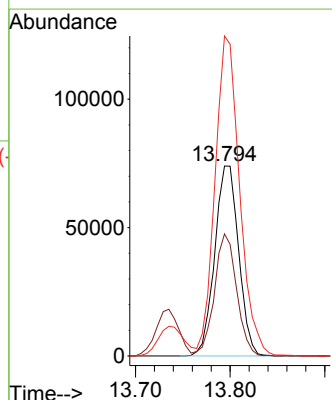
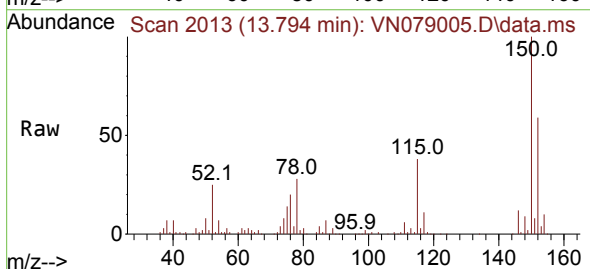
Tgt Ion:152 Resp: 129775

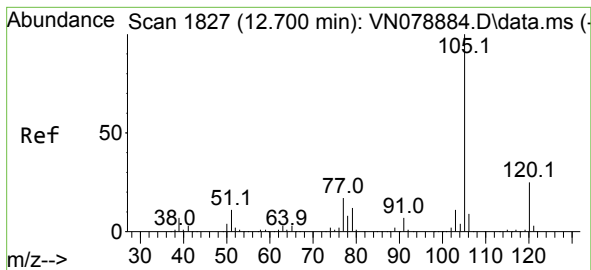
Ion Ratio Lower Upper

152 100

115 59.9 32.3 96.8

150 173.3 0.0 355.8





#73

Isopropylbenzene

Concen: 44.319 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min MSVOA_N

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

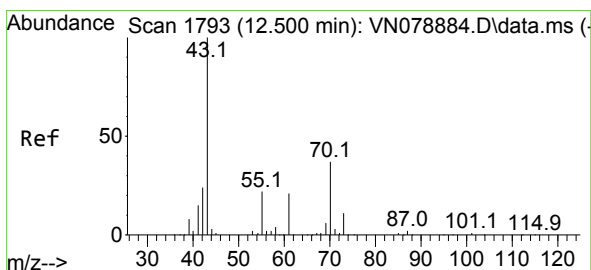
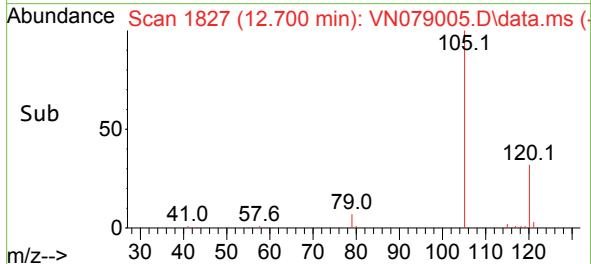
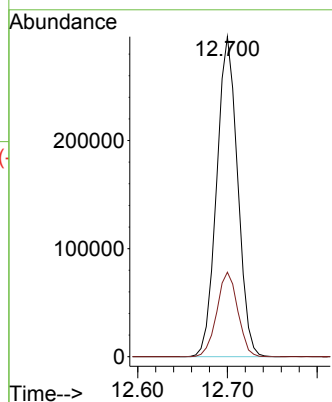
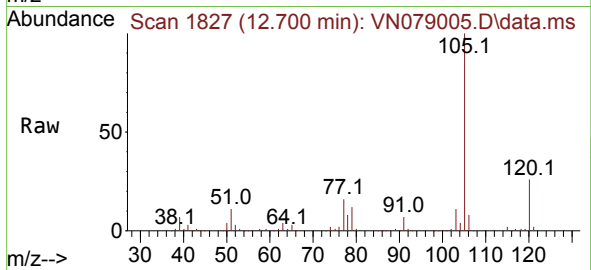
ClientSampleId :

Tgt Ion:105 Resp: 479571

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 48.148 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Tgt Ion: 43 Resp: 262981

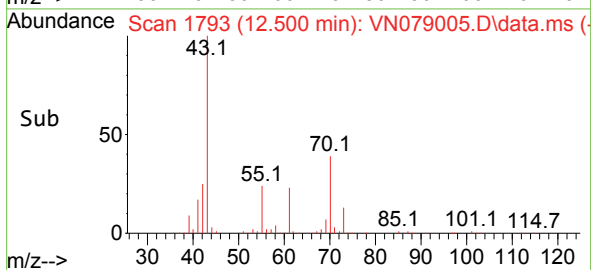
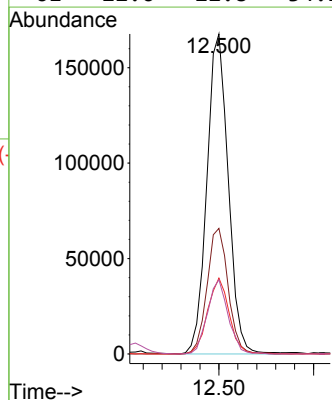
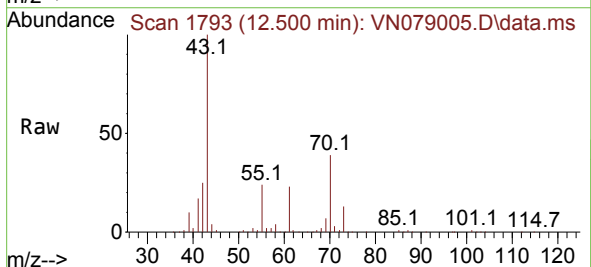
Ion Ratio Lower Upper

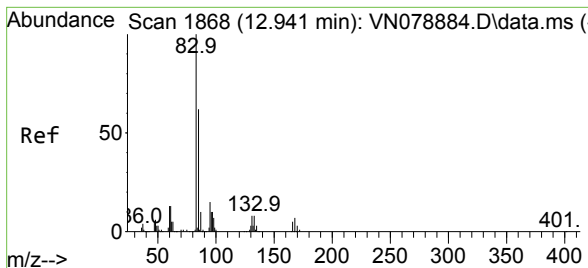
43 100

70 38.8 43.4 65.2#

55 24.1 21.4 32.0

61 22.6 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 48.064 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

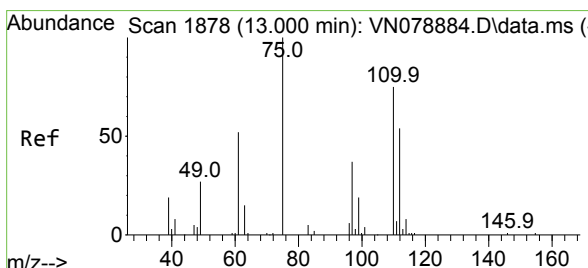
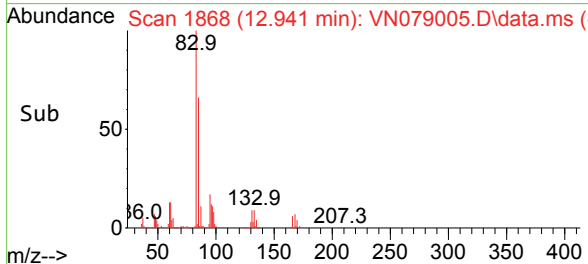
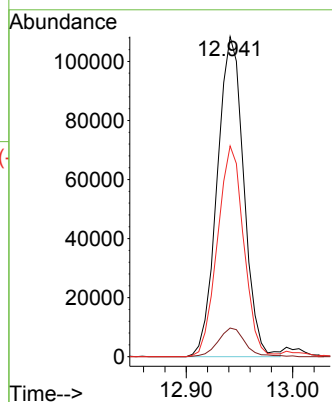
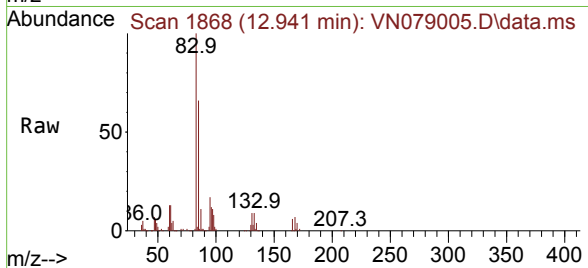
Tgt Ion: 83 Resp: 187791

Ion Ratio Lower Upper

83 100

131 9.1 5.0 15.0

85 65.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 73.456 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN079005.D

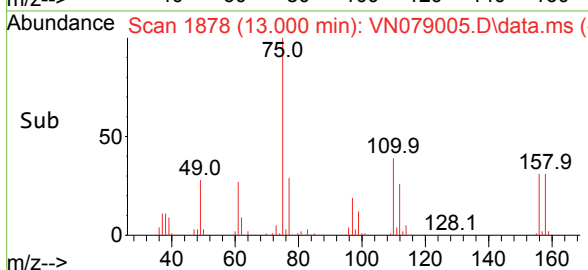
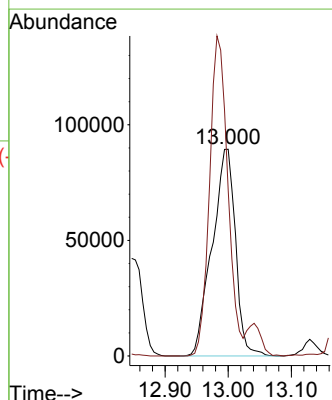
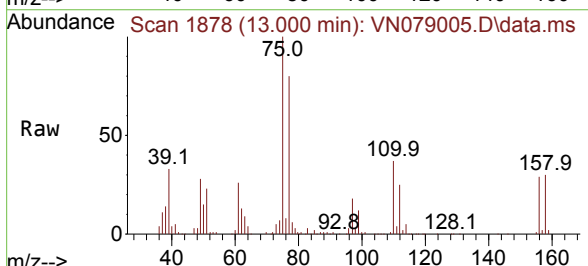
Acq: 22 Aug 2023 19:37

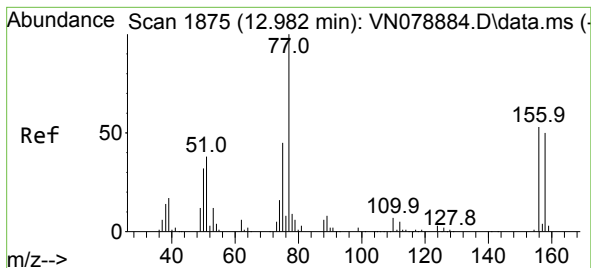
Tgt Ion: 75 Resp: 229694

Ion Ratio Lower Upper

75 100

77 121.1 84.5 253.5





#77

Bromobenzene

Concen: 47.440 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

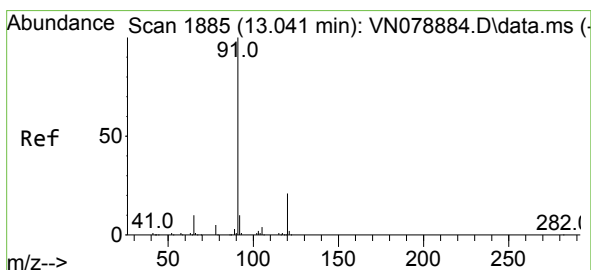
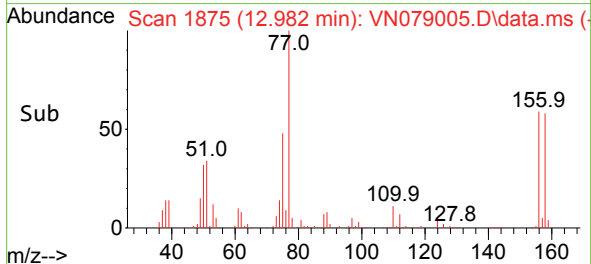
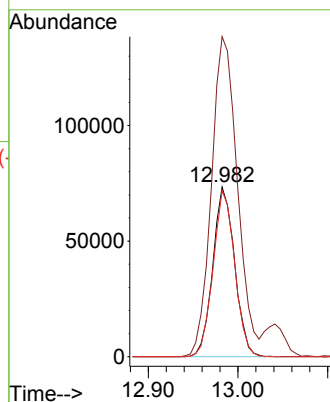
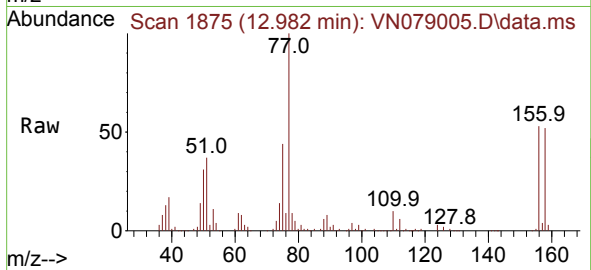
Tgt Ion:156 Resp: 123391

Ion Ratio Lower Upper

156 100

77 225.5 107.7 323.3

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 44.218 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079005.D

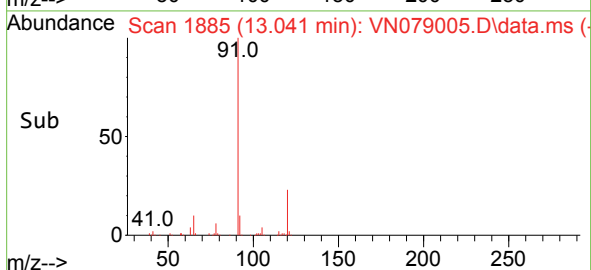
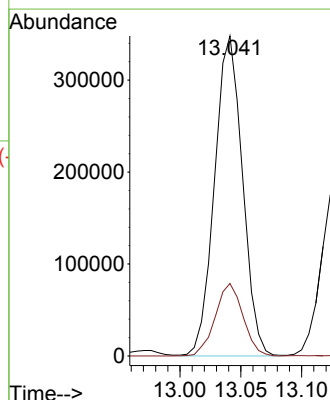
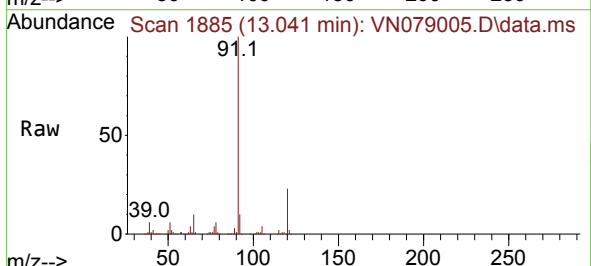
Acq: 22 Aug 2023 19:37

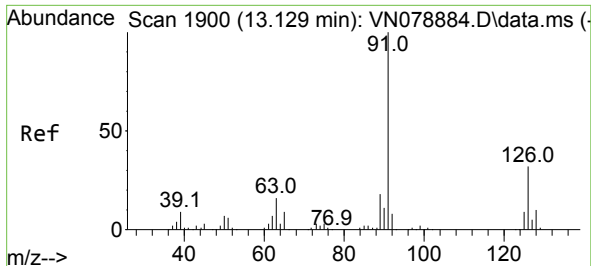
Tgt Ion: 91 Resp: 554844

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

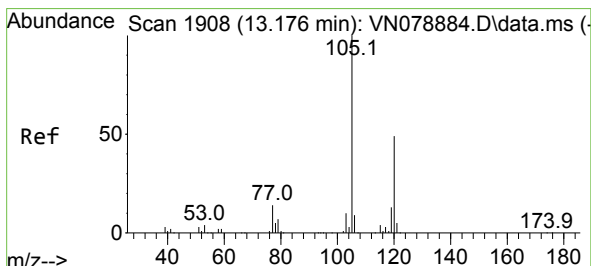
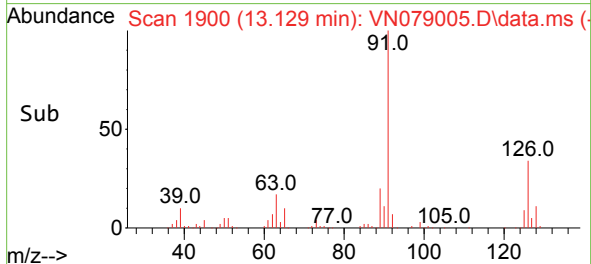
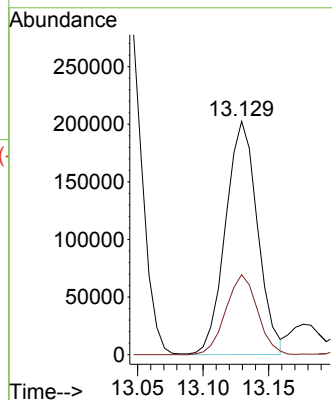
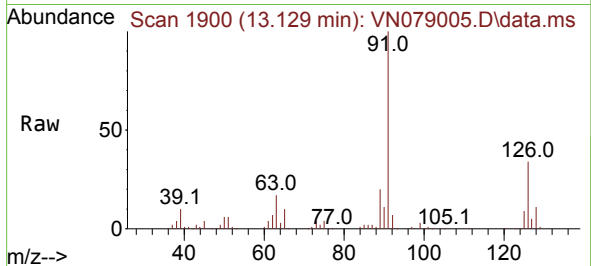




#79
2-Chlorotoluene
Concen: 44.292 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

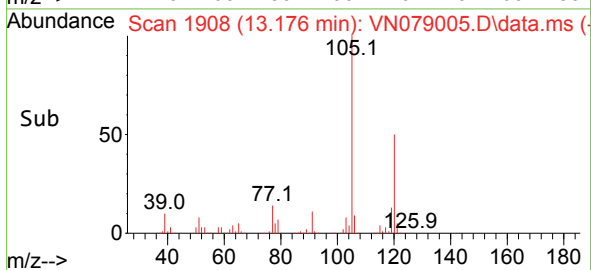
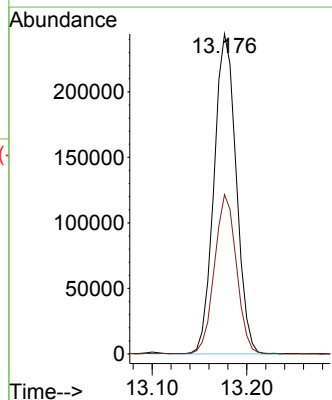
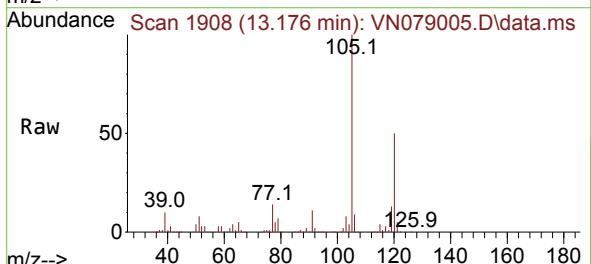
Instrument :
MSVOA_N
ClientSampleId :

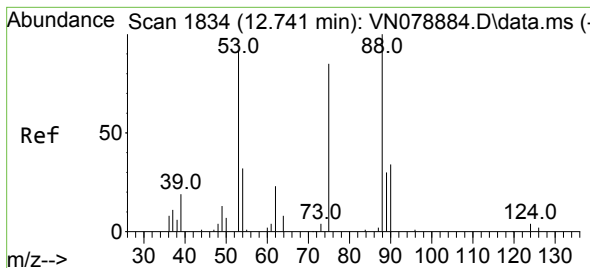
Tgt Ion: 91 Resp: 344757
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 46.423 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion: 105 Resp: 398087
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.3

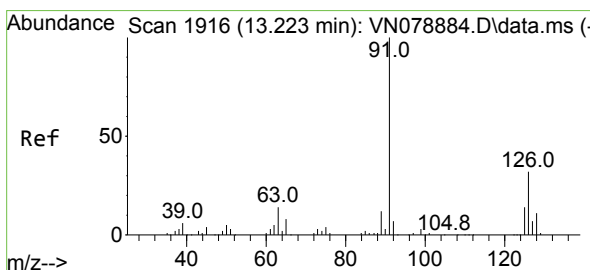
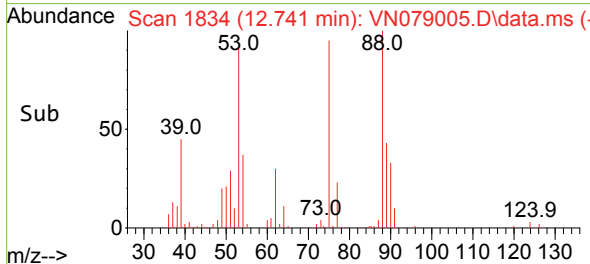
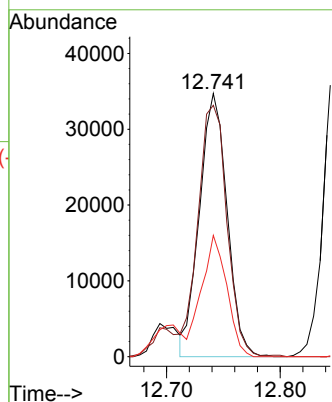
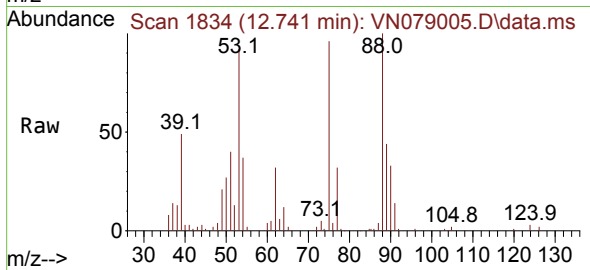




#81
trans-1,4-Dichloro-2-butene
Concen: 47.948 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

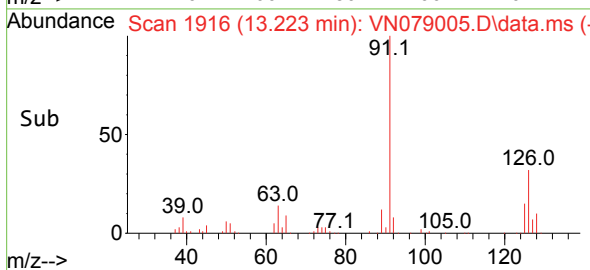
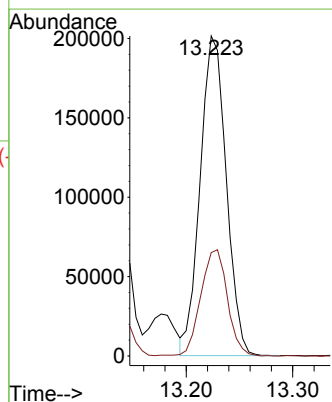
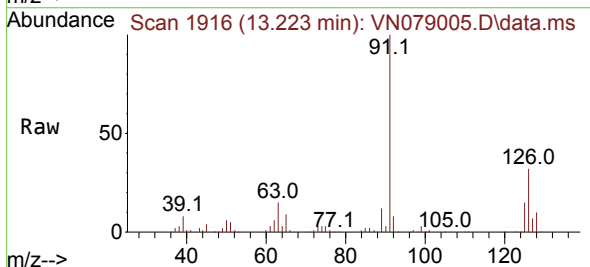
Instrument :
MSVOA_N
ClientSampleId :

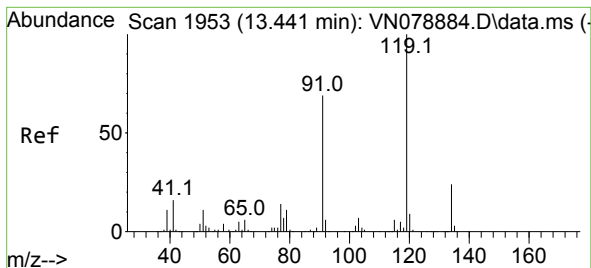
Tgt Ion: 75 Resp: 58691
Ion Ratio Lower Upper
75 100
53 101.9 67.4 101.2#
89 42.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 45.034 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion: 91 Resp: 342980
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 44.054 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

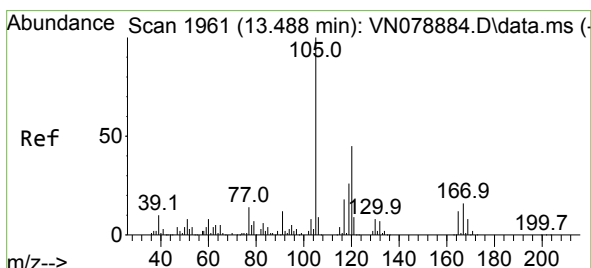
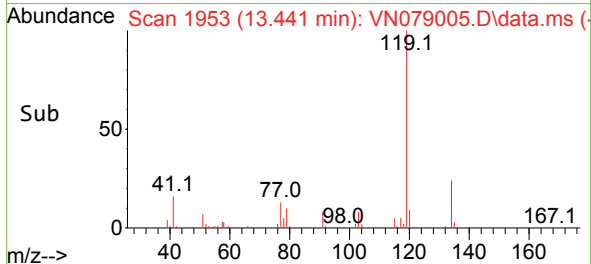
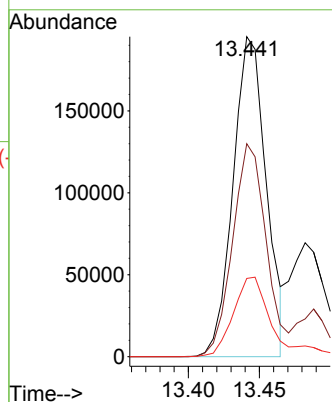
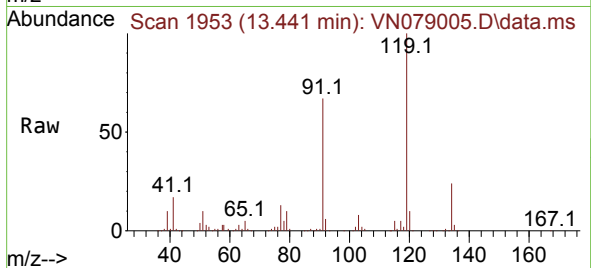
Tgt Ion:119 Resp: 317407

Ion Ratio Lower Upper

119 100

91 67.7 33.9 101.7

134 28.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 46.665 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079005.D

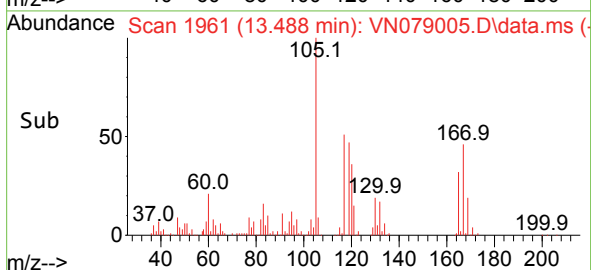
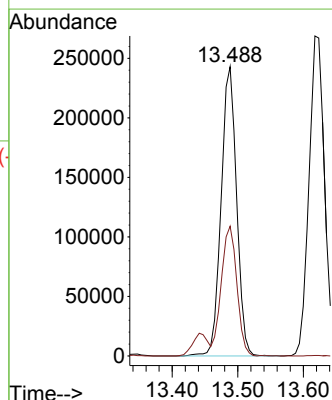
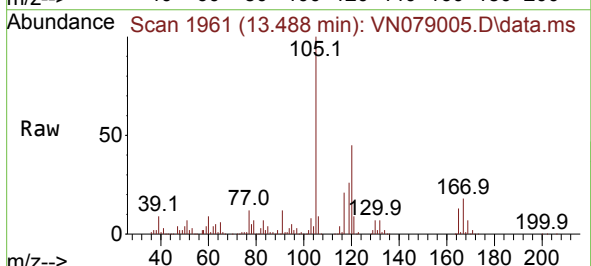
Acq: 22 Aug 2023 19:37

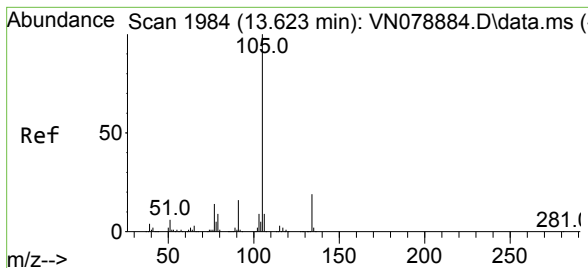
Tgt Ion:105 Resp: 396226

Ion Ratio Lower Upper

105 100

120 45.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 44.473 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.005 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

Instrument :

MSVOA_N

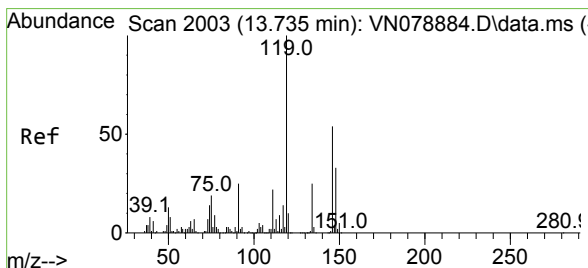
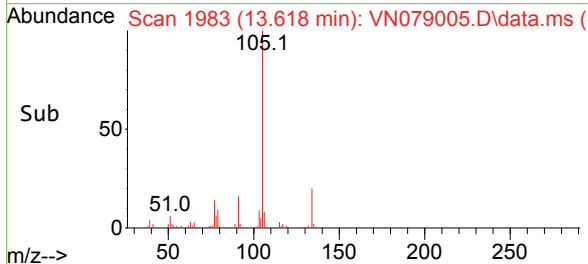
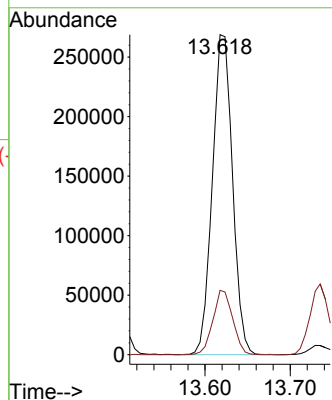
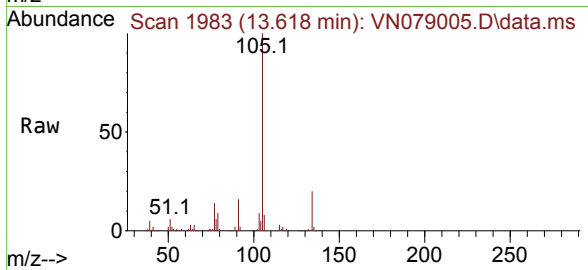
ClientSampleId :

Tgt Ion:105 Resp: 440969

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 46.133 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079005.D

Acq: 22 Aug 2023 19:37

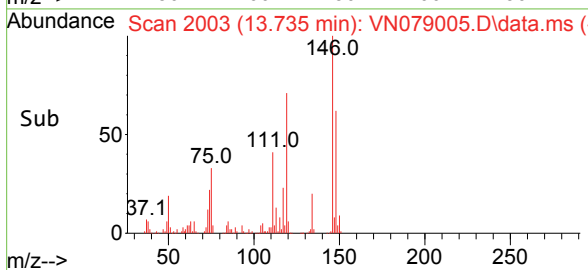
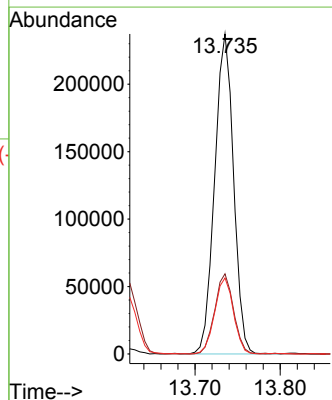
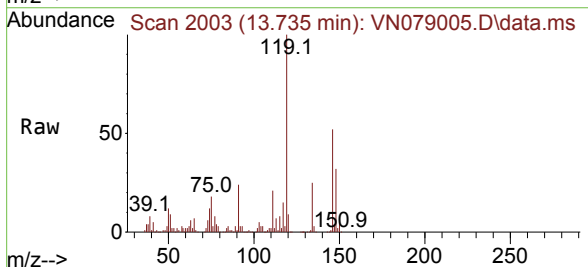
Tgt Ion:119 Resp: 365459

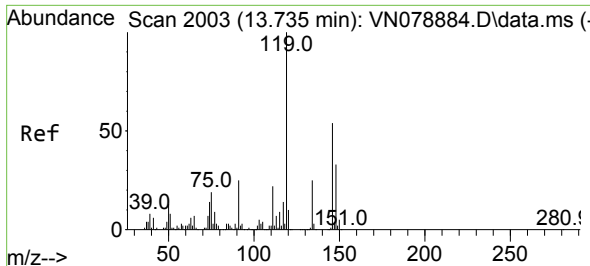
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 23.7 12.4 37.2



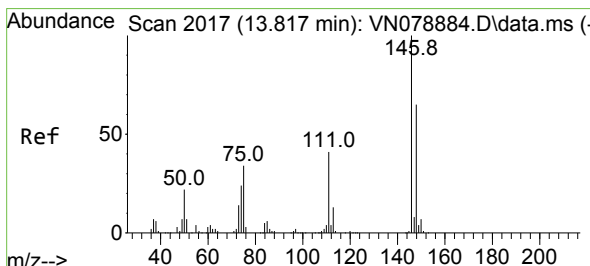
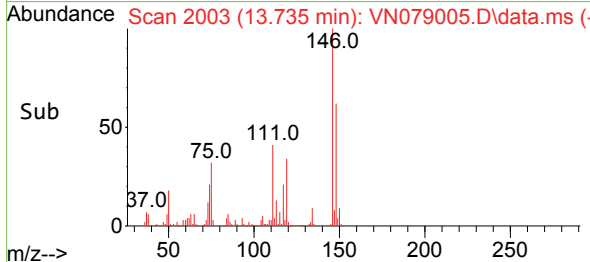
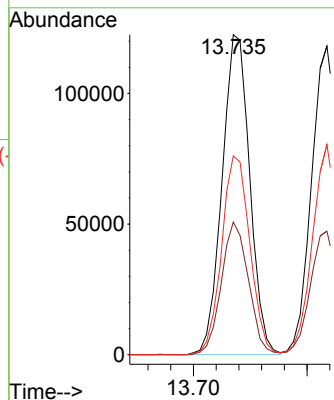
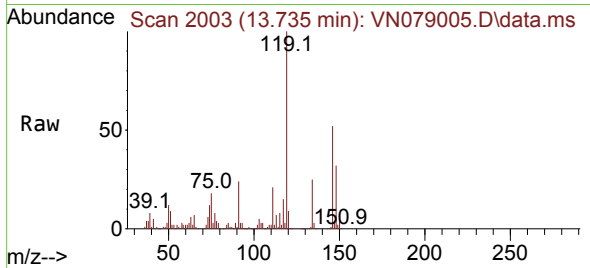


#87
 1,3-Dichlorobenzene
 Concen: 46.344 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:146 Resp: 207422

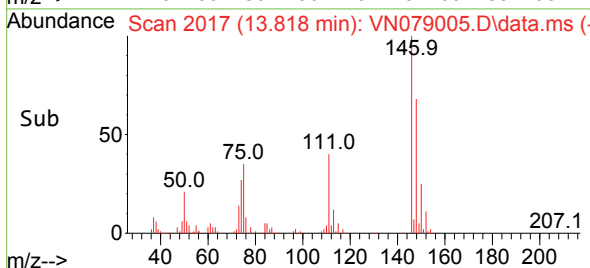
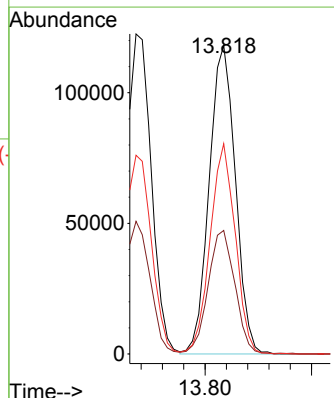
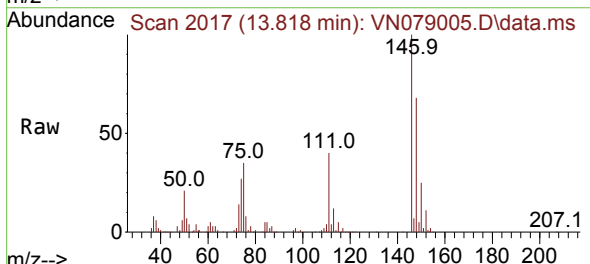
Ion	Ratio	Lower	Upper
146	100		
111	40.6	22.1	66.3
148	63.4	32.0	96.0

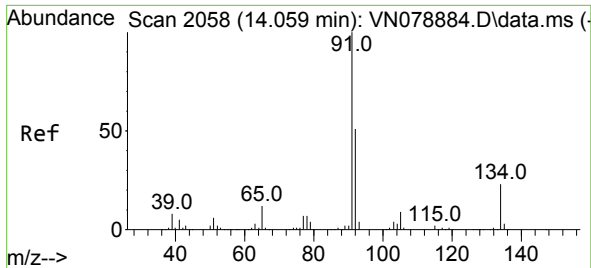


#88
 1,4-Dichlorobenzene
 Concen: 45.044 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

Tgt Ion:146 Resp: 201785

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	65.5	31.6	94.8

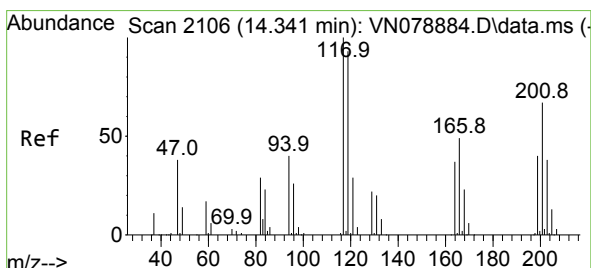
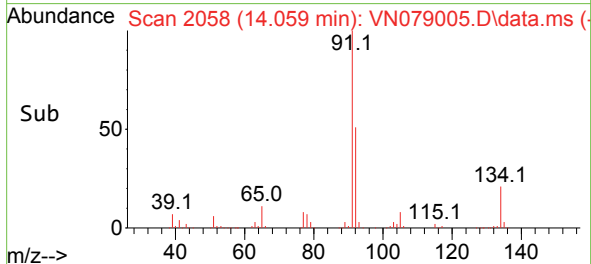
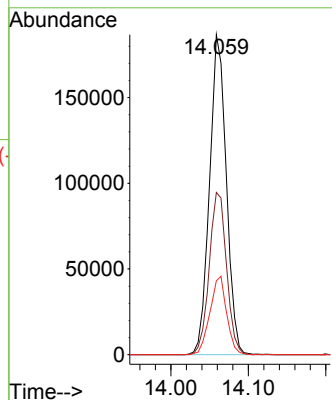
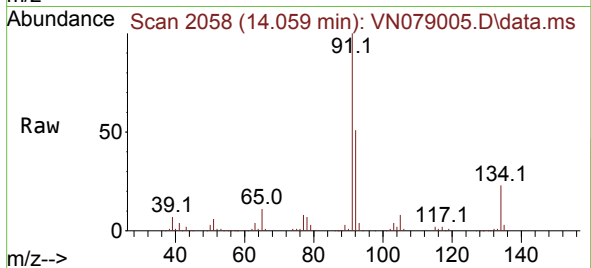




#89
n-Butylbenzene
Concen: 43.043 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

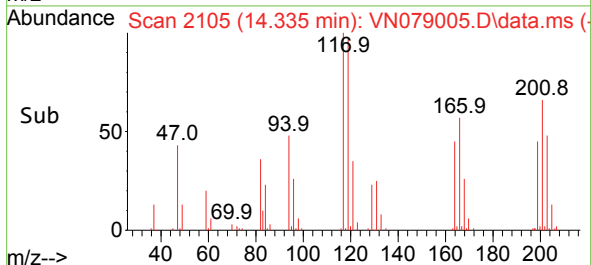
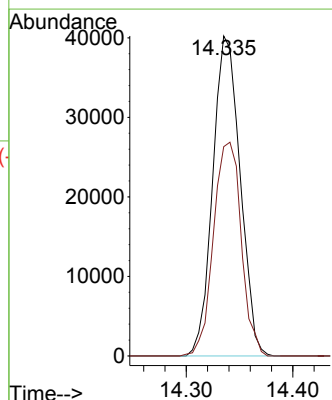
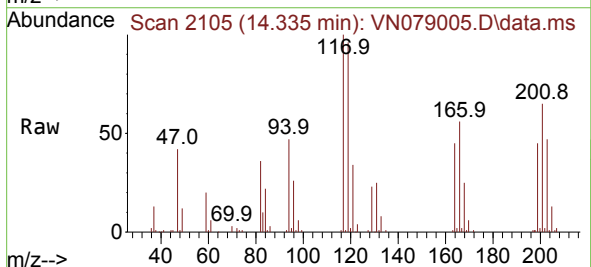
Instrument :
MSVOA_N
ClientSampleId :

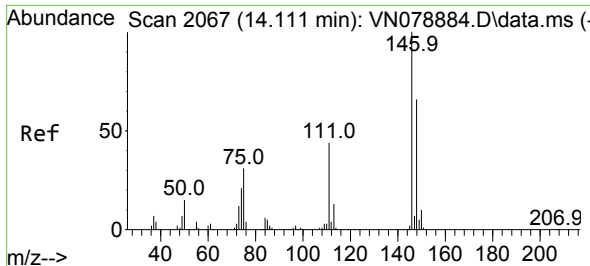
Tgt Ion: 91 Resp: 280614
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 24.4 12.6 37.6



#90
Hexachloroethane
Concen: 45.270 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion: 117 Resp: 71888
Ion Ratio Lower Upper
117 100
201 67.6 29.3 88.0

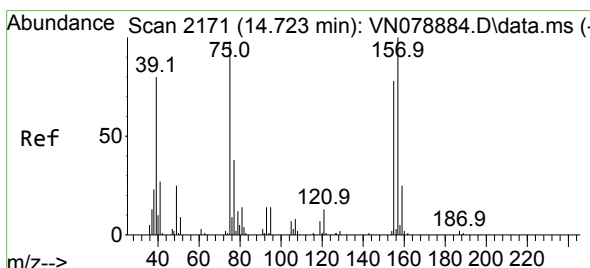
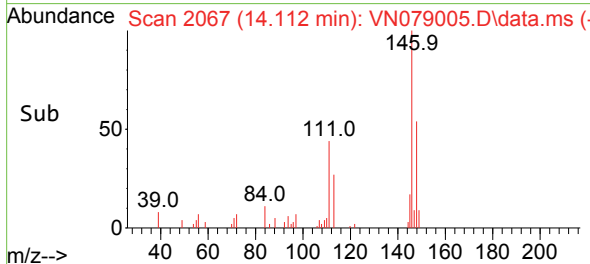
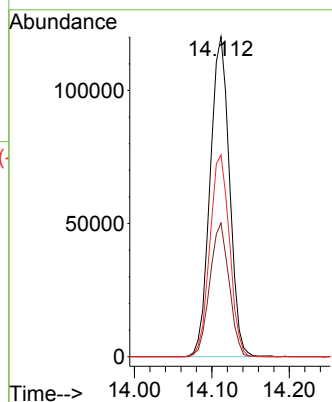
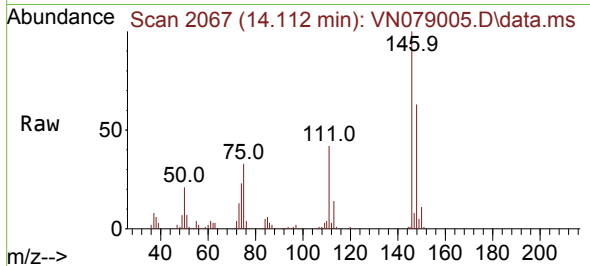




#91
1,2-Dichlorobenzene
Concen: 46.887 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

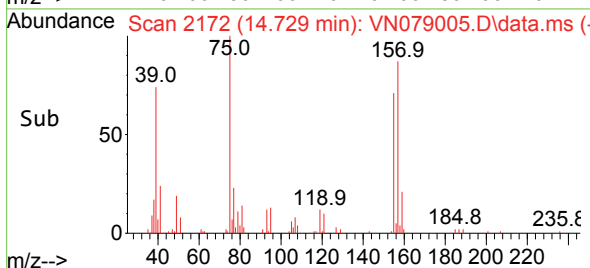
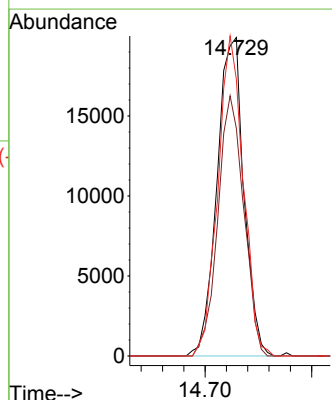
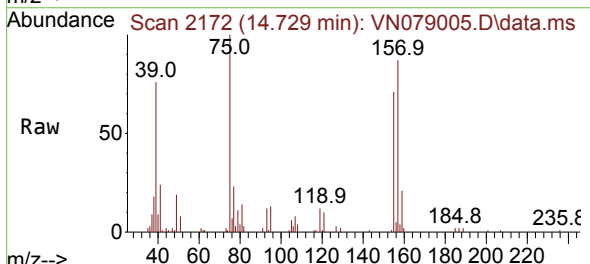
Instrument :
MSVOA_N
ClientSampleId :

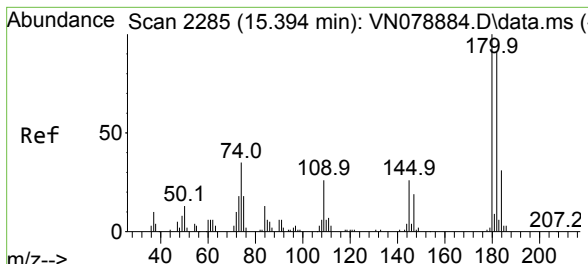
Tgt Ion:146 Resp: 208690
Ion Ratio Lower Upper
146 100
111 41.6 22.0 66.0
148 64.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.301 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

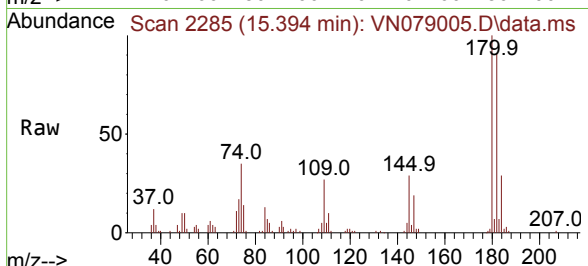
Tgt Ion: 75 Resp: 34844
Ion Ratio Lower Upper
75 100
155 78.7 39.1 117.2
157 94.9 50.3 150.9



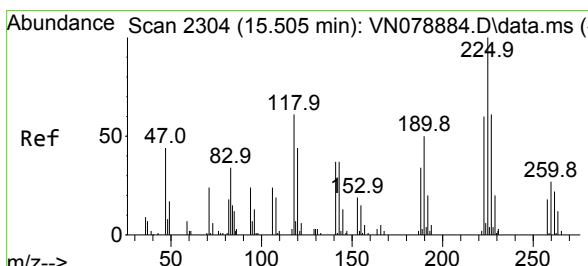
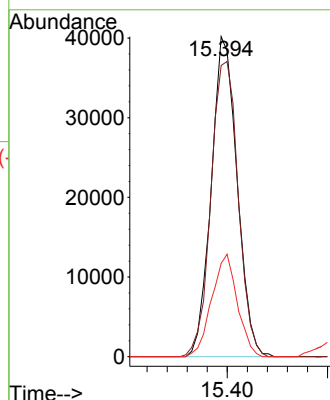
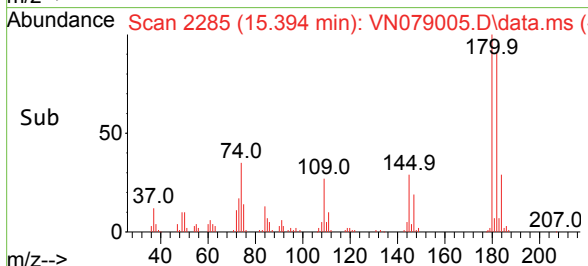


#93
 1,2,4-Trichlorobenzene
 Concen: 45.610 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37

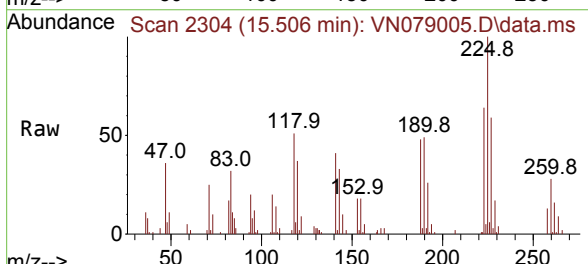
Instrument :
 MSVOA_N
 ClientSampleId :



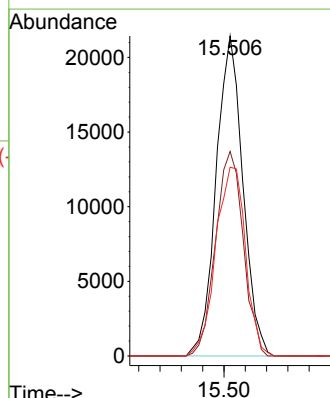
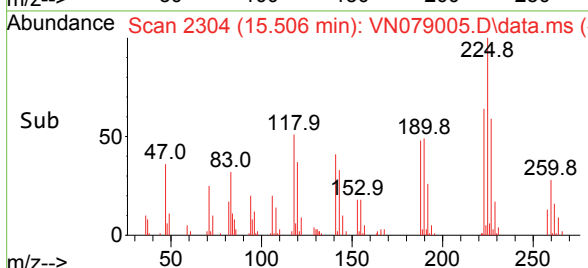
Tgt Ion:180 Resp: 71967
 Ion Ratio Lower Upper
 180 100
 182 97.2 46.1 138.2
 145 31.7 16.6 49.8

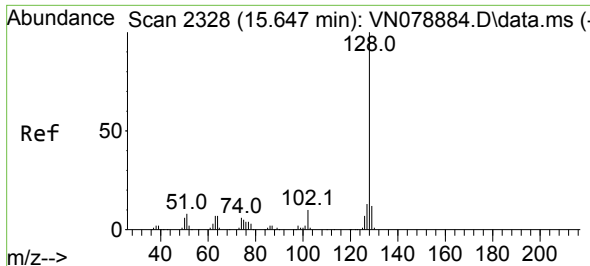


#94
 Hexachlorobutadiene
 Concen: 44.751 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079005.D
 Acq: 22 Aug 2023 19:37



Tgt Ion:225 Resp: 37372
 Ion Ratio Lower Upper
 225 100
 223 66.3 31.3 93.8
 227 65.5 31.9 95.9

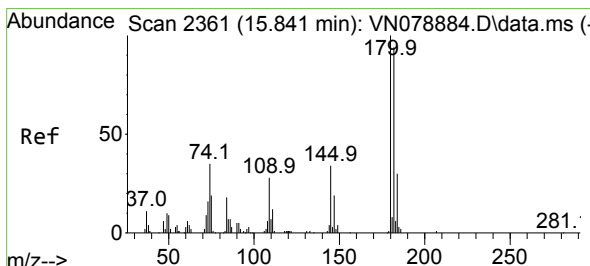
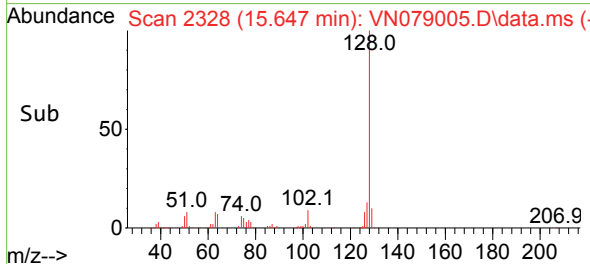
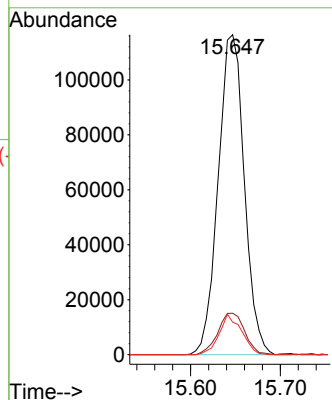
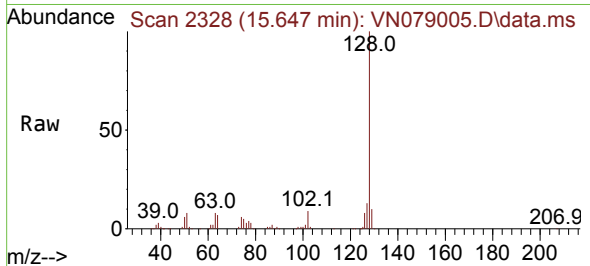




#95
Naphthalene
Concen: 39.884 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 235239
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.412 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079005.D
Acq: 22 Aug 2023 19:37

Tgt Ion:180 Resp: 80208
Ion Ratio Lower Upper
180 100
182 92.7 46.2 138.6
145 31.4 17.5 52.6

