

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079886.D
 Acq On : 04 Nov 2023 08:42
 Operator : JC\MD
 Sample : 05223-22MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 00:30:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	279468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	500503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	452879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	240253	56.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.860%
35) Dibromofluoromethane	8.171	113	192806	54.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.860%
50) Toluene-d8	10.571	98	711531	54.562	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.120%
62) 4-Bromofluorobenzene	12.847	95	236440	54.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.340%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	177014	52.585	ug/l	96
3) Chloromethane	2.365	50	211097	50.435	ug/l	99
4) Vinyl Chloride	2.512	62	267332	60.669	ug/l	97
5) Bromomethane	2.948	94	142678	53.291	ug/l	99
6) Chloroethane	3.118	64	172060	49.418	ug/l	95
7) Trichlorofluoromethane	3.501	101	288745	52.685	ug/l	99
8) Diethyl Ether	3.965	74	112576	54.129	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	158169	49.784	ug/l	100
10) Methyl Iodide	4.589	142	194118	53.504	ug/l	96
11) Tert butyl alcohol	5.518	59	133742	246.065	ug/l	98
12) 1,1-Dichloroethene	4.336	96	160171	53.245	ug/l #	81
13) Acrolein	4.177	56	129215	322.454	ug/l	98
14) Allyl chloride	5.024	41	252592	54.823	ug/l #	91
15) Acrylonitrile	5.718	53	475403	280.671	ug/l	98
16) Acetone	4.424	43	371015	248.073	ug/l	94
17) Carbon Disulfide	4.712	76	441012	50.825	ug/l	99
18) Methyl Acetate	5.024	43	355151	49.634	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	568651	54.907	ug/l	94
20) Methylene Chloride	5.277	84	199186	52.782	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	180329	53.750	ug/l #	75
22) Diisopropyl ether	6.671	45	648569	60.743	ug/l #	88
23) Vinyl Acetate	6.606	43	1542469	261.899	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	373592	57.567	ug/l	98
25) 2-Butanone	7.483	43	621833	283.932	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	230101	42.872	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	219205	54.622	ug/l	88
28) Bromochloromethane	7.812	49	187902	59.413	ug/l #	74
29) Tetrahydrofuran	7.841	42	415942	291.911	ug/l #	75
30) Chloroform	7.965	83	385569	54.696	ug/l	93
31) Cyclohexane	8.259	56	298085	52.981	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	339214	59.057	ug/l	95
36) 1,1-Dichloropropene	8.371	75	282150	55.784	ug/l	94
37) Ethyl Acetate	7.559	43	236365	50.955	ug/l #	91
38) Carbon Tetrachloride	8.365	117	282805	55.480	ug/l	99
39) Methylcyclohexane	9.606	83	249038	52.319	ug/l #	85
40) Benzene	8.606	78	827470	54.622	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	146424	59.443	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	308729	58.342	ug/l	97
43) Isopropyl Acetate	8.688	43	402553	49.485	ug/l #	92
44) Trichloroethene	9.353	130	538870	143.348	ug/l	96
45) 1,2-Dichloropropane	9.624	63	225530	58.255	ug/l	100
46) Dibromomethane	9.706	93	144815	54.782	ug/l	95
47) Bromodichloromethane	9.888	83	304863	54.076	ug/l	98
48) Methyl methacrylate	9.682	41	209528	58.804	ug/l #	79
49) 1,4-Dioxane	9.694	88	59859	950.733	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1326187	289.570	ug/l	90
52) Toluene	10.635	92	505695	56.307	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	299257	54.147	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	319730	53.076	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	199705	55.284	ug/l	92
56) Ethyl methacrylate	10.877	69	293304	56.923	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	362299	56.900	ug/l	99
59) 2-Hexanone	11.200	43	950140	271.191	ug/l	88
60) Dibromochloromethane	11.359	129	211361	54.663	ug/l	98
61) 1,2-Dibromoethane	11.471	107	195043	53.795	ug/l	97
64) Tetrachloroethene	11.106	164	173074	59.007	ug/l	98
65) Chlorobenzene	11.894	112	528584	53.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	197953	55.928	ug/l	97
67) Ethyl Benzene	11.965	91	950820	55.553	ug/l	97
68) m/p-Xylenes	12.071	106	716875	112.436	ug/l	96
69) o-Xylene	12.400	106	345772	56.318	ug/l	94
70) Styrene	12.412	104	573427	58.117	ug/l	97
71) Bromoform	12.582	173	139357	55.448	ug/l #	99
73) Isopropylbenzene	12.700	105	866166	54.034	ug/l	99
74) N-amyl acetate	12.494	43	319473	45.659	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	281308	49.495	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	353396	71.267	ug/l	74
77) Bromobenzene	12.982	156	207823	52.954	ug/l	94
78) n-propylbenzene	13.041	91	1014707	55.276	ug/l	97
79) 2-Chlorotoluene	13.129	91	630645	53.777	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	701348	56.234	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	75832	41.607	ug/l #	82
82) 4-Chlorotoluene	13.223	91	627183	53.821	ug/l	99
83) tert-Butylbenzene	13.441	119	577431	56.561	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	710818	57.928	ug/l	100
85) sec-Butylbenzene	13.618	105	796352	56.303	ug/l	99
86) p-Isopropyltoluene	13.729	119	656615	56.940	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	367250	50.302	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	367319	49.567	ug/l	99
89) n-Butylbenzene	14.059	91	538557	54.223	ug/l	99
90) Hexachloroethane	14.335	117	124258	54.409	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	360387	52.290	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50888	52.797	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	168124	51.303	ug/l	96
94) Hexachlorobutadiene	15.506	225	73452	49.443	ug/l	99
95) Naphthalene	15.641	128	501989	45.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	161821	50.375	ug/l	95

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QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

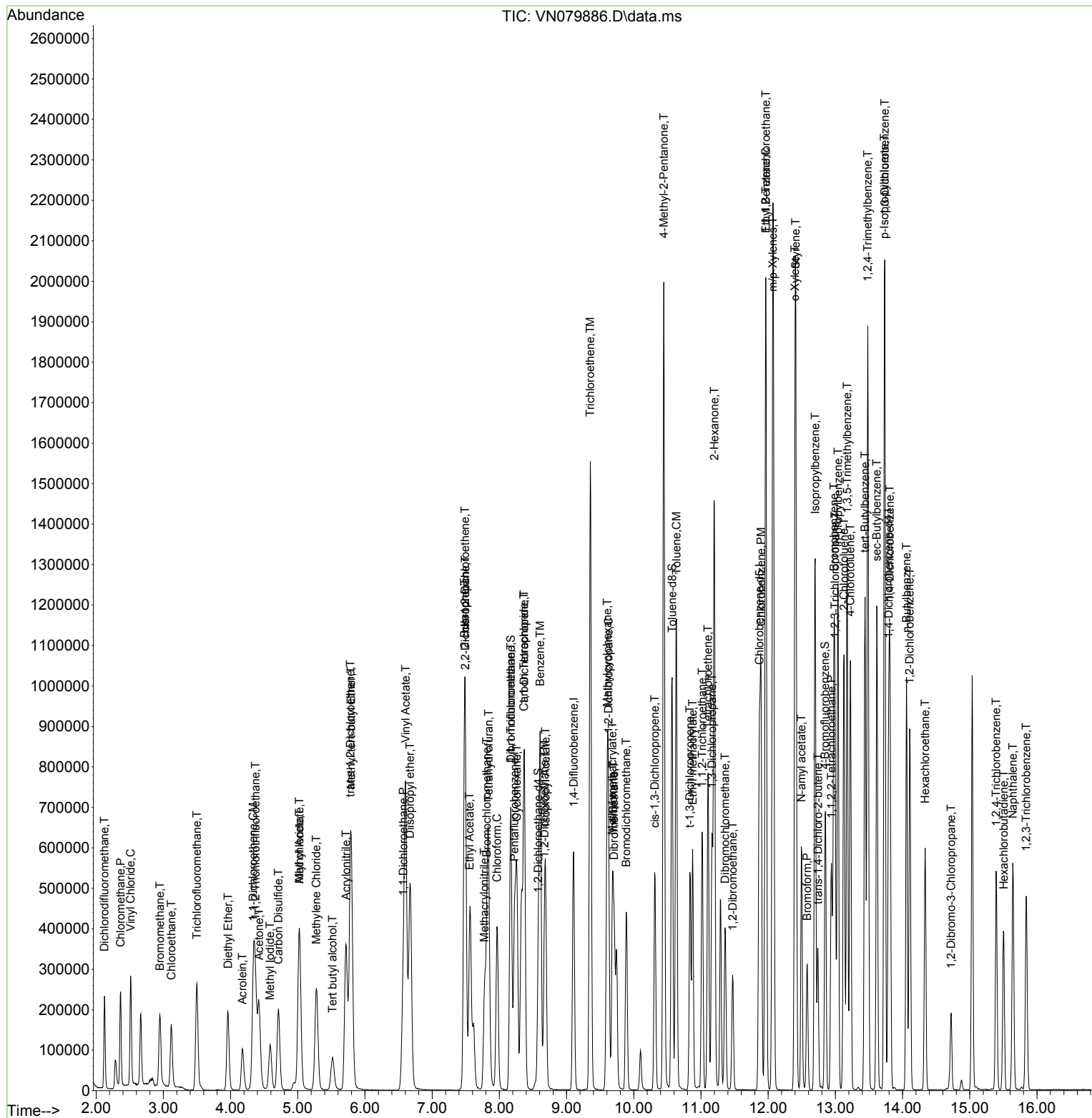
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

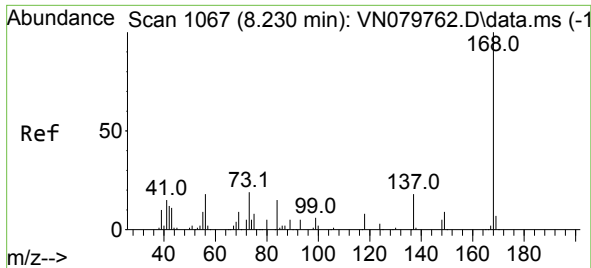
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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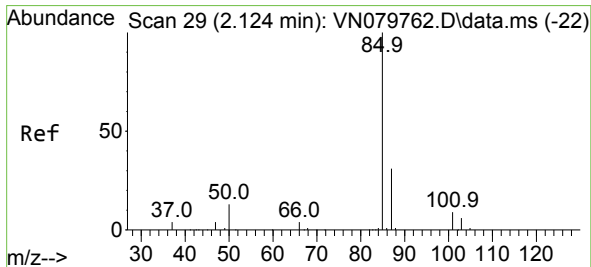
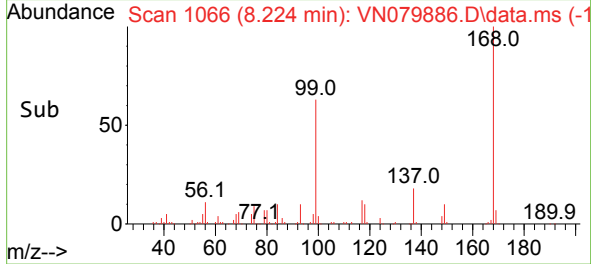
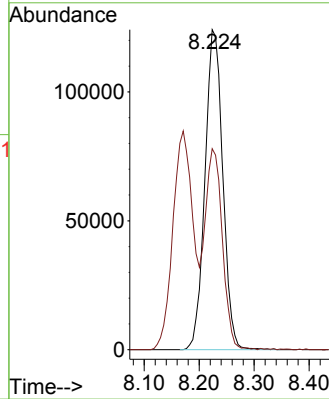
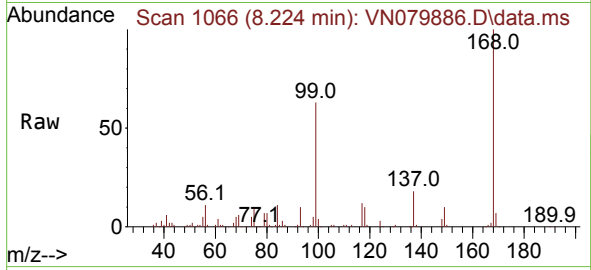




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
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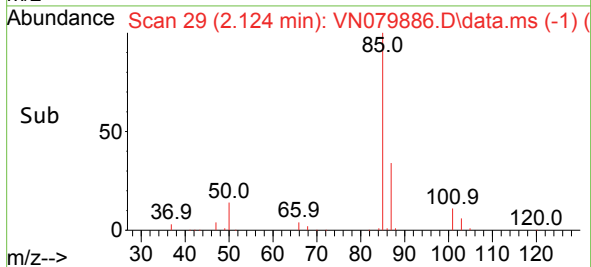
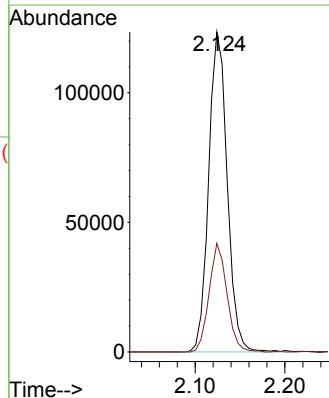
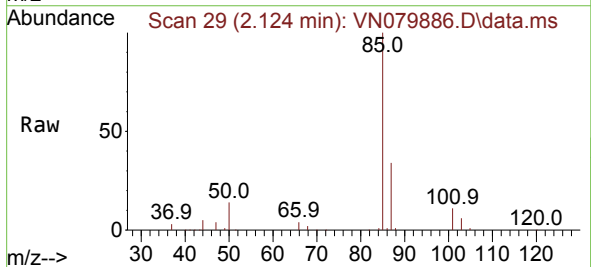
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MSVOA_N
ClientSampleId :

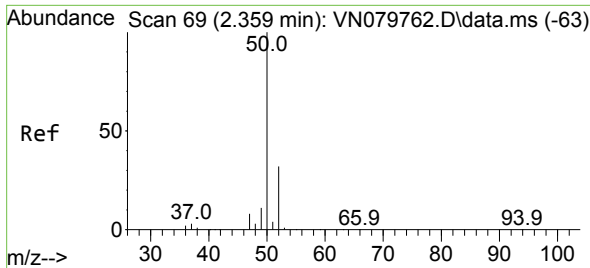
Tgt Ion:168 Resp: 279468
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 52.585 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 85 Resp: 177014
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.4

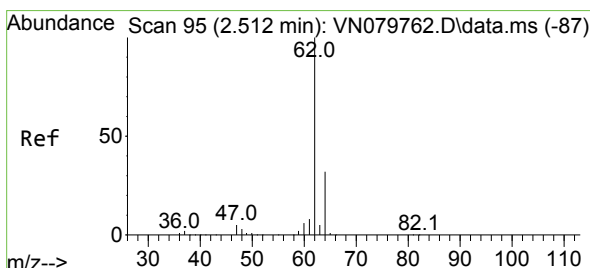
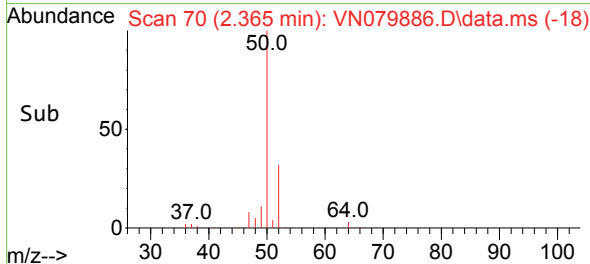
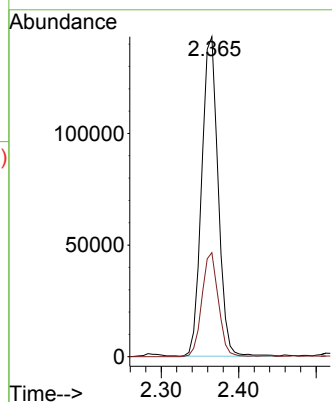
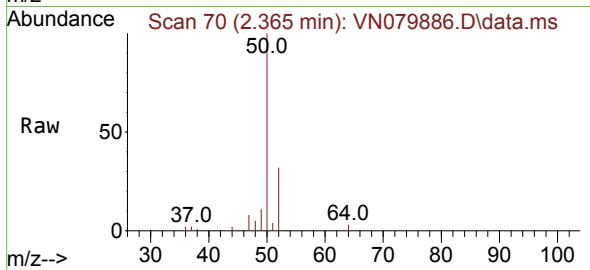




#3
Chloromethane
Concen: 50.435 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

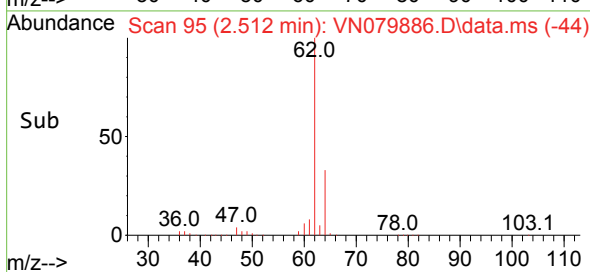
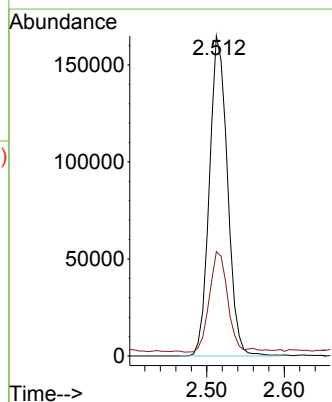
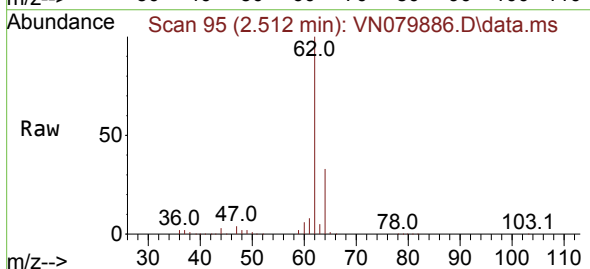
Instrument :
MSVOA_N
ClientSampleId :

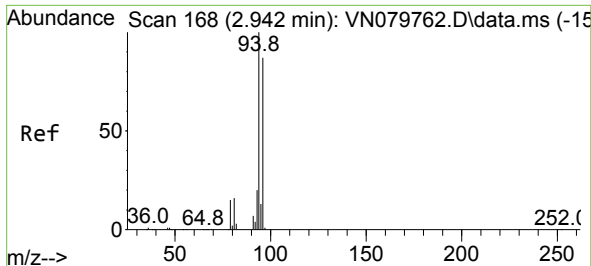
Tgt Ion: 50 Resp: 211097
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7



#4
Vinyl Chloride
Concen: 60.669 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 62 Resp: 267332
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2

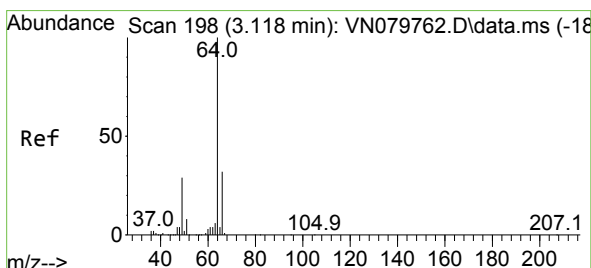
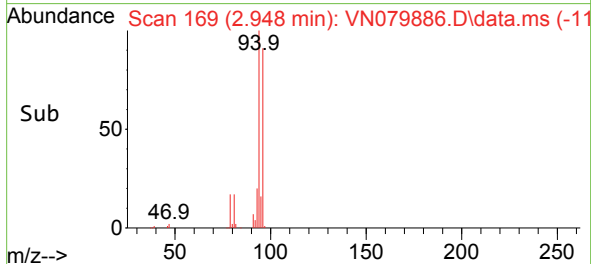
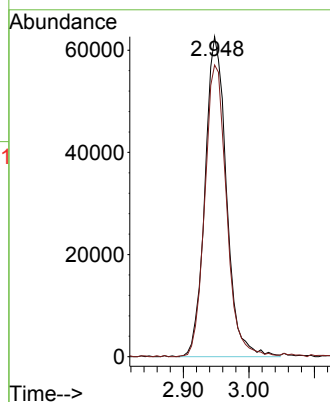
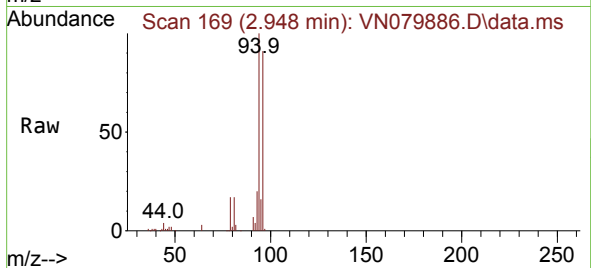




#5
Bromomethane
Concen: 53.291 ug/l
RT: 2.948 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

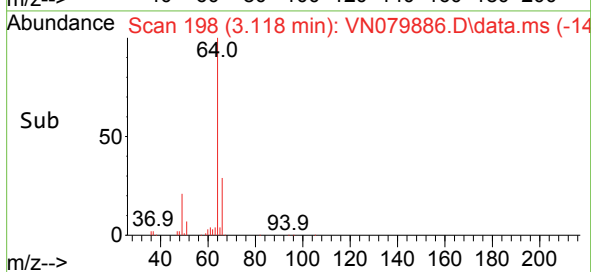
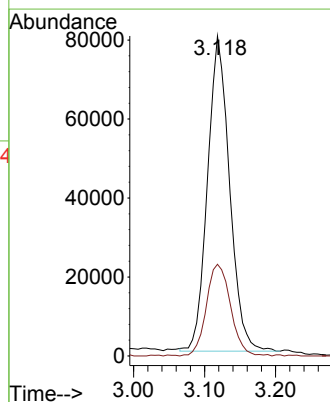
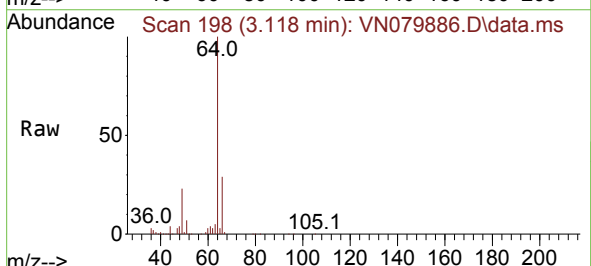
Instrument :
MSVOA_N
ClientSampleId :

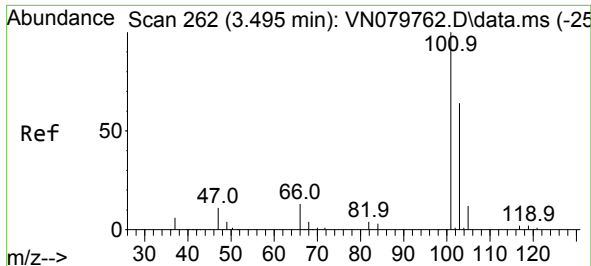
Tgt Ion: 94 Resp: 142678
Ion Ratio Lower Upper
94 100
96 90.9 73.1 109.7



#6
Chloroethane
Concen: 49.418 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 64 Resp: 172060
Ion Ratio Lower Upper
64 100
66 29.1 25.4 38.2

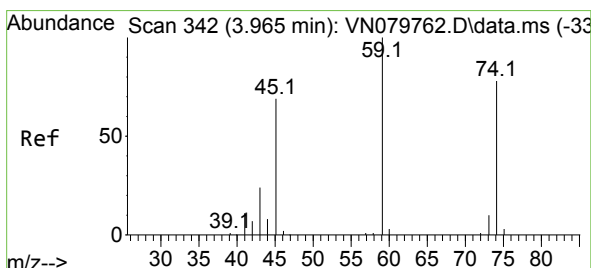
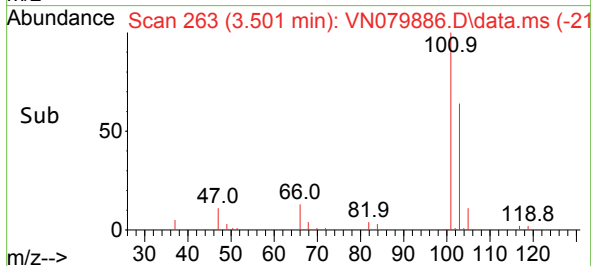
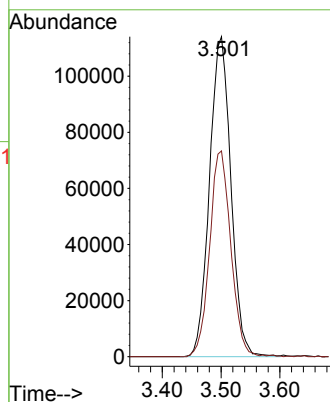
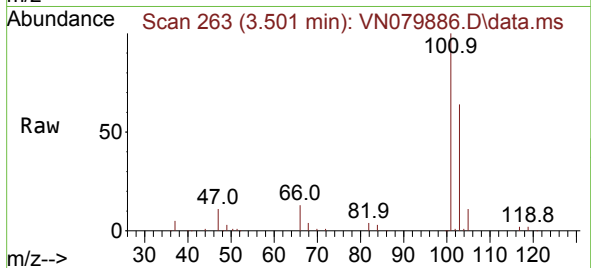




#7
Trichlorofluoromethane
Concen: 52.685 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

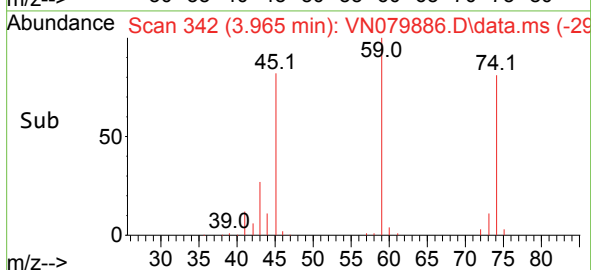
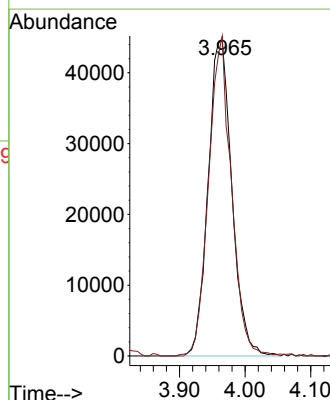
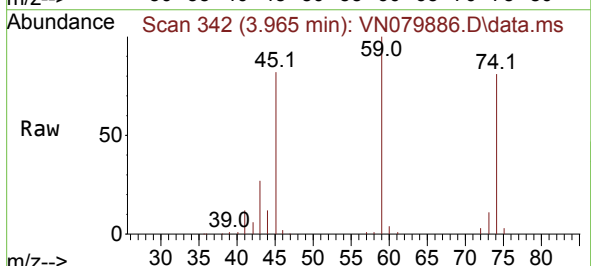
Instrument :
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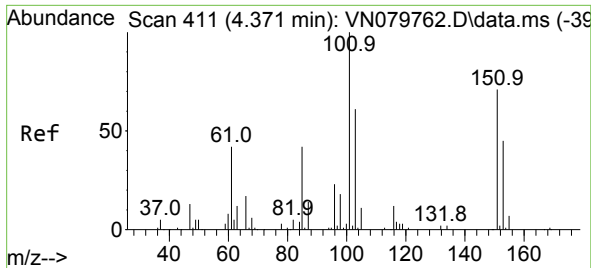
Tgt Ion:101 Resp: 288745
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1



#8
Diethyl Ether
Concen: 54.129 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 74 Resp: 112576
Ion Ratio Lower Upper
74 100
45 96.6 34.4 103.3

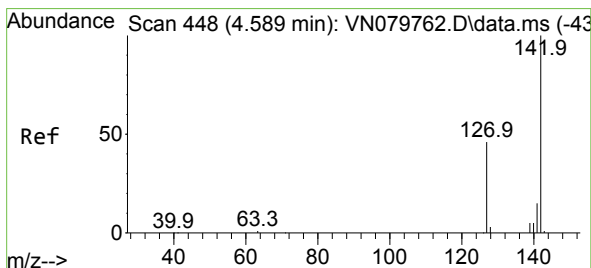
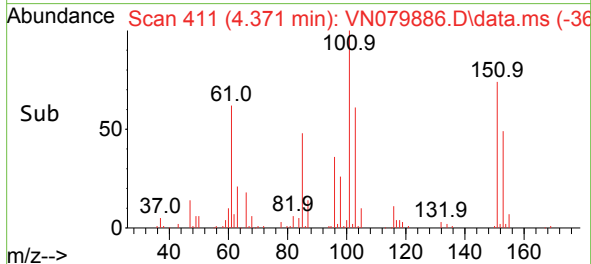
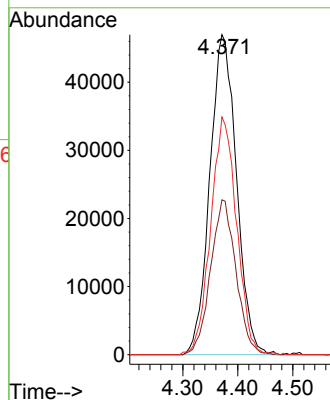
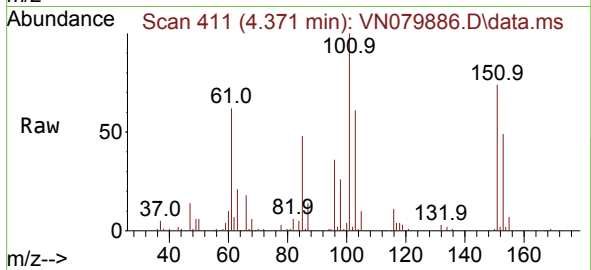




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.784 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

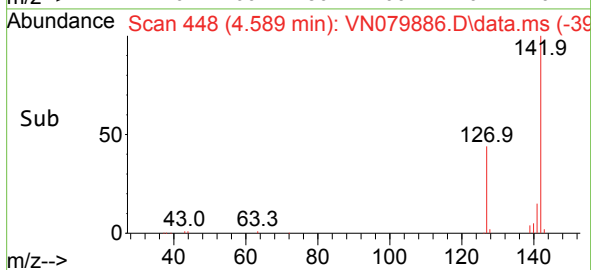
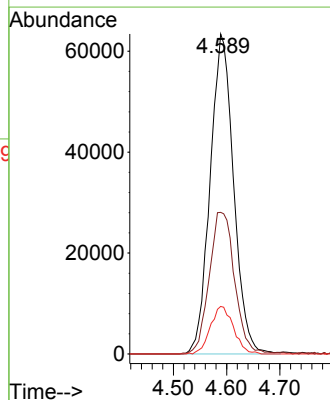
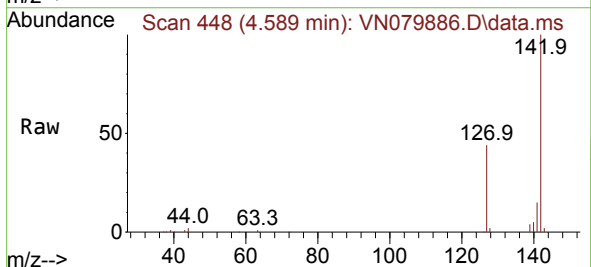
Instrument :
MSVOA_N
ClientSampleId :

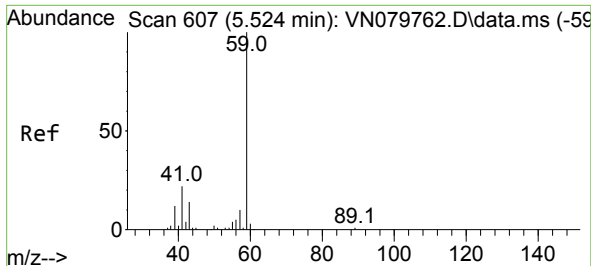
Tgt Ion:101 Resp: 158169
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 72.3 57.6 86.4



#10
Methyl Iodide
Concen: 53.504 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion:142 Resp: 194118
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.9 11.4 17.0

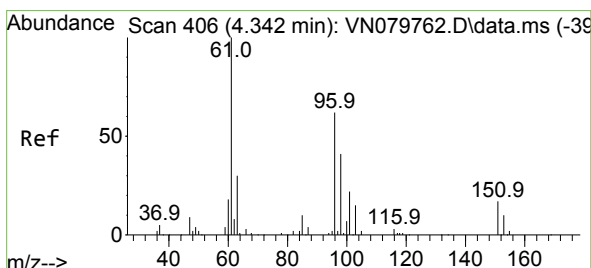
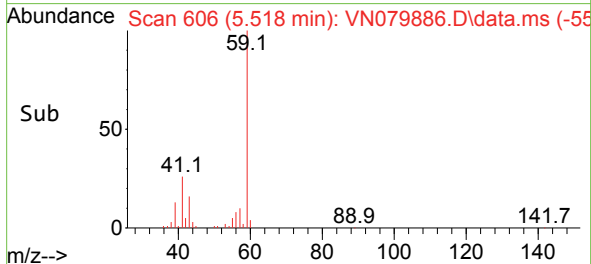
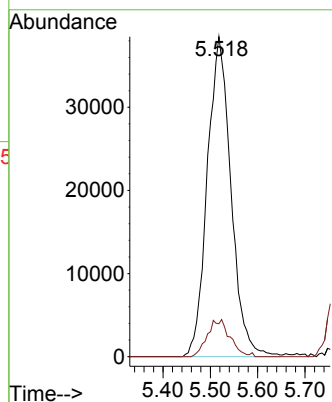
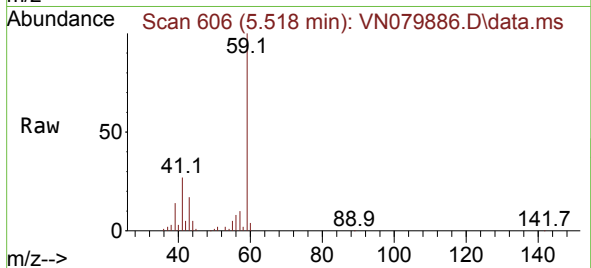




#11
Tert butyl alcohol
Concen: 246.065 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

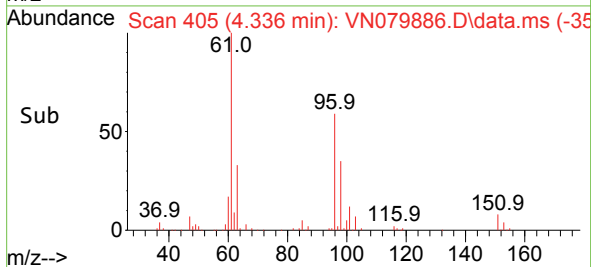
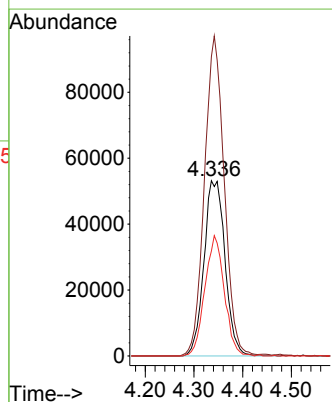
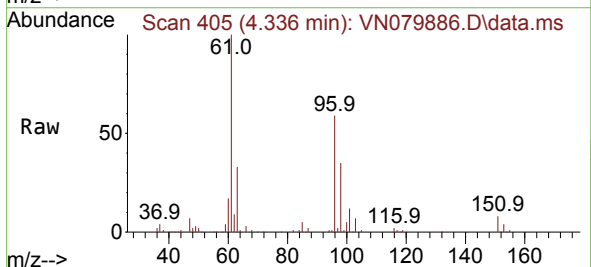
Instrument :
MSVOA_N
ClientSampleId :

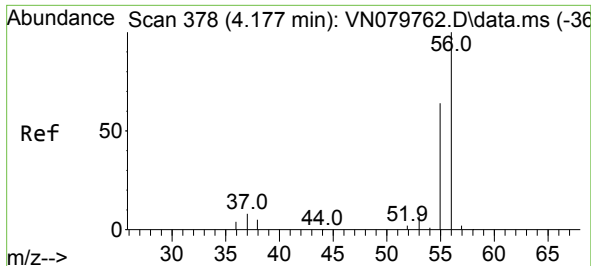
Tgt Ion: 59 Resp: 133742
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.245 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

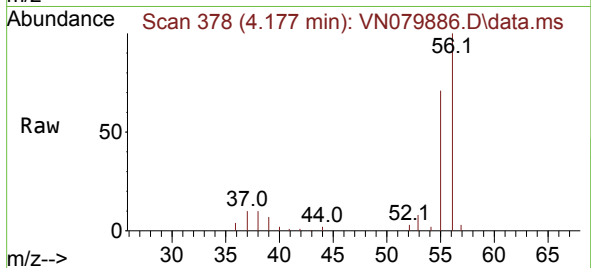
Tgt Ion: 96 Resp: 160171
Ion Ratio Lower Upper
96 100
61 170.9 112.7 169.1#
98 59.9 51.2 76.8



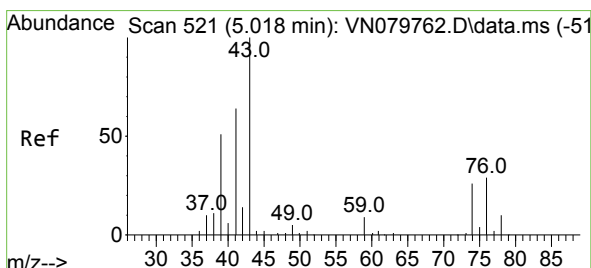
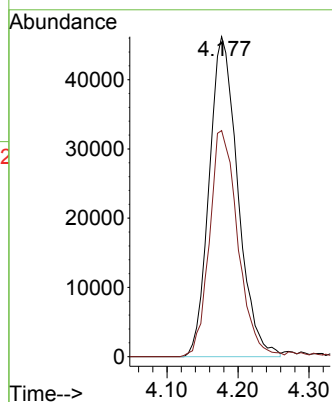
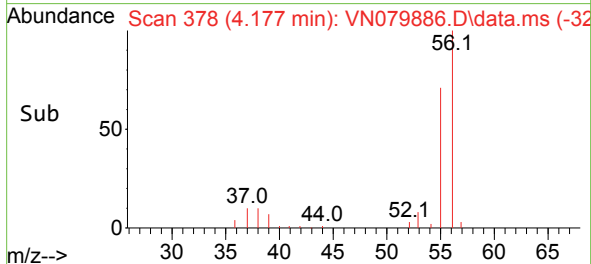


#13
Acrolein
Concen: 322.454 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

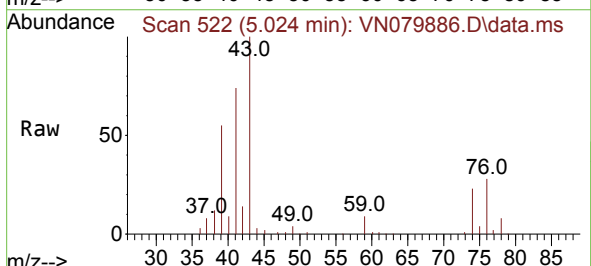
Instrument :
MSVOA_N
ClientSampleId :



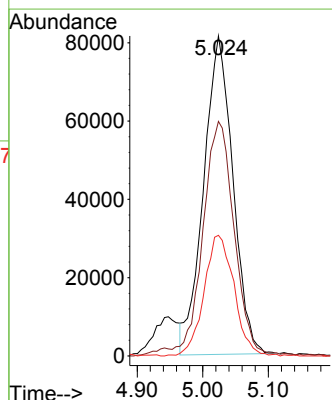
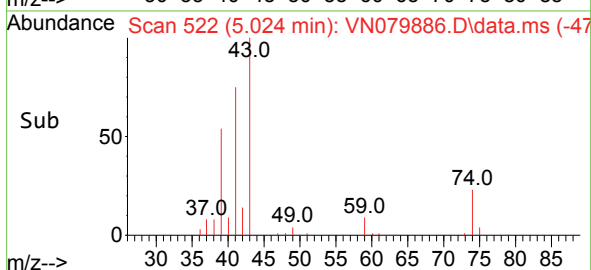
Tgt Ion: 56 Resp: 129215
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

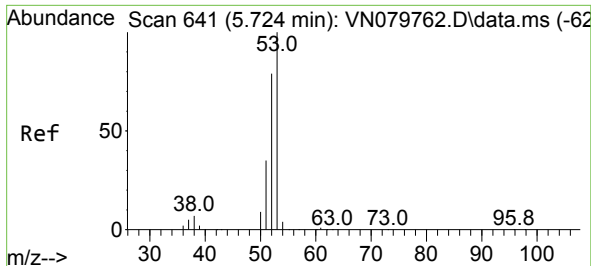


#14
Allyl chloride
Concen: 54.823 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42



Tgt Ion: 41 Resp: 252592
Ion Ratio Lower Upper
41 100
39 77.6 58.8 88.2
76 38.8 39.1 58.7#

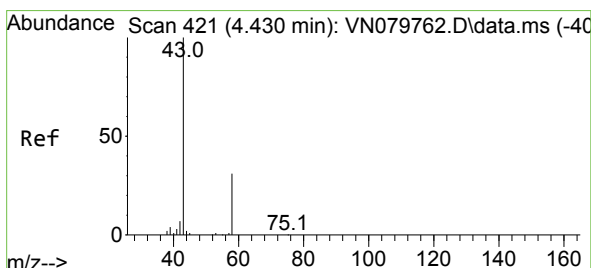
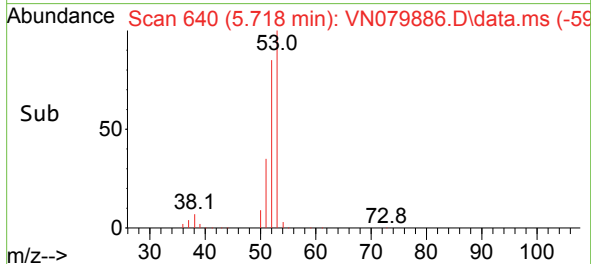
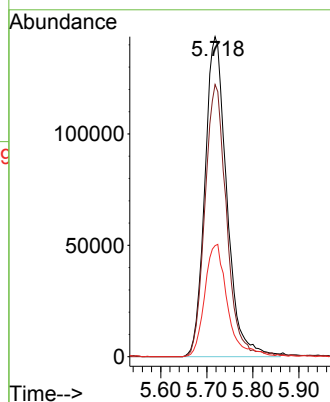
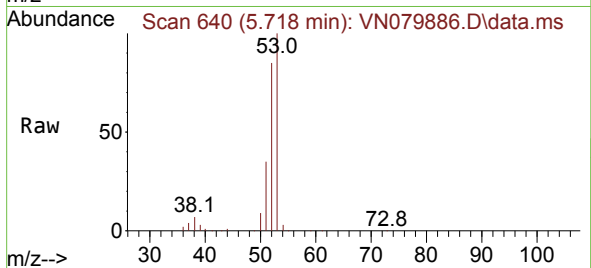




#15
Acrylonitrile
Concen: 280.671 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

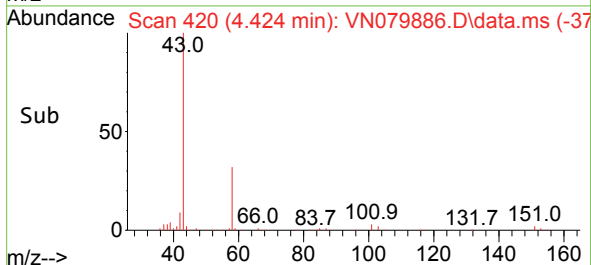
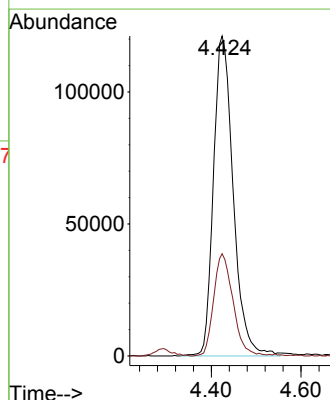
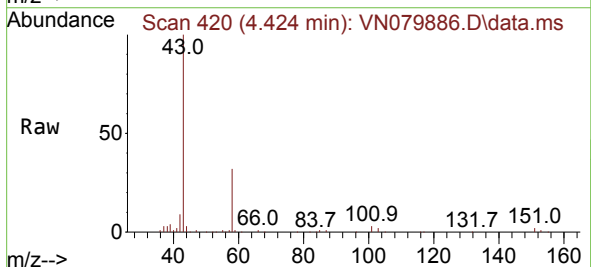
Instrument :
MSVOA_N
ClientSampleId :

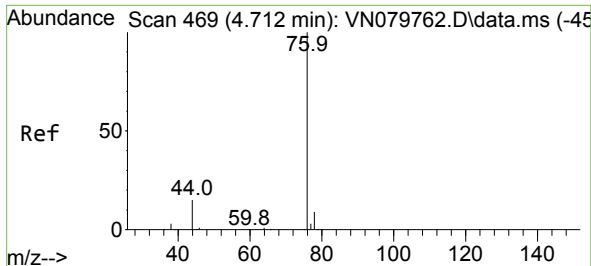
Tgt Ion: 53 Resp: 475403
Ion Ratio Lower Upper
53 100
52 84.0 65.3 97.9
51 36.5 28.9 43.3



#16
Acetone
Concen: 248.073 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 43 Resp: 371015
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0

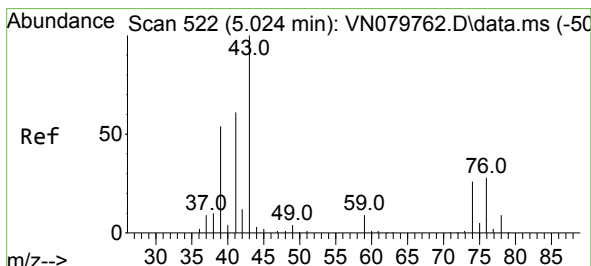
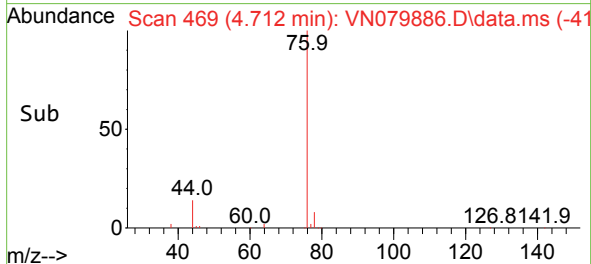
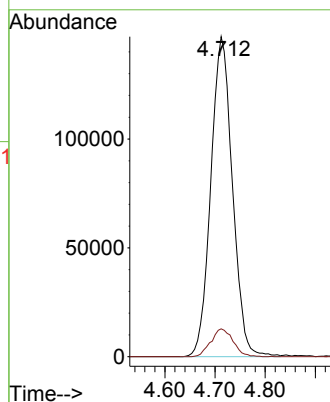
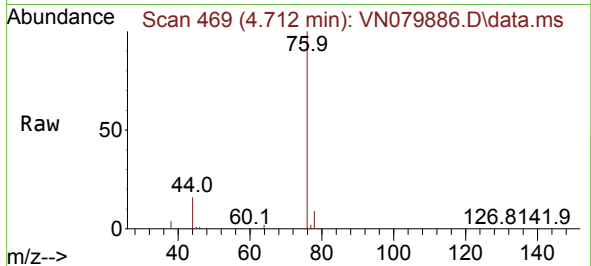




#17
Carbon Disulfide
Concen: 50.825 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

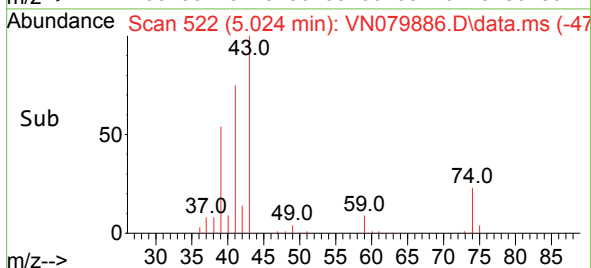
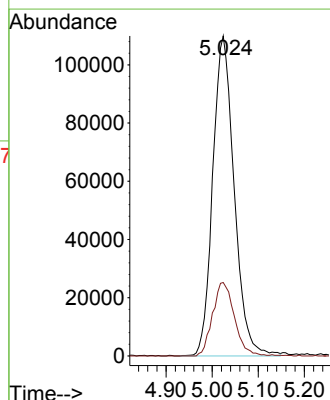
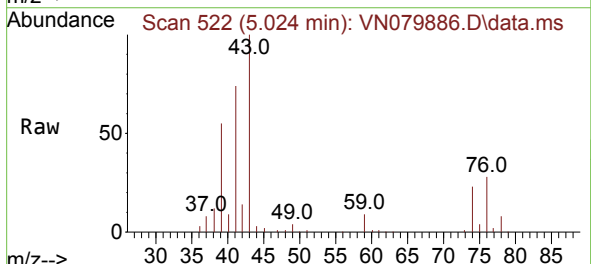
Instrument :
MSVOA_N
ClientSampleId :

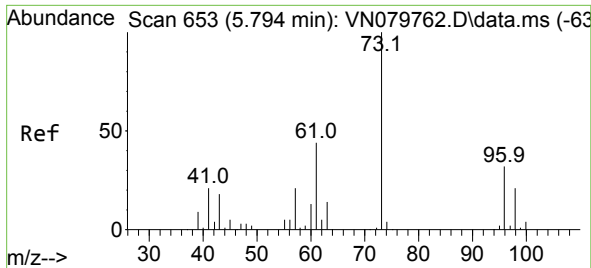
Tgt Ion: 76 Resp: 441012
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 49.634 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 43 Resp: 355151
Ion Ratio Lower Upper
43 100
74 23.3 26.2 39.4#

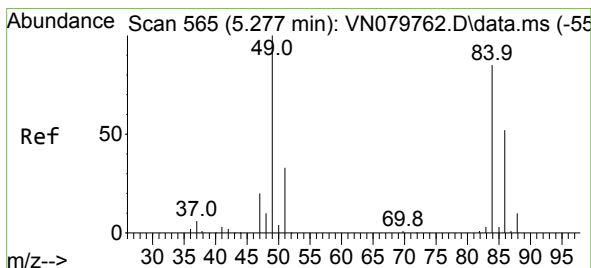
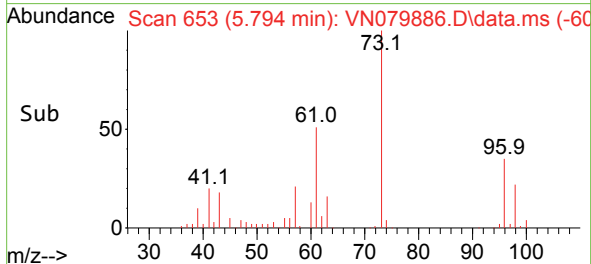
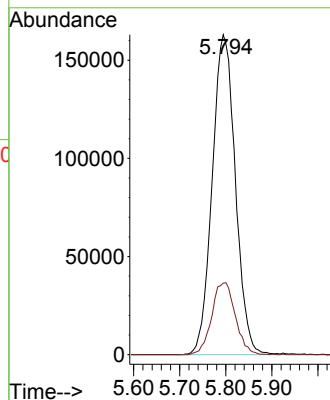
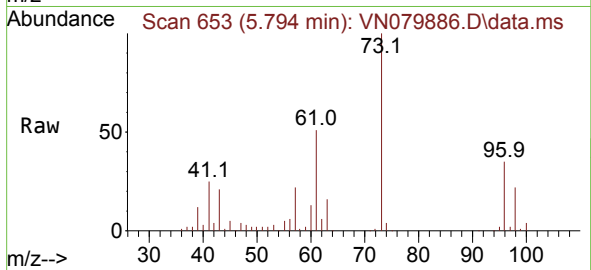




#19
Methyl tert-butyl Ether
Concen: 54.907 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

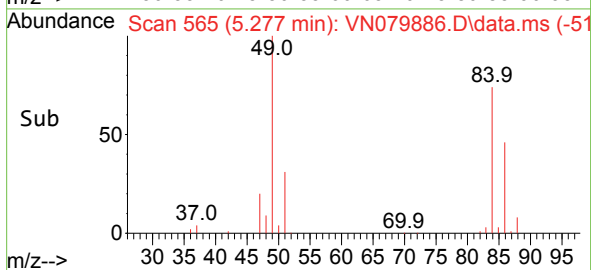
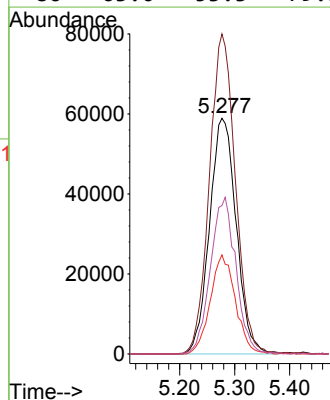
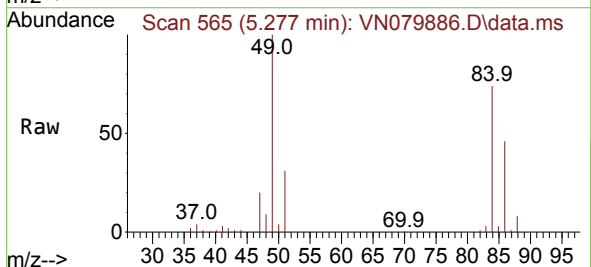
Instrument :
MSVOA_N
ClientSampleId :

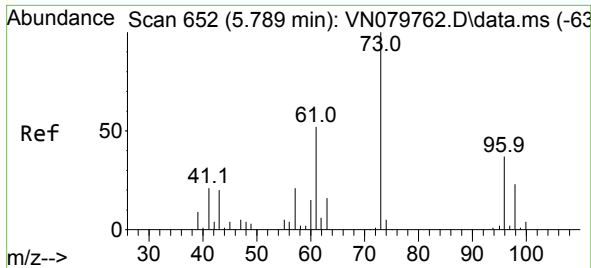
Tgt Ion: 73 Resp: 568651
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4



#20
Methylene Chloride
Concen: 52.782 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 84 Resp: 199186
Ion Ratio Lower Upper
84 100
49 135.5 79.7 119.5#
51 42.0 25.2 37.8#
86 63.0 53.3 79.9

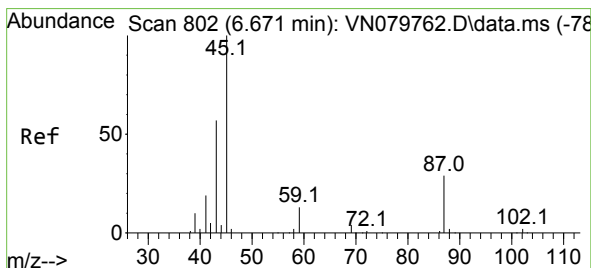
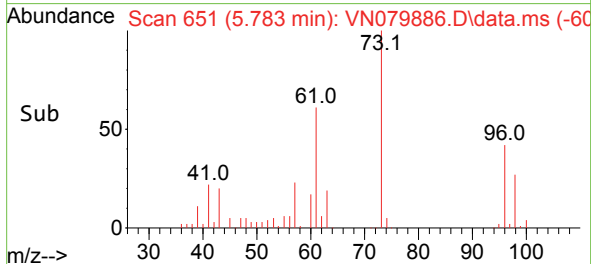
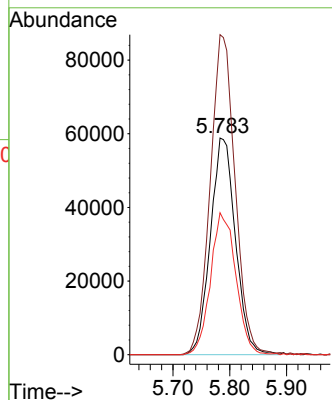
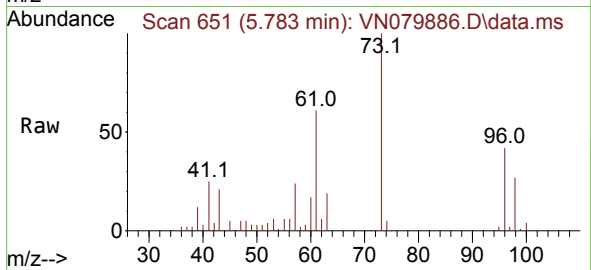




#21
trans-1,2-Dichloroethene
Concen: 53.750 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

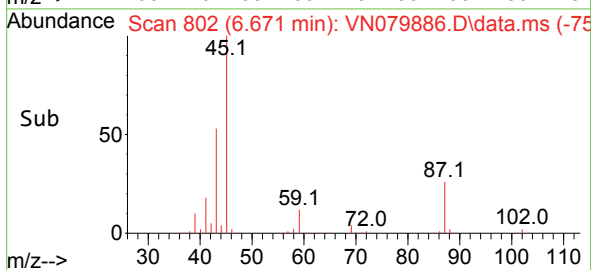
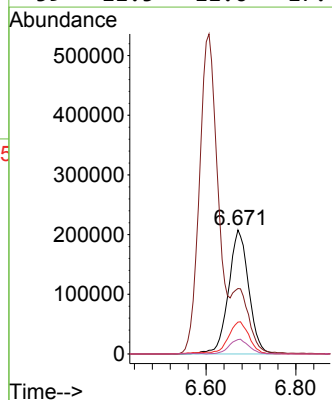
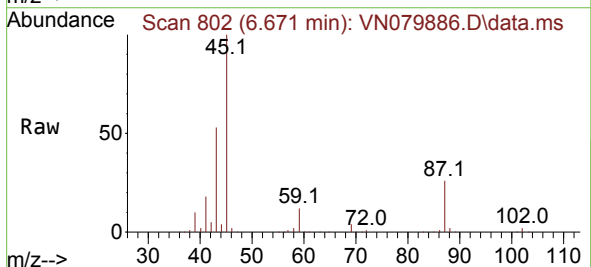
Instrument :
MSVOA_N
ClientSampleId :

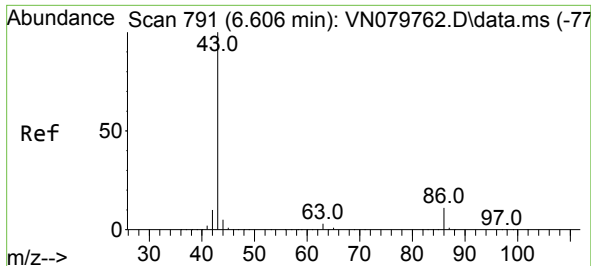
Tgt Ion: 96 Resp: 180329
Ion Ratio Lower Upper
96 100
61 147.7 90.1 135.1#
98 65.5 46.4 69.6



#22
Diisopropyl ether
Concen: 60.743 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 45 Resp: 648569
Ion Ratio Lower Upper
45 100
43 52.2 45.5 68.3
87 25.6 31.8 47.8#
59 11.5 11.6 17.4#

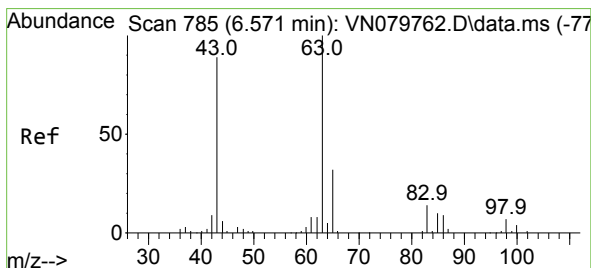
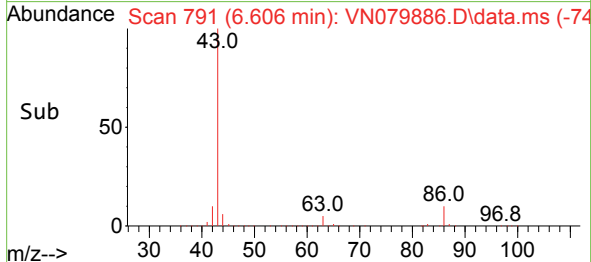
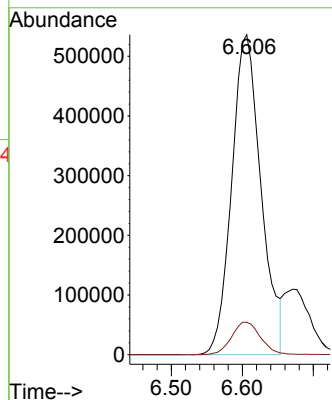
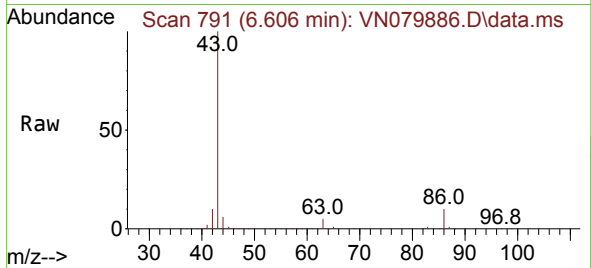




#23
 Vinyl Acetate
 Concen: 261.899 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

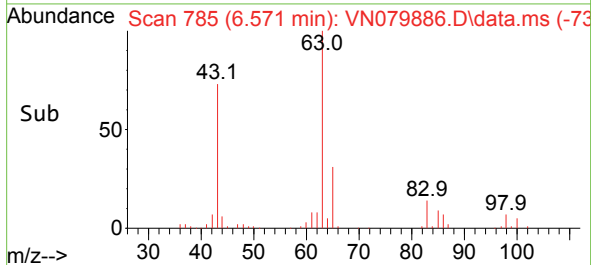
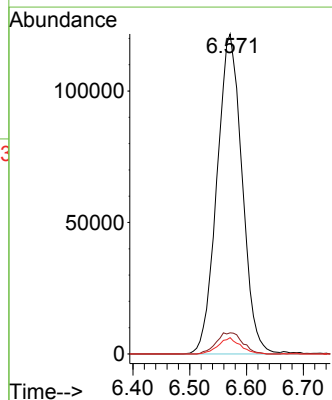
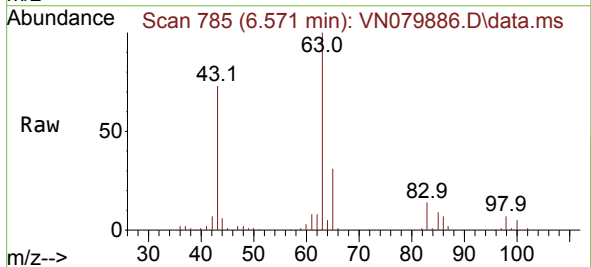
Instrument :
 MSVOA_N
 ClientSampleId :

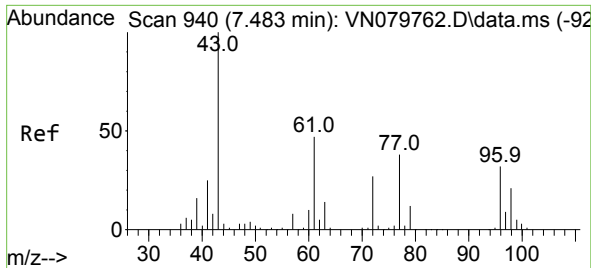
Tgt Ion: 43 Resp: 1542469
 Ion Ratio Lower Upper
 43 100
 86 10.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 57.567 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

Tgt Ion: 63 Resp: 373592
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 5.1 2.5 7.4

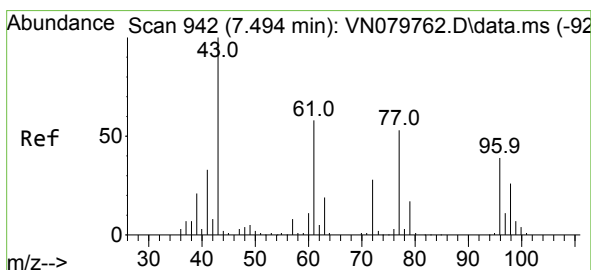
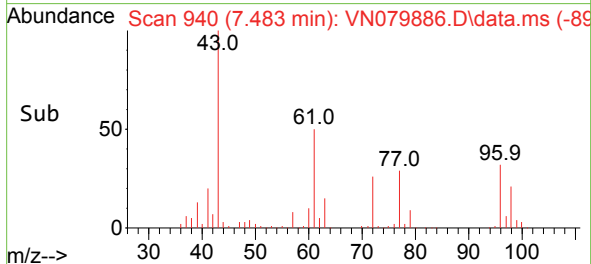
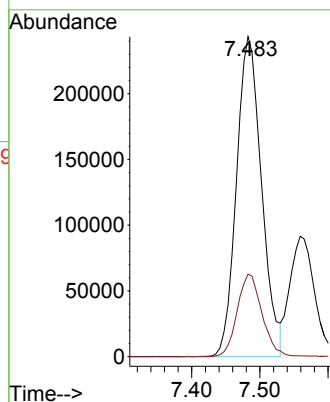
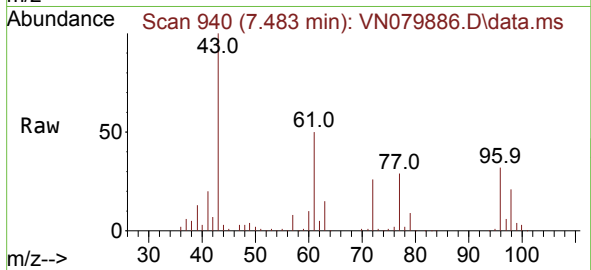




#25
2-Butanone
Concen: 283.932 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

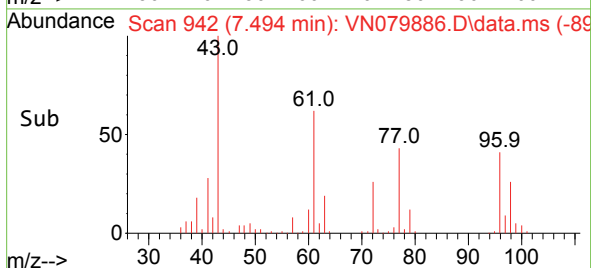
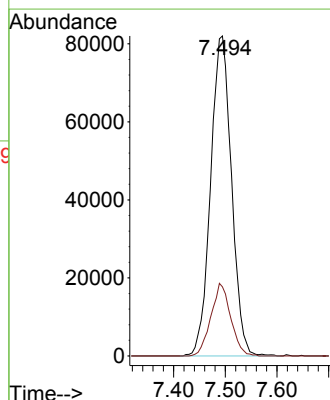
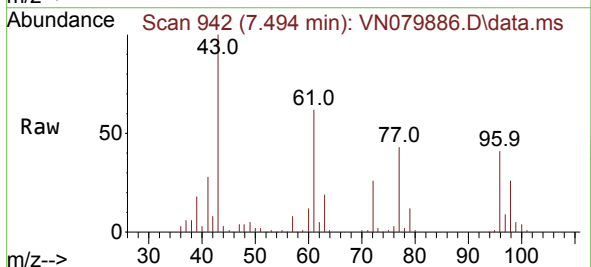
Instrument :
MSVOA_N
ClientSampleId :

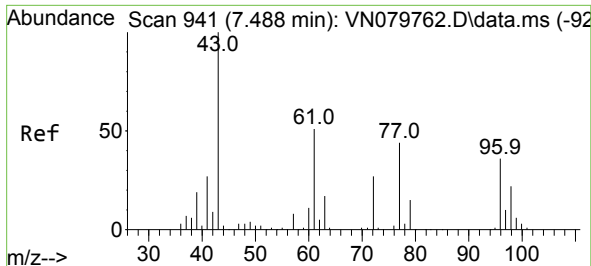
Tgt Ion: 43 Resp: 621833
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 42.872 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 77 Resp: 230101
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.6

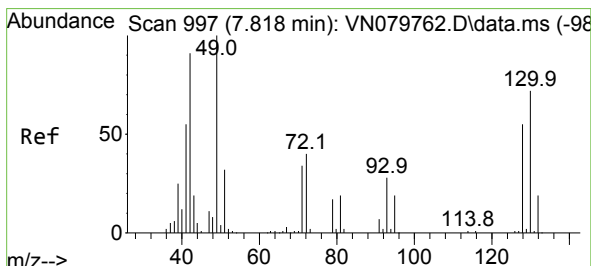
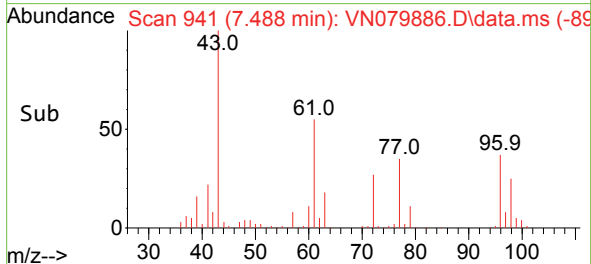
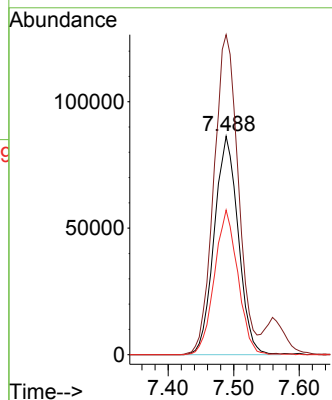
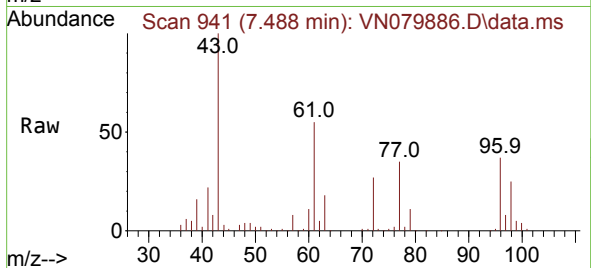




#27
 cis-1,2-Dichloroethene
 Concen: 54.622 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

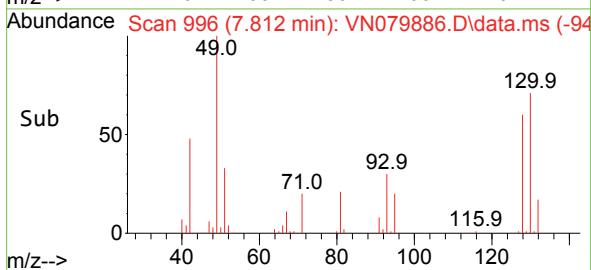
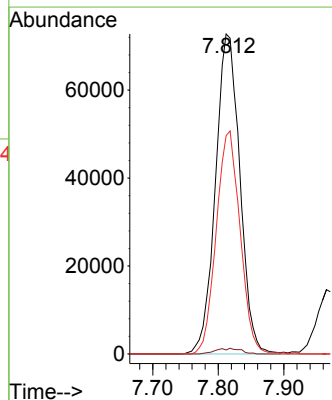
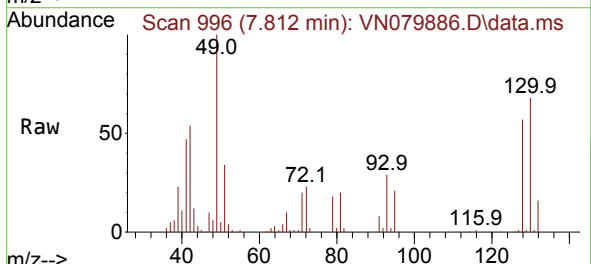
Instrument :
 MSVOA_N
 ClientSampleId :

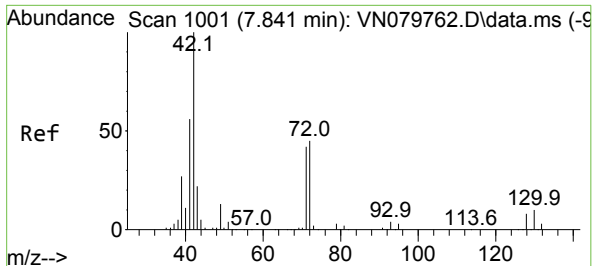
Tgt Ion: 96 Resp: 219205
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 255.2
 98 64.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 59.413 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

Tgt Ion: 49 Resp: 187902
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.8
 130 68.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 291.911 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

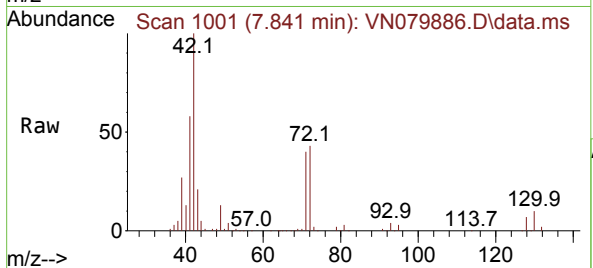
Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

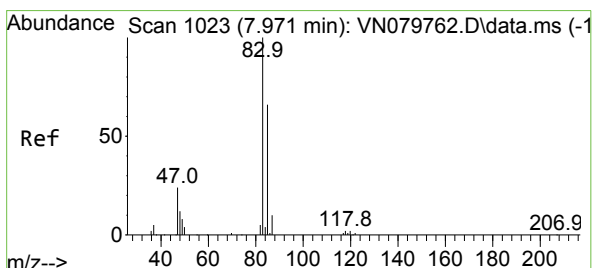
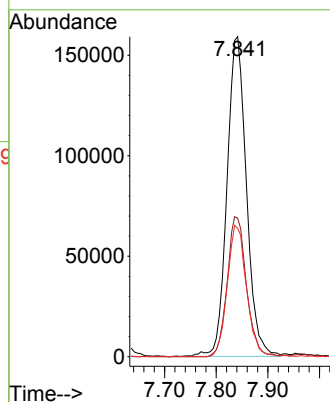
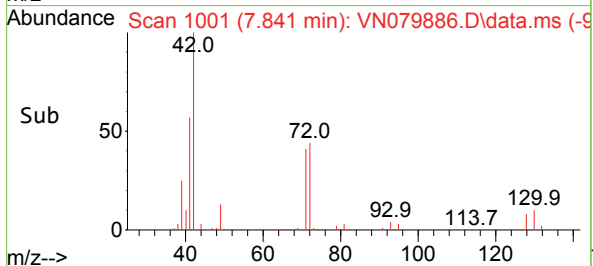
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	415942
Ion	Ratio	Lower	Upper
42	100		
72	43.3	49.8	74.6#
71	40.4	47.4	71.2#



#30

Chloroform

Concen: 54.696 ug/l

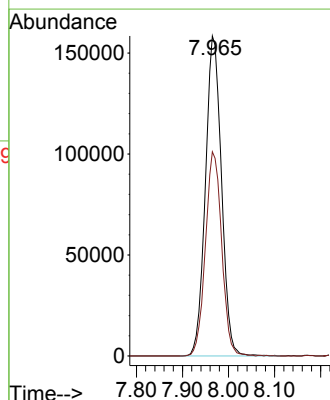
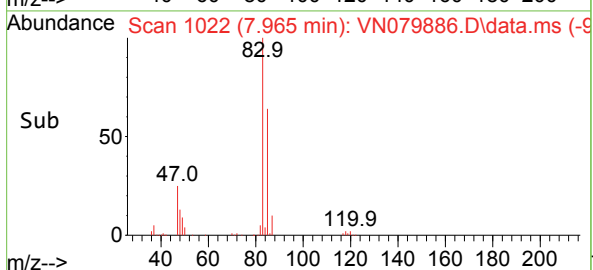
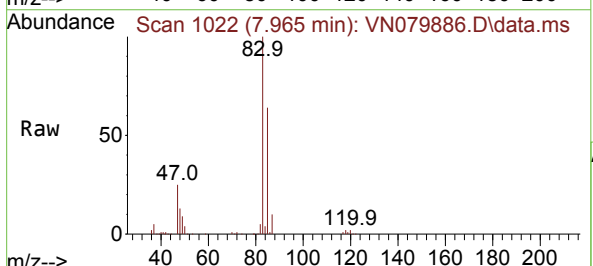
RT: 7.965 min Scan# 1022

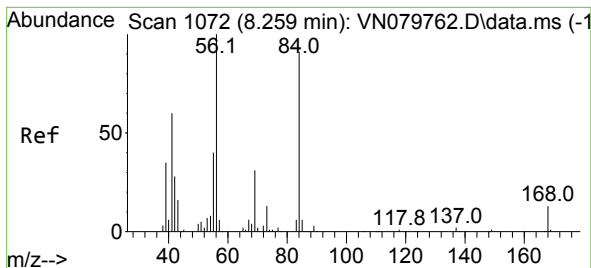
Delta R.T. -0.006 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Tgt Ion:	83	Resp:	385569
Ion	Ratio	Lower	Upper
83	100		
85	63.8	55.4	83.0





#31

Cyclohexane

Concen: 52.981 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

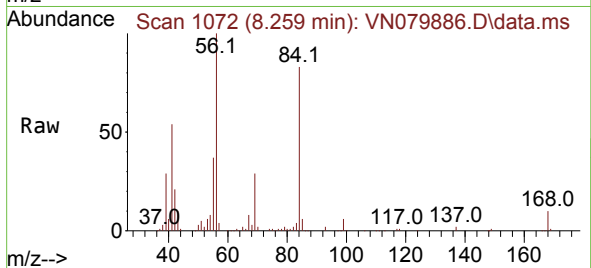
Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

ClientSampleId :



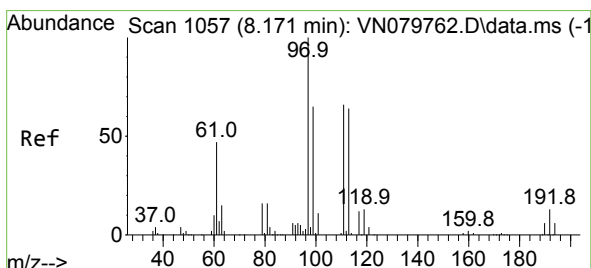
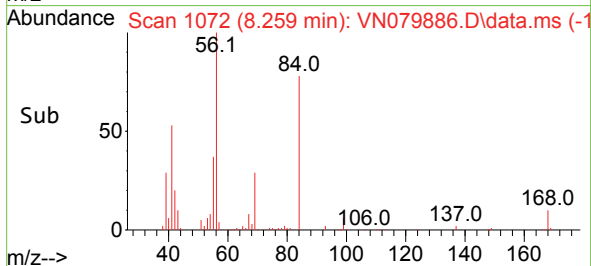
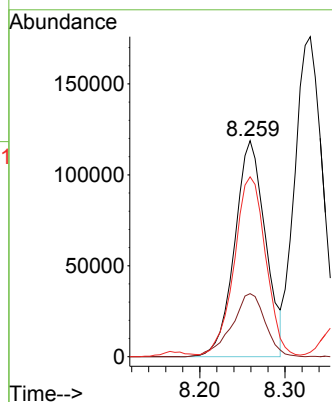
Tgt Ion: 56 Resp: 298085

Ion Ratio Lower Upper

56 100

69 29.2 26.8 40.2

84 81.1 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 59.057 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

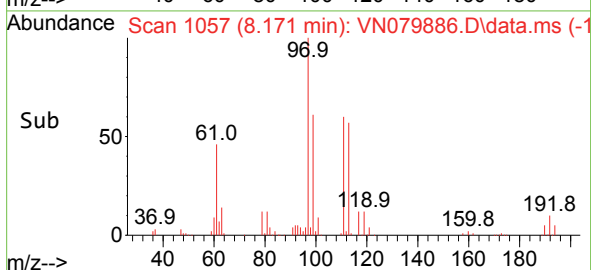
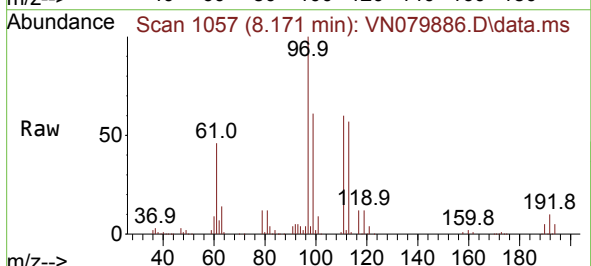
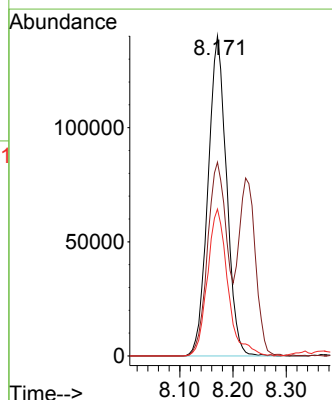
Tgt Ion: 97 Resp: 339214

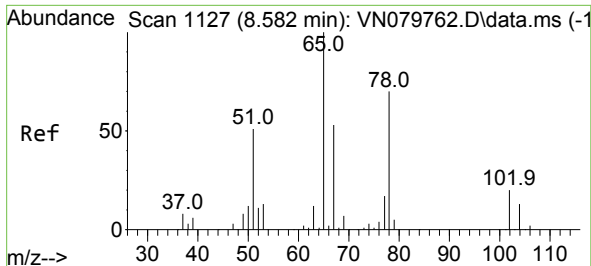
Ion Ratio Lower Upper

97 100

99 64.1 50.3 75.5

61 50.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.427 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

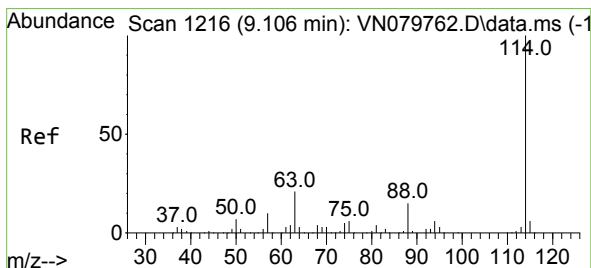
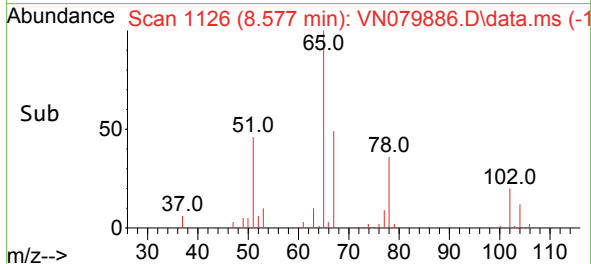
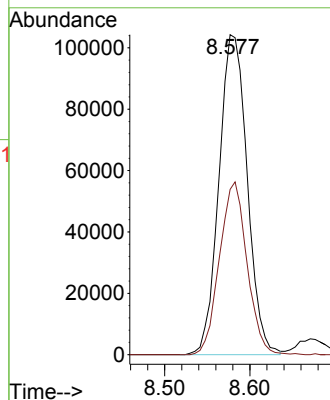
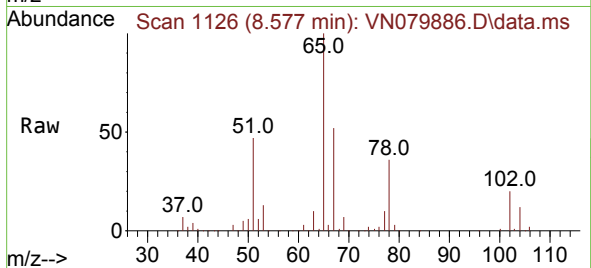
ClientSampleId :

Tgt Ion: 65 Resp: 240253

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

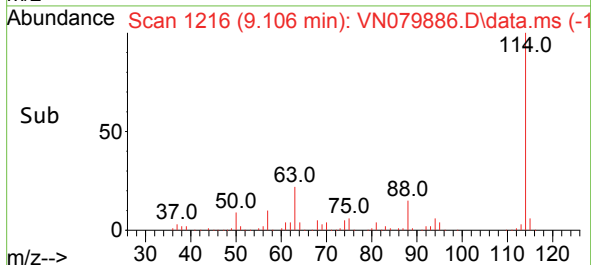
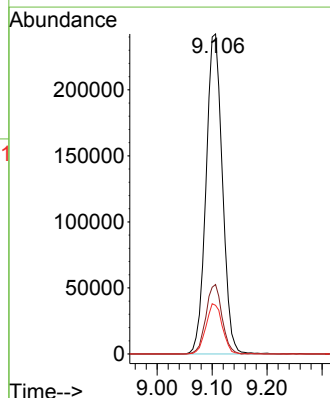
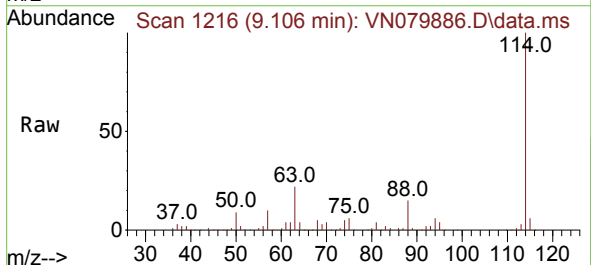
Tgt Ion: 114 Resp: 500503

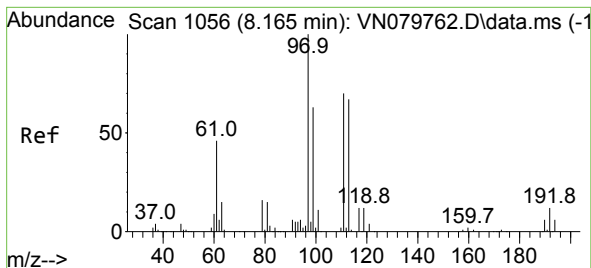
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.429 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

ClientSampleId :

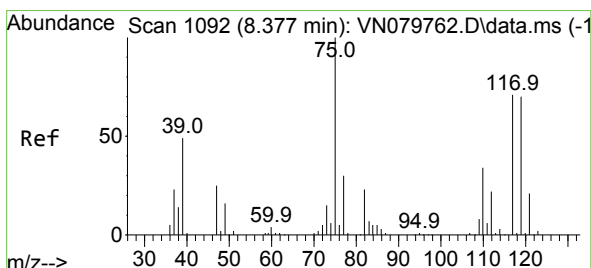
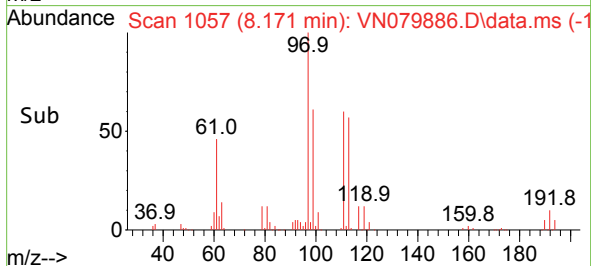
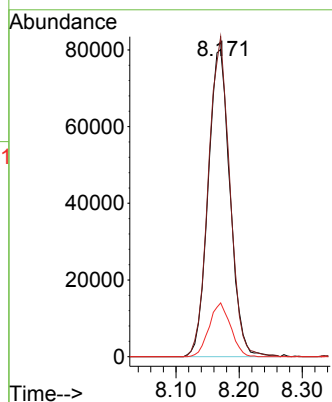
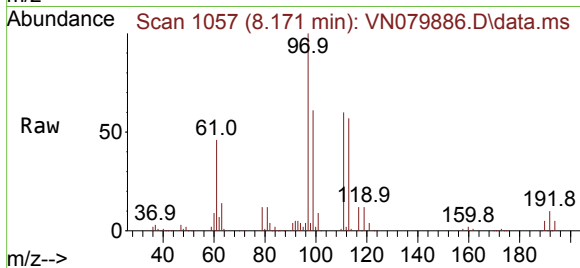
Tgt Ion:113 Resp: 192806

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 17.1 12.7 19.1



#36

1,1-Dichloropropene

Concen: 55.784 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

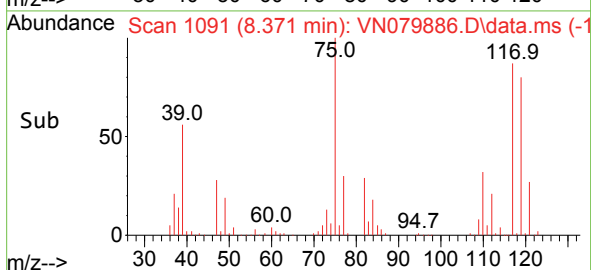
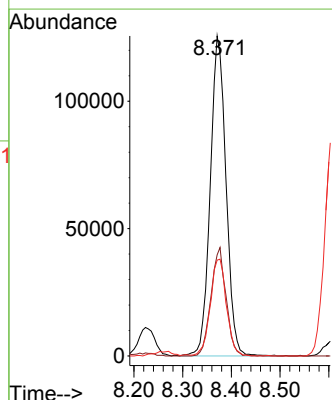
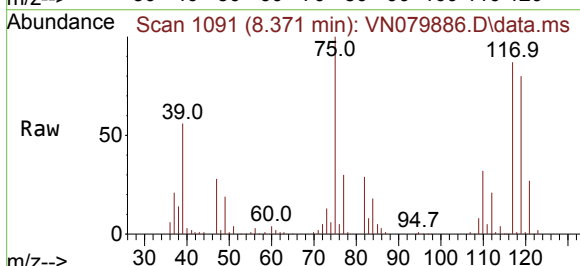
Tgt Ion: 75 Resp: 282150

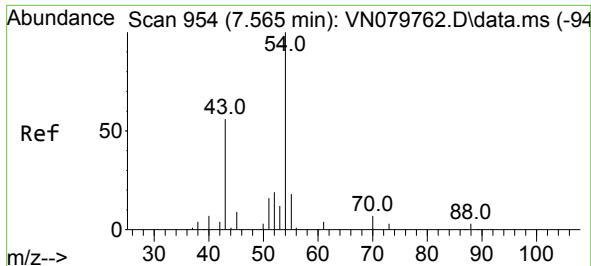
Ion Ratio Lower Upper

75 100

110 32.4 19.1 57.3

77 30.9 25.0 37.4

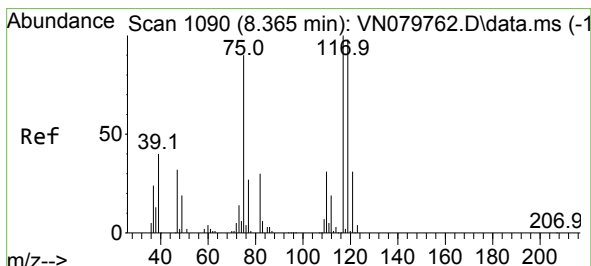
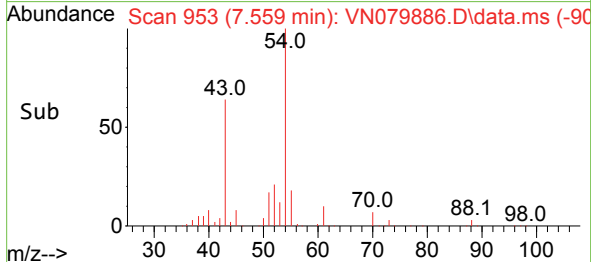
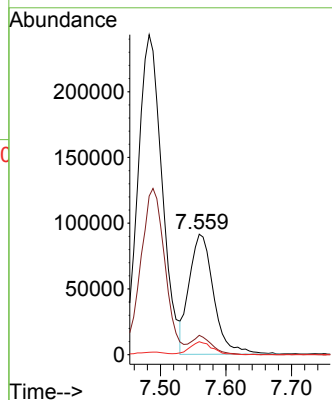
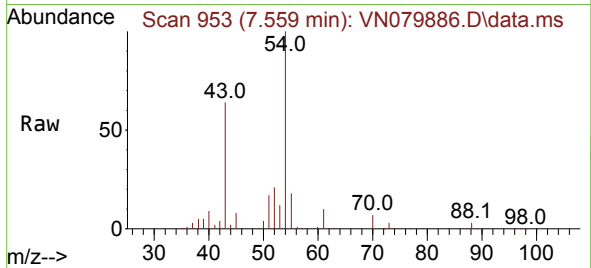




#37
Ethyl Acetate
Concen: 50.955 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

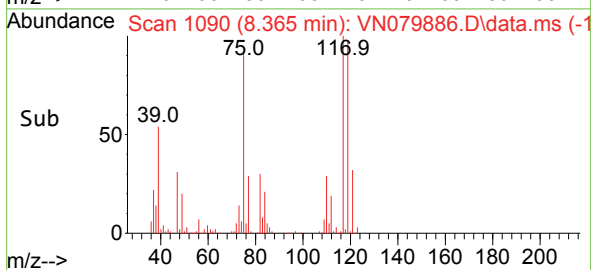
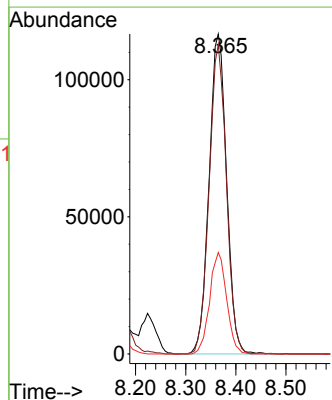
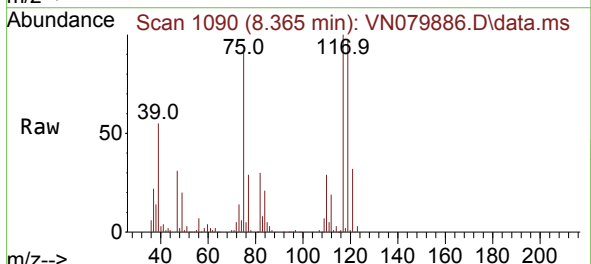
Instrument :
MSVOA_N
ClientSampleId :

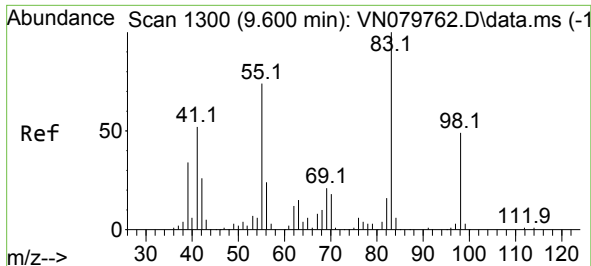
Tgt Ion: 43 Resp: 236365
Ion Ratio Lower Upper
43 100
61 12.9 13.2 19.8#
70 9.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 55.480 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 117 Resp: 282805
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9
121 31.7 23.3 34.9





#39

Methylcyclohexane

Concen: 52.319 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

ClientSampleId :

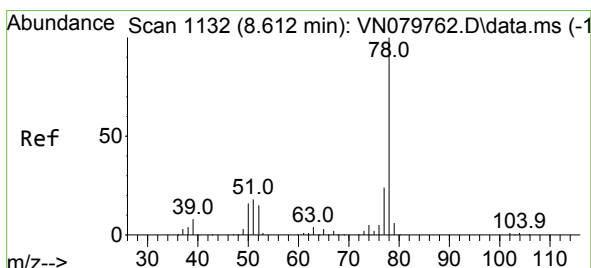
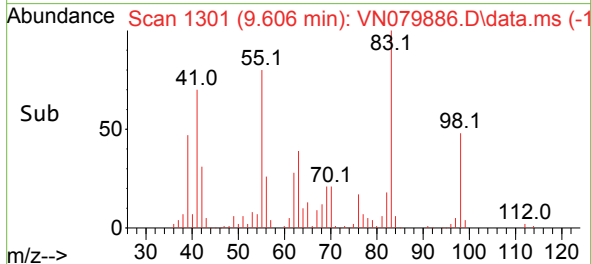
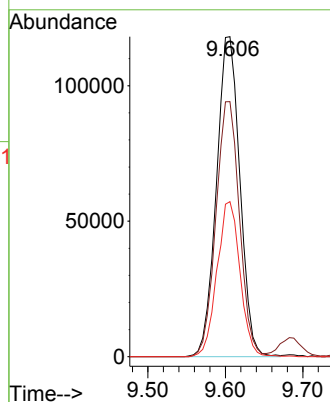
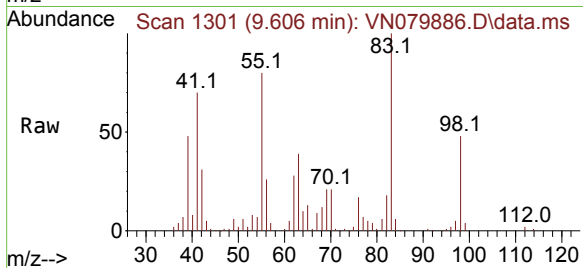
Tgt Ion: 83 Resp: 249038

Ion Ratio Lower Upper

83 100

55 79.7 49.1 73.7#

98 48.5 40.6 61.0



#40

Benzene

Concen: 54.622 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079886.D

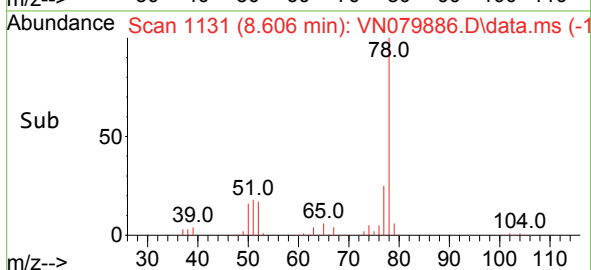
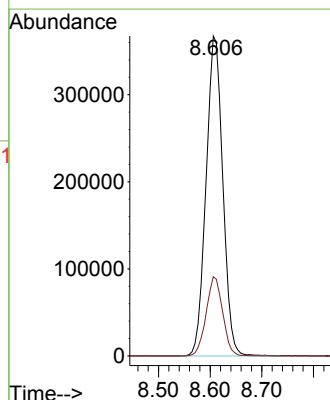
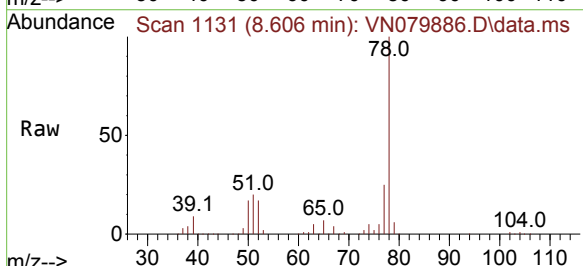
Acq: 04 Nov 2023 08:42

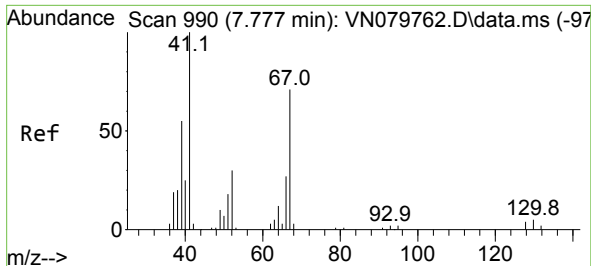
Tgt Ion: 78 Resp: 827470

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.6

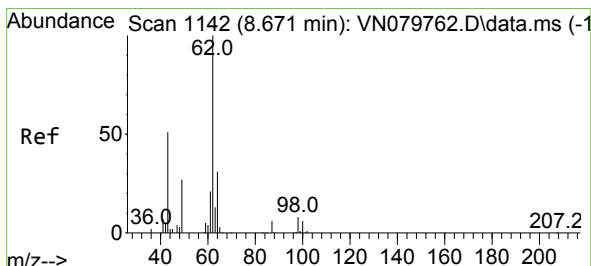
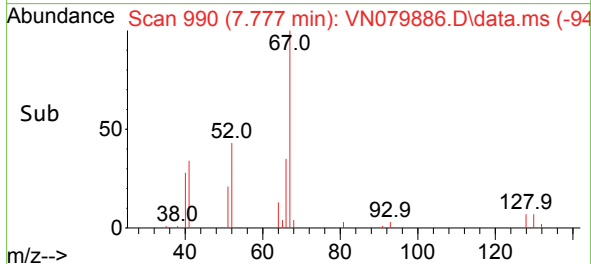
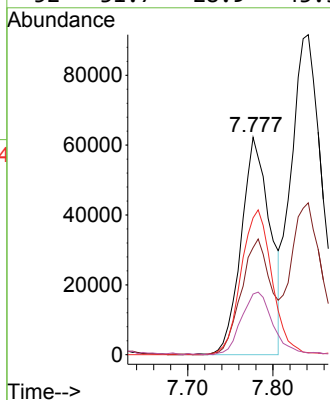
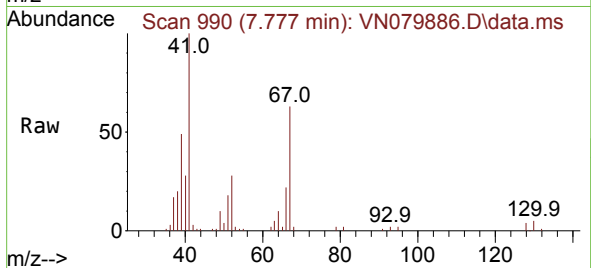




#41
Methacrylonitrile
Concen: 59.443 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

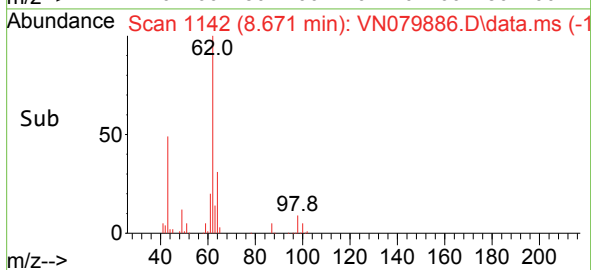
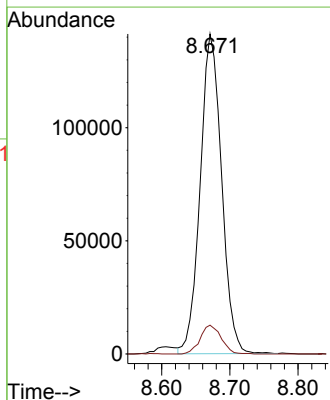
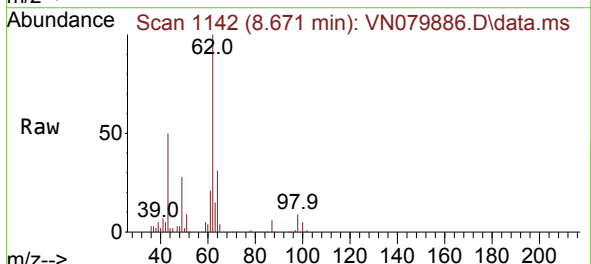
Instrument :
MSVOA_N
ClientSampleId :

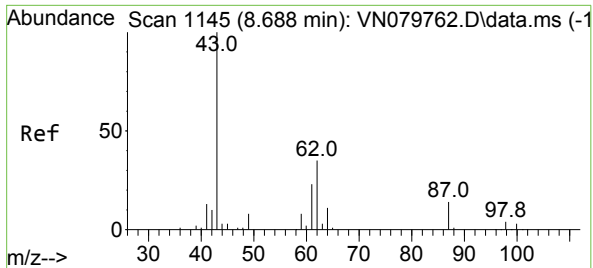
Tgt Ion: 41	Resp: 146424
Ion Ratio	Lower Upper
41 100	
39 54.9	42.6 64.0
67 71.8	77.5 116.3#
52 31.7	28.9 43.3



#42
1,2-Dichloroethane
Concen: 58.342 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 62	Resp: 308729
Ion Ratio	Lower Upper
62 100	
98 8.8	0.0 19.8

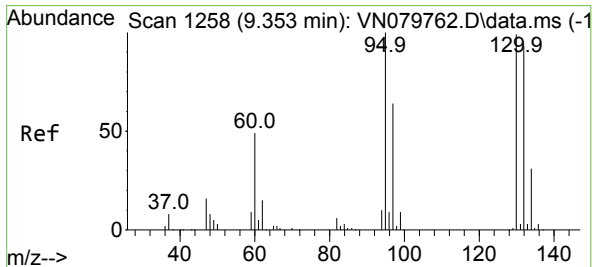
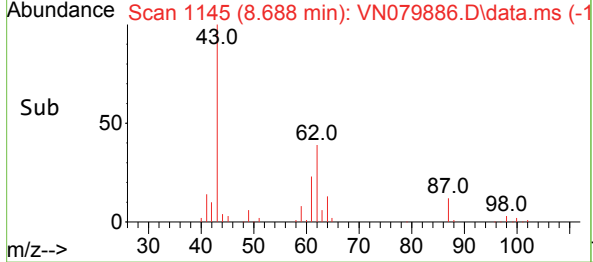
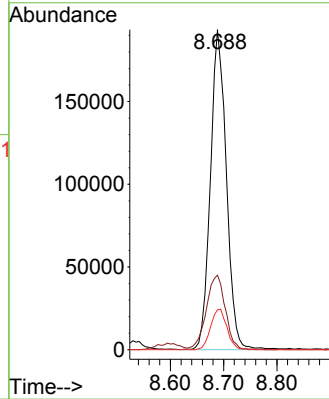
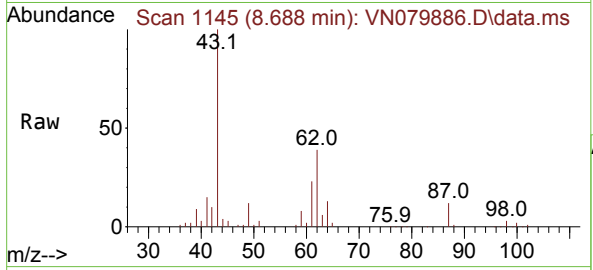




#43
Isopropyl Acetate
Concen: 49.485 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

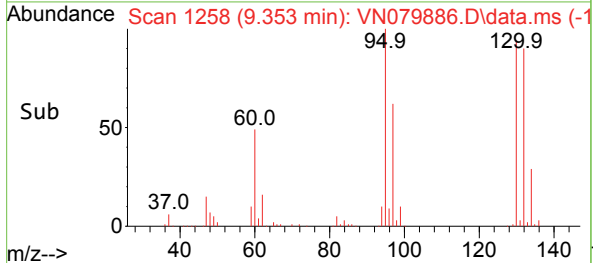
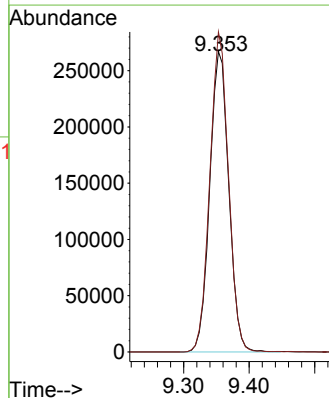
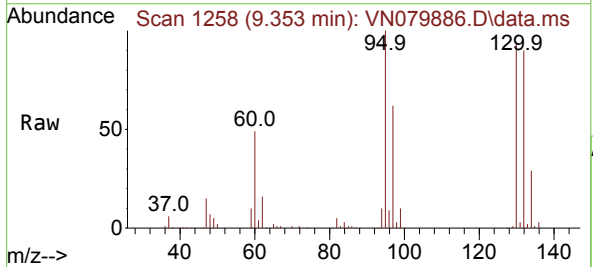
Instrument :
MSVOA_N
ClientSampleId :

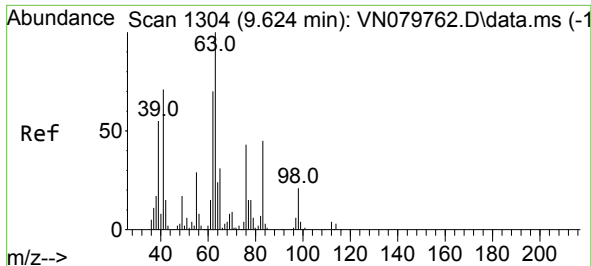
Tgt Ion: 43 Resp: 402553
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 12.9 14.6 21.8#



#44
Trichloroethene
Concen: 143.348 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion:130 Resp: 538870
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 58.255 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

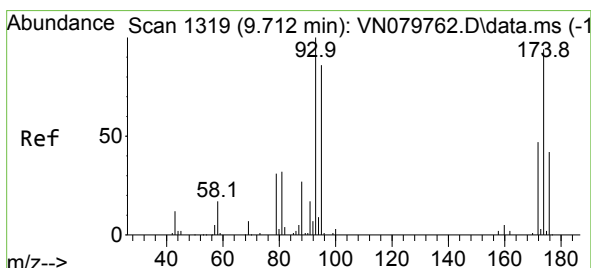
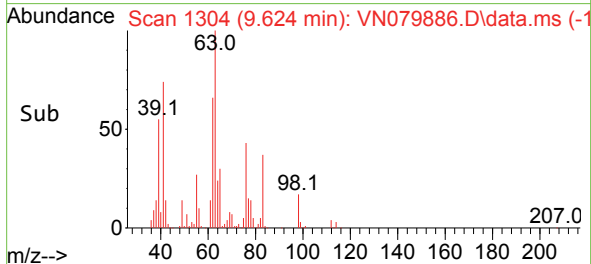
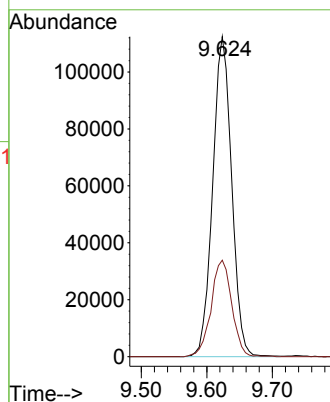
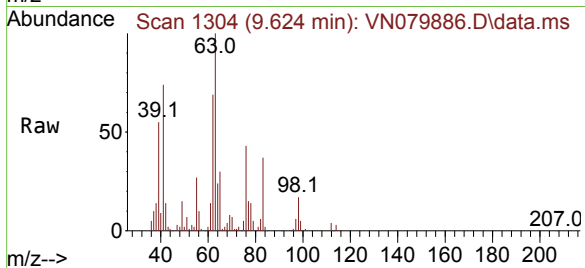
ClientSampleId :

Tgt Ion: 63 Resp: 225530

Ion Ratio Lower Upper

63 100

65 30.2 23.9 35.9



#46

Dibromomethane

Concen: 54.782 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

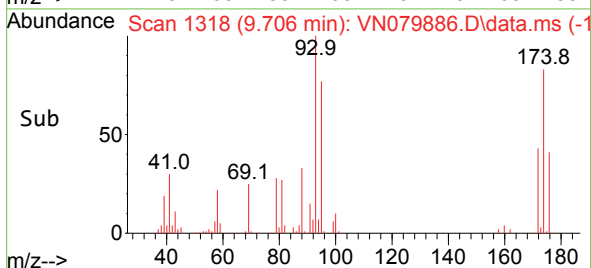
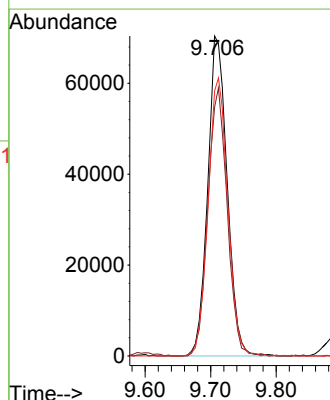
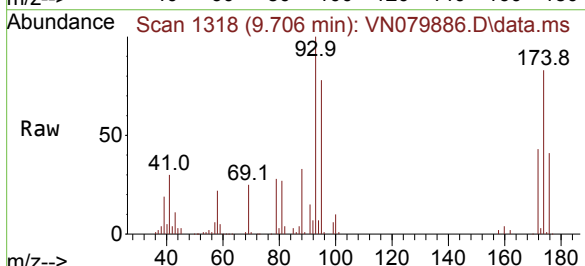
Tgt Ion: 93 Resp: 144815

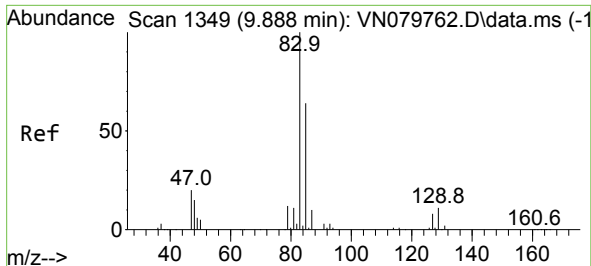
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

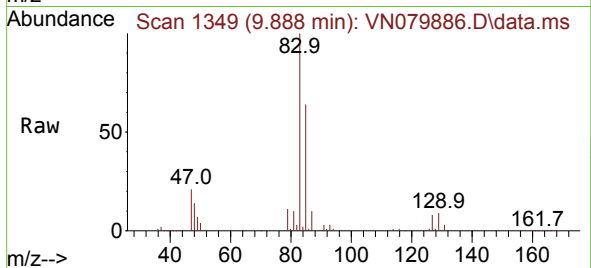
174 87.8 65.6 98.4



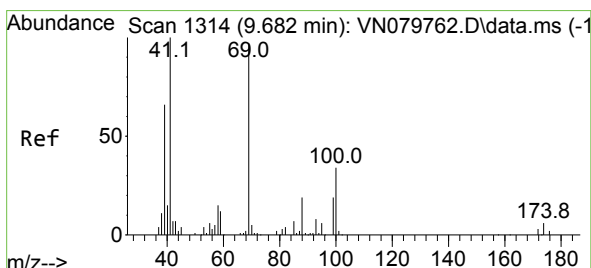
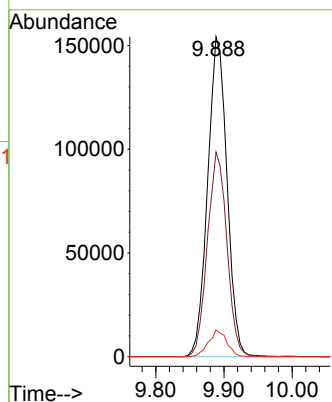
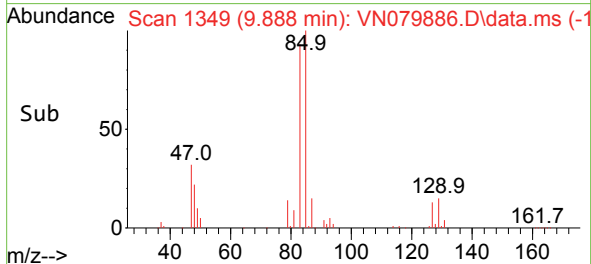


#47
Bromodichloromethane
Concen: 54.076 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Instrument :
MSVOA_N
ClientSampleId :

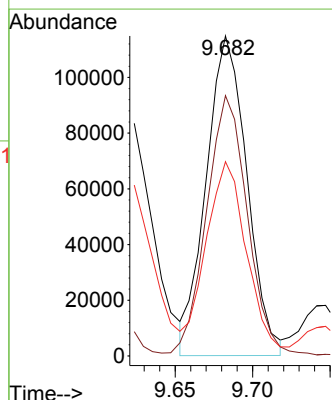
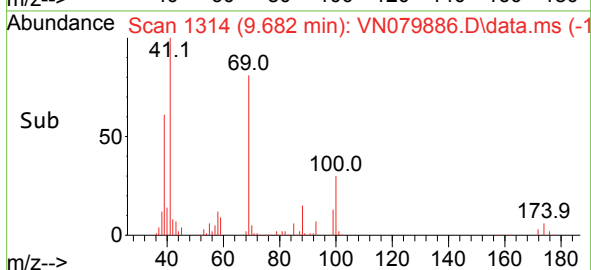
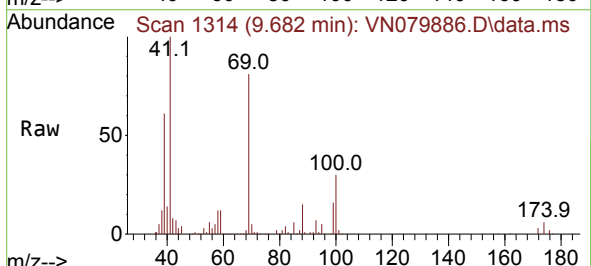


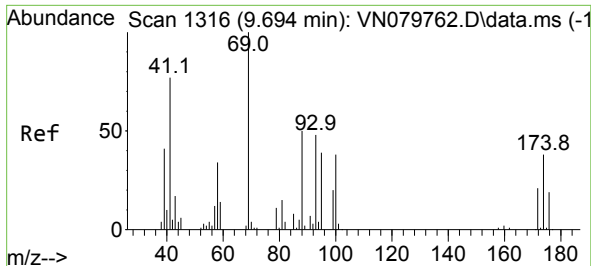
Tgt Ion: 83 Resp: 304863
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 58.804 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 41 Resp: 209528
Ion Ratio Lower Upper
41 100
69 82.8 90.4 135.6#
39 61.8 54.6 81.8





#49

1,4-Dioxane

Concen: 950.733 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

ClientSampleId :

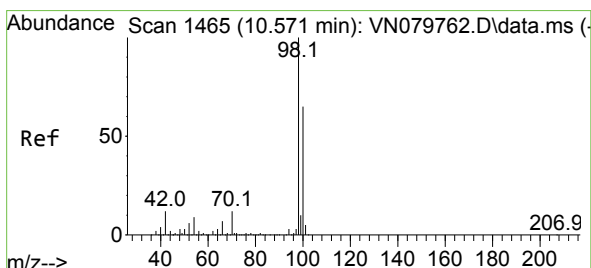
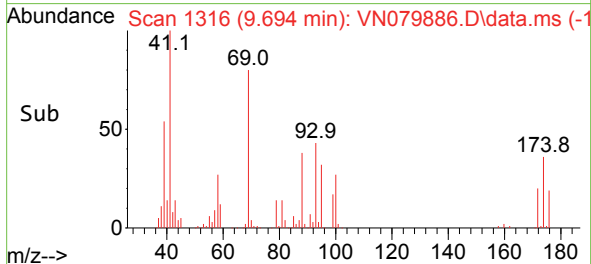
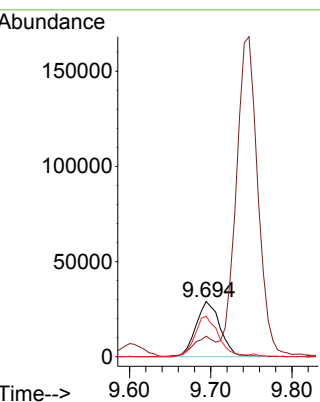
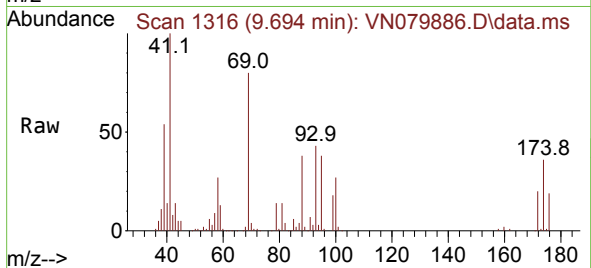
Tgt Ion: 88 Resp: 59859

Ion Ratio Lower Upper

88 100

43 31.4 17.0 25.6#

58 71.3 47.0 70.4#



#50

Toluene-d8

Concen: 54.562 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079886.D

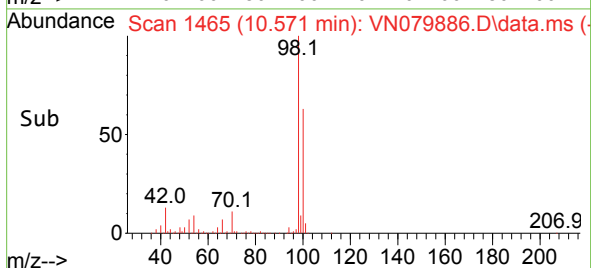
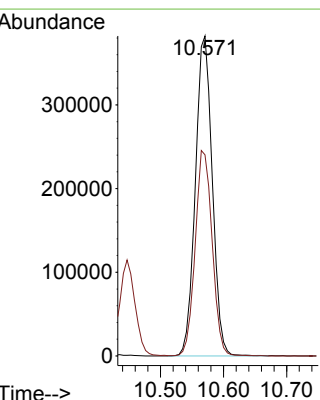
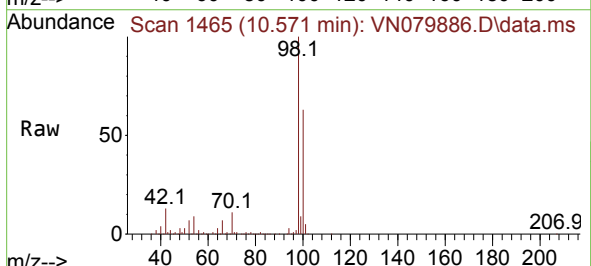
Acq: 04 Nov 2023 08:42

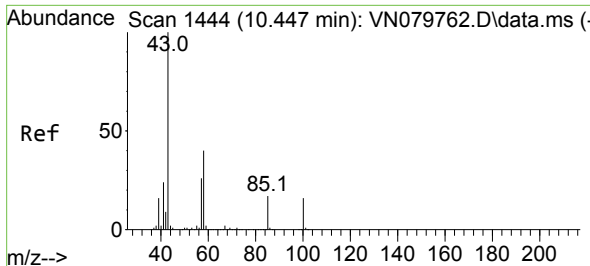
Tgt Ion: 98 Resp: 711531

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 289.570 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

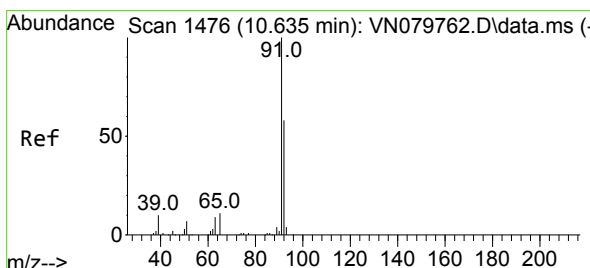
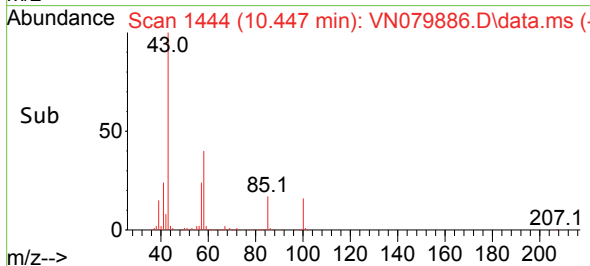
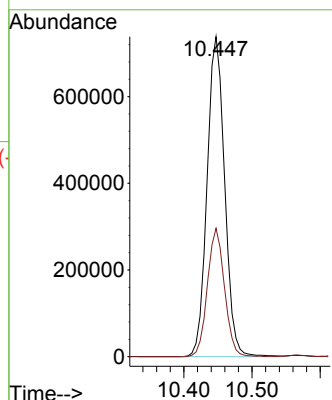
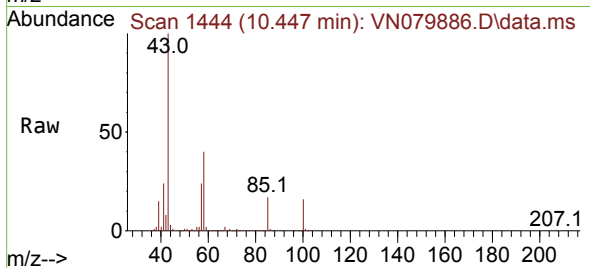
ClientSampleId :

Tgt Ion: 43 Resp: 1326187

Ion Ratio Lower Upper

43 100

58 39.0 36.6 54.8



#52

Toluene

Concen: 56.307 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079886.D

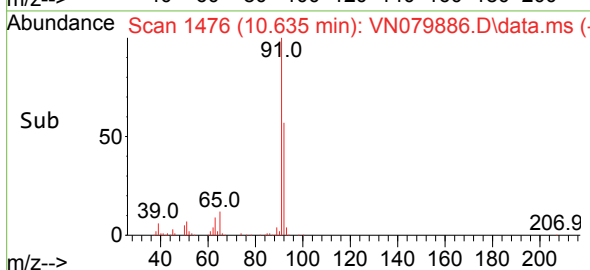
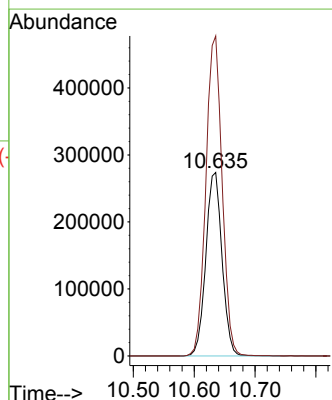
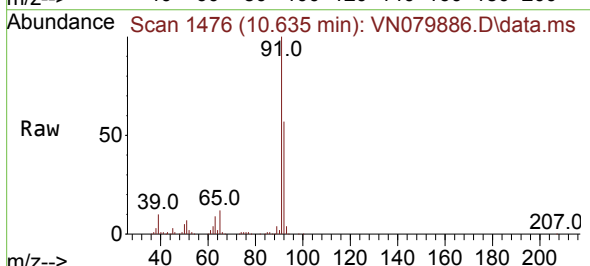
Acq: 04 Nov 2023 08:42

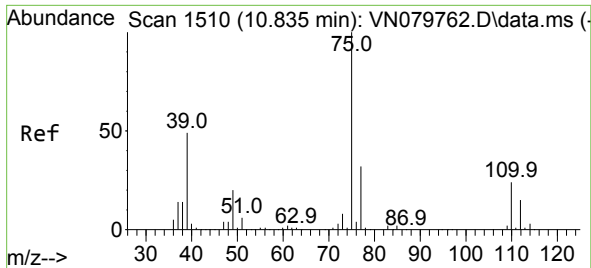
Tgt Ion: 92 Resp: 505695

Ion Ratio Lower Upper

92 100

91 174.8 137.4 206.0

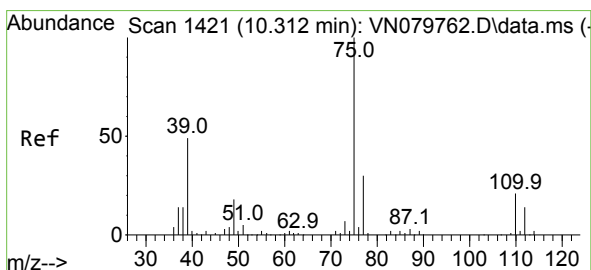
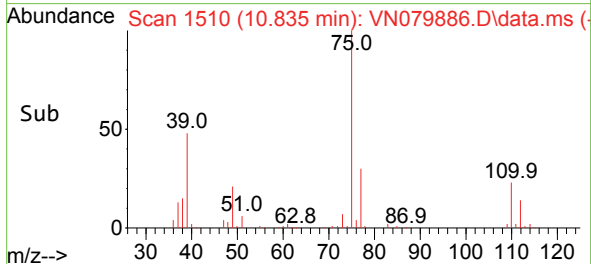
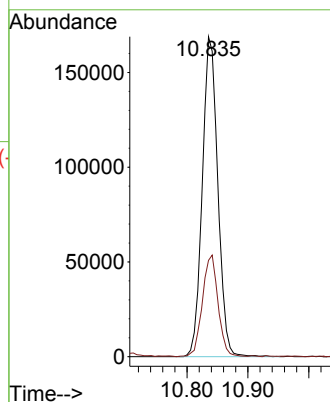
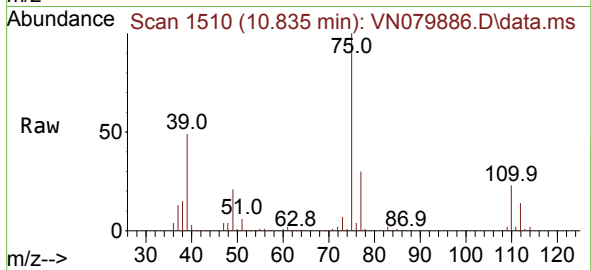




#53
 t-1,3-Dichloropropene
 Concen: 54.147 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

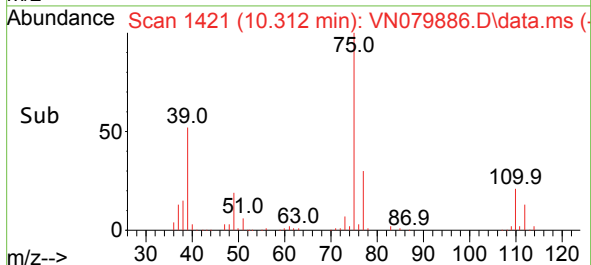
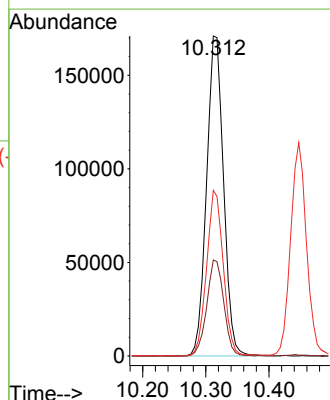
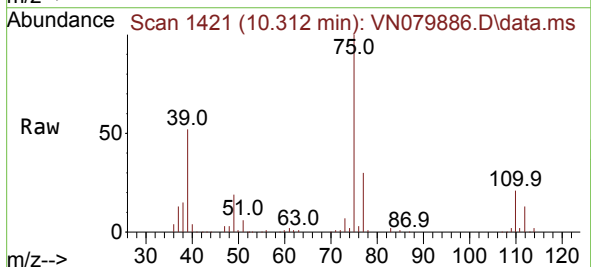
Instrument :
 MSVOA_N
 ClientSampleId :

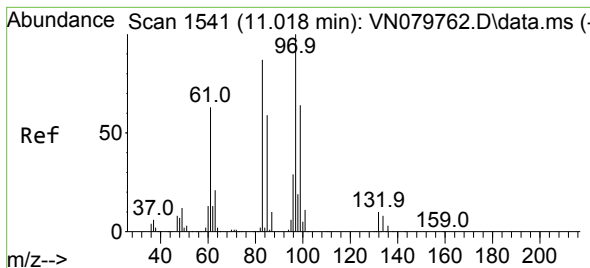
Tgt Ion: 75 Resp: 299257
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.076 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

Tgt Ion: 75 Resp: 319730
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.1 39.1
 39 51.8 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 55.284 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 199705

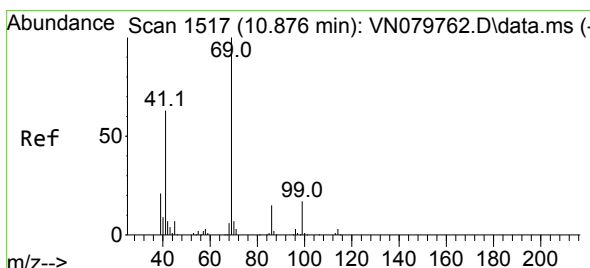
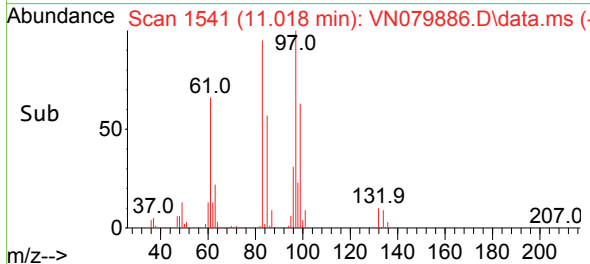
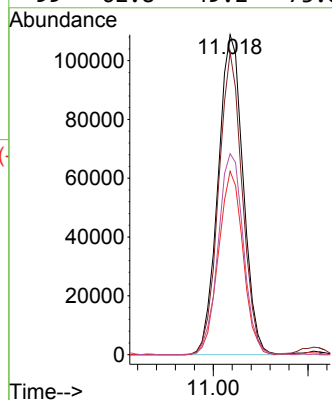
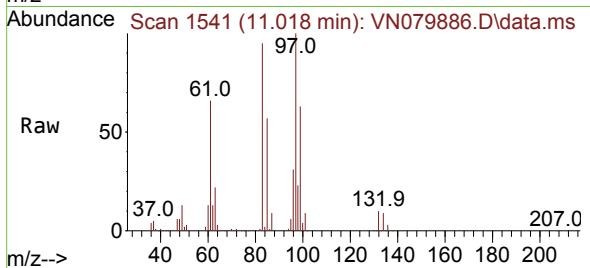
Ion Ratio Lower Upper

97 100

83 94.5 65.1 97.7

85 57.3 43.4 65.2

99 62.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 56.923 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

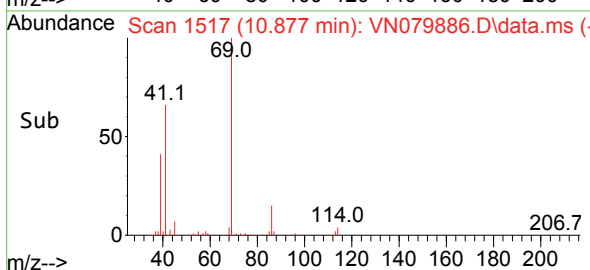
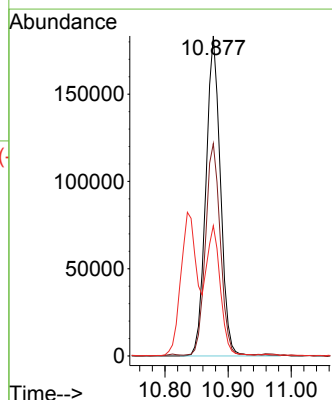
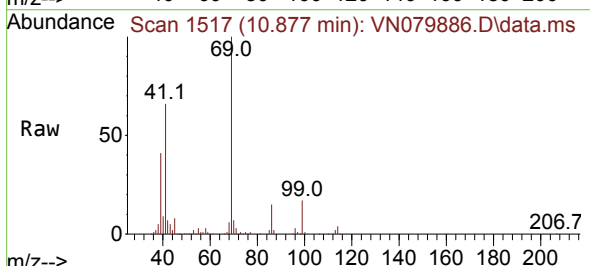
Tgt Ion: 69 Resp: 293304

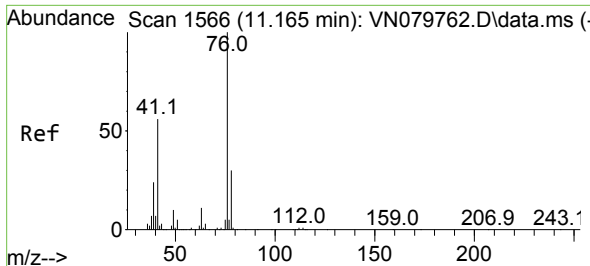
Ion Ratio Lower Upper

69 100

41 67.1 39.6 59.4#

39 37.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 56.900 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

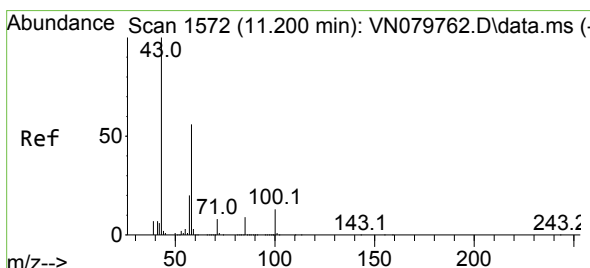
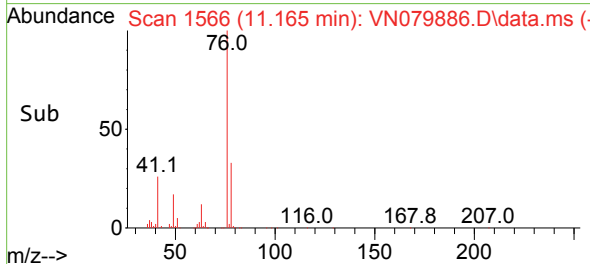
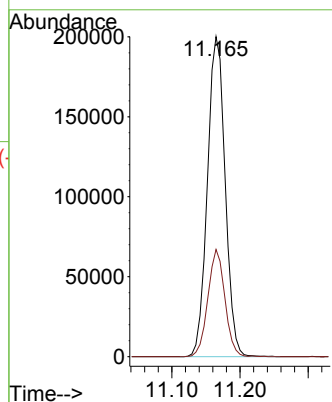
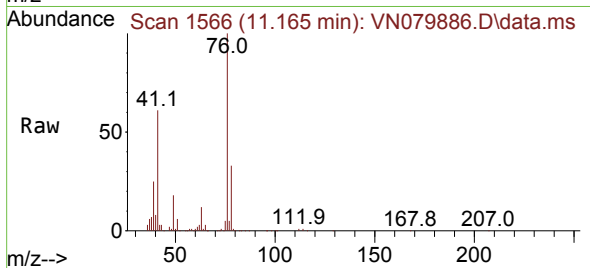
ClientSampleId :

Tgt Ion: 76 Resp: 362299

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#59

2-Hexanone

Concen: 271.191 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN079886.D

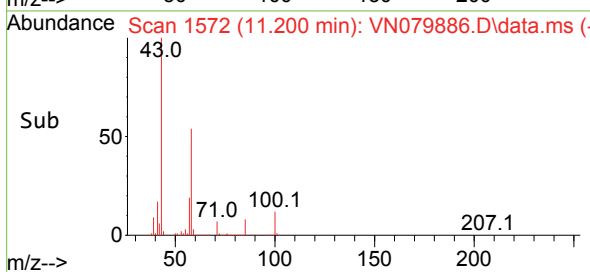
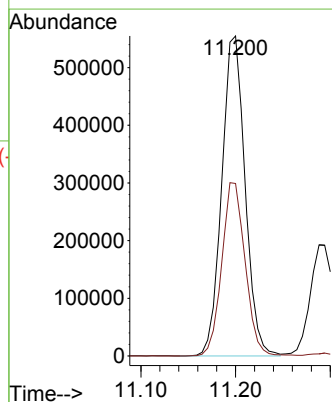
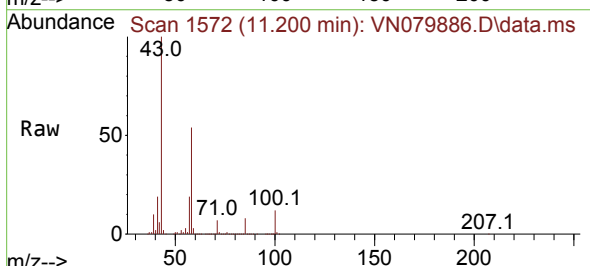
Acq: 04 Nov 2023 08:42

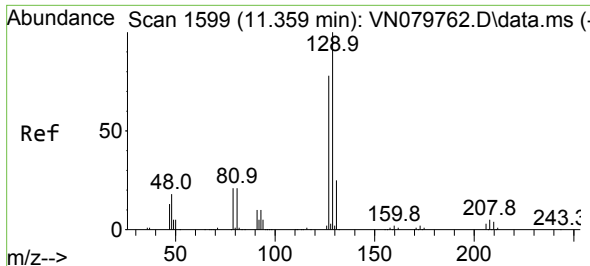
Tgt Ion: 43 Resp: 950140

Ion Ratio Lower Upper

43 100

58 54.3 31.7 95.1

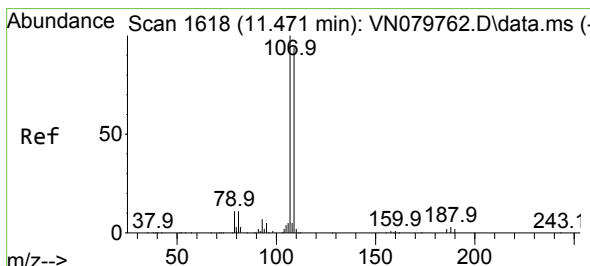
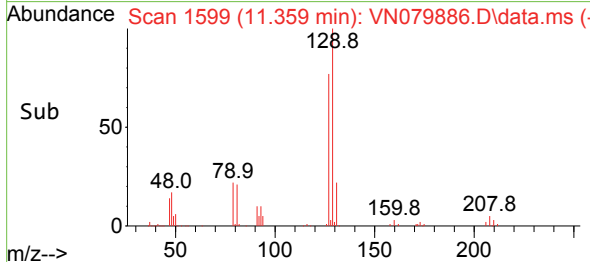
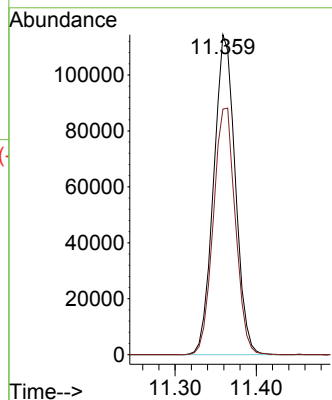
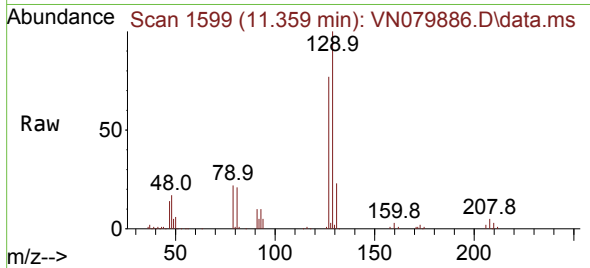




#60
 Dibromochloromethane
 Concen: 54.663 ug/l
 RT: 11.359 min Scan# 1599
 Delta R.T. -0.006 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

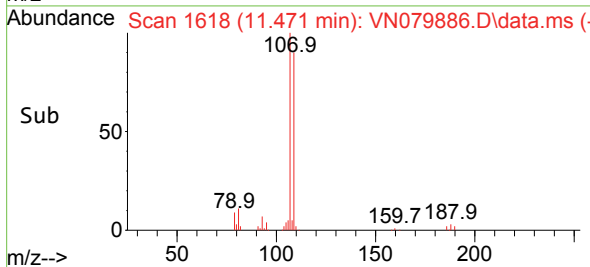
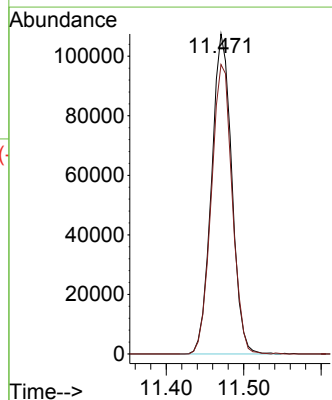
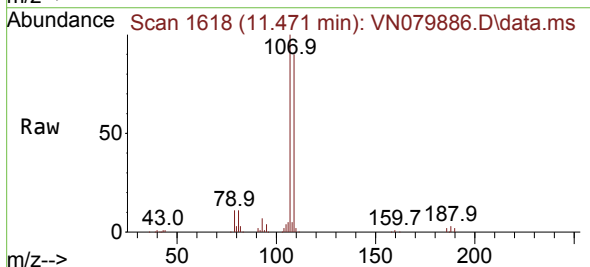
Instrument :
 MSVOA_N
 ClientSampleId :

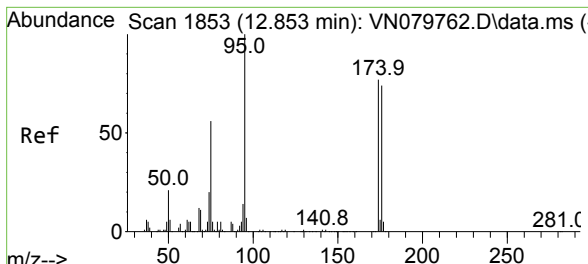
Tgt Ion:129 Resp: 211361
 Ion Ratio Lower Upper
 129 100
 127 78.6 38.6 116.0



#61
 1,2-Dibromoethane
 Concen: 53.795 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

Tgt Ion:107 Resp: 195043
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.6 114.8

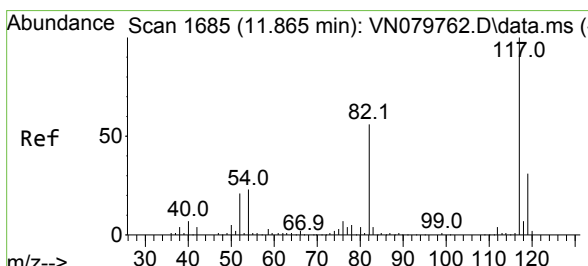
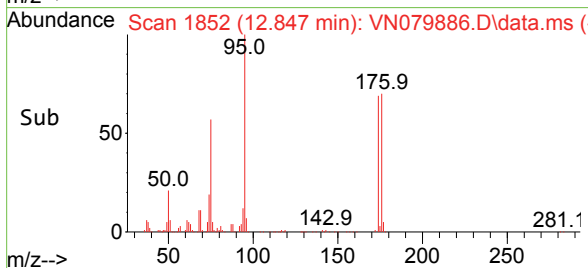
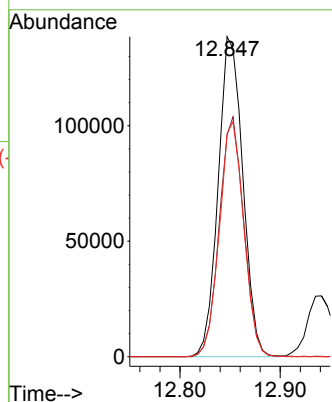
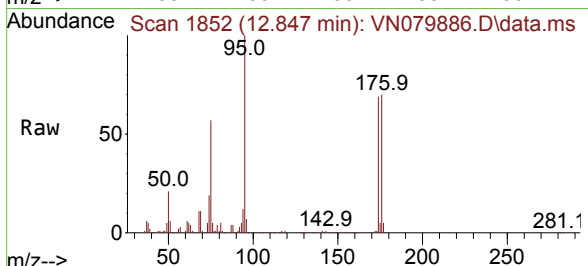




#62
4-Bromofluorobenzene
Concen: 54.669 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

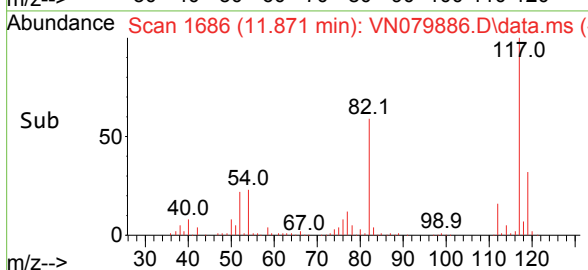
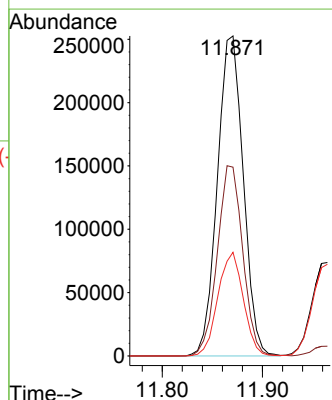
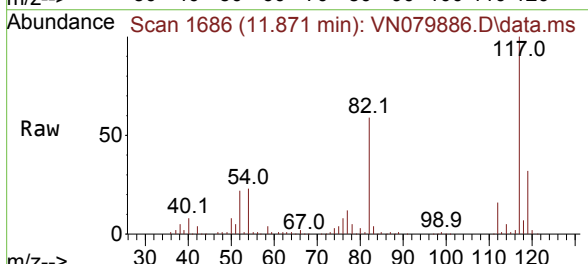
Instrument :
MSVOA_N
ClientSampleId :

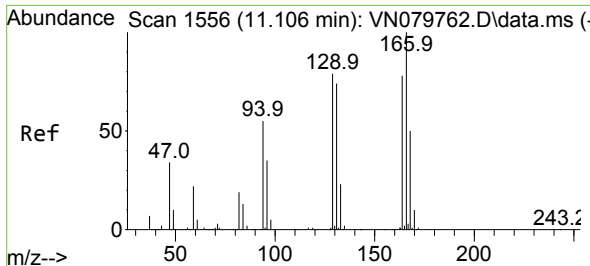
Tgt Ion: 95 Resp: 236440
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 72.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

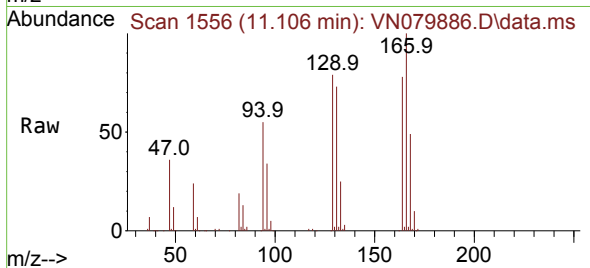
Tgt Ion: 117 Resp: 452879
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 32.4 25.6 38.4



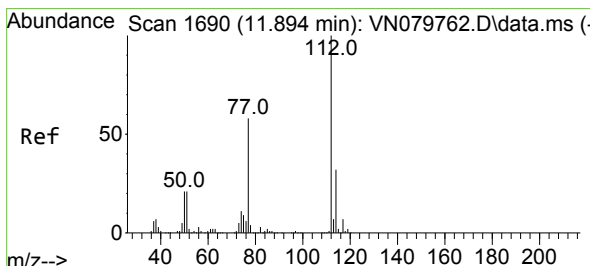
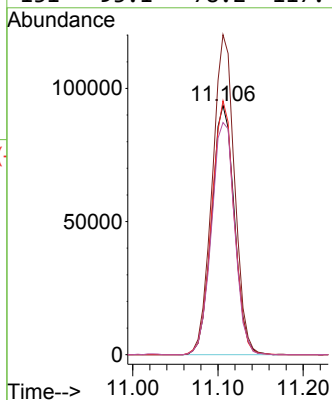
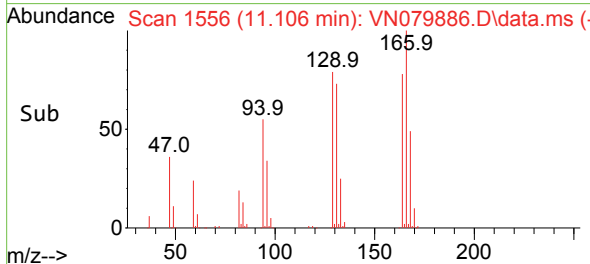


#64
Tetrachloroethene
Concen: 59.007 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Instrument :
MSVOA_N
ClientSampleId :

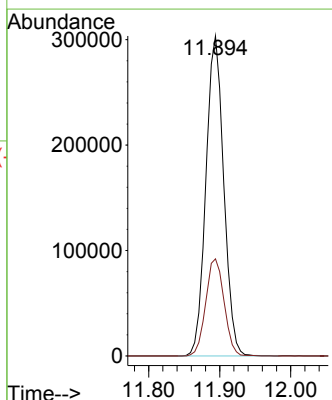
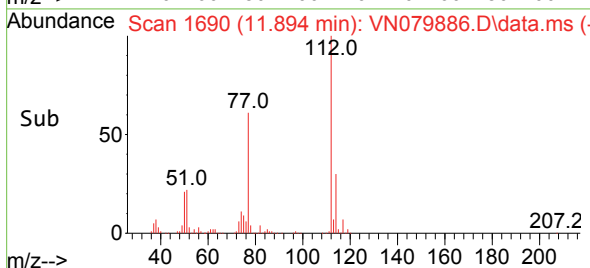
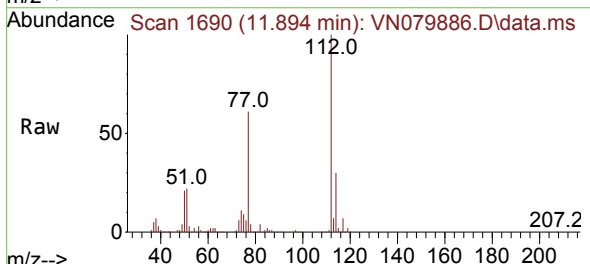


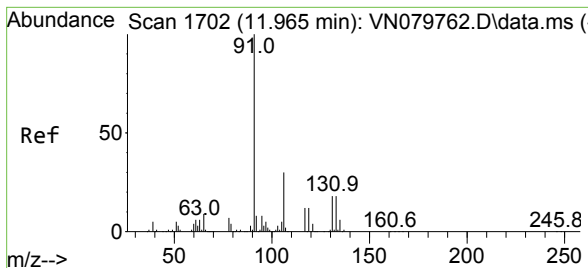
Tgt Ion:164 Resp: 173074
Ion Ratio Lower Upper
164 100
166 128.4 101.4 152.0
129 101.9 82.4 123.6
131 93.1 78.2 117.4



#65
Chlorobenzene
Concen: 53.806 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion:112 Resp: 528584
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4

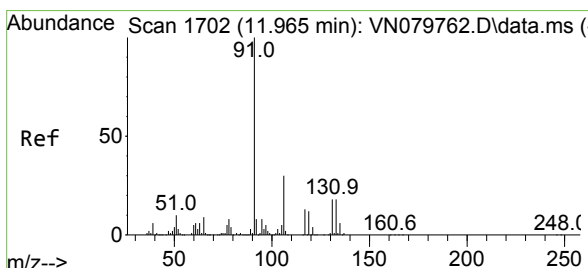
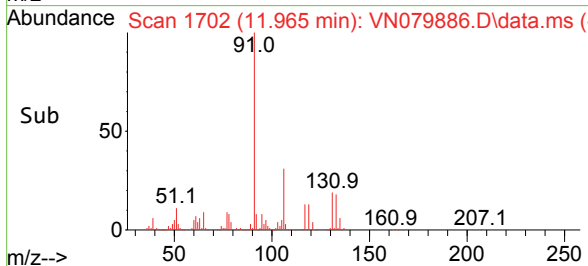
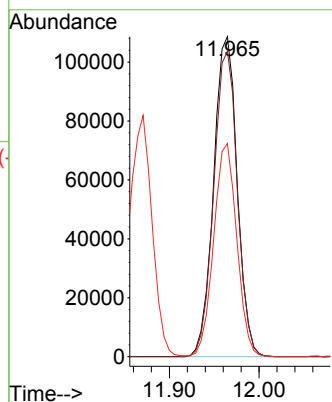
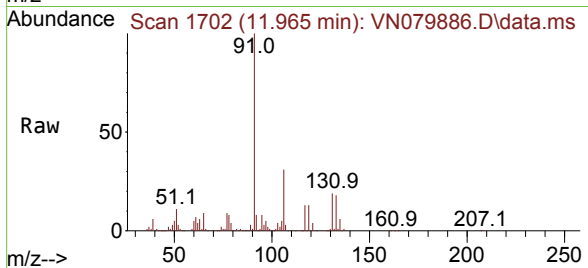




#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.928 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

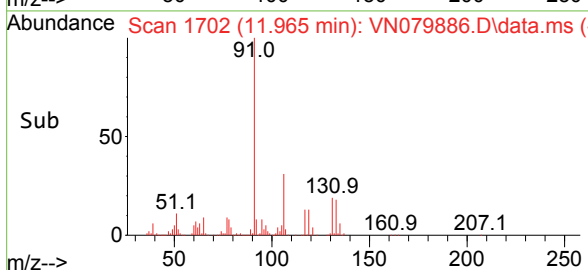
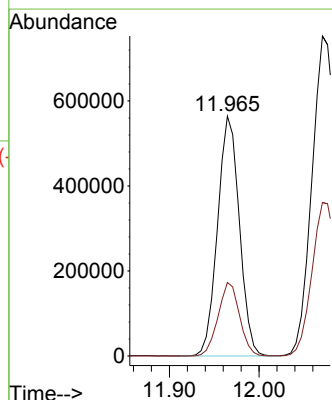
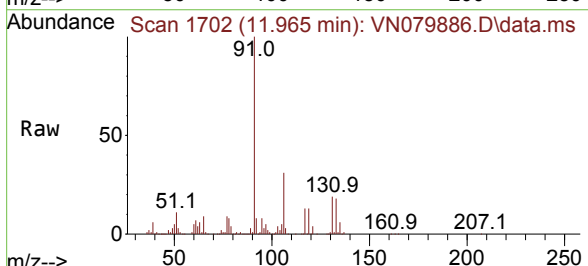
Instrument :
 MSVOA_N
 ClientSampleId :

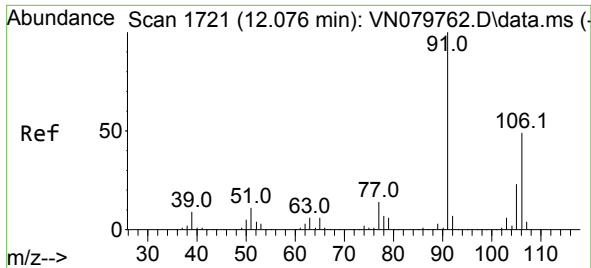
Tgt Ion:131 Resp: 197953
 Ion Ratio Lower Upper
 131 100
 133 95.5 46.4 139.1
 119 65.4 34.1 102.2



#67
 Ethyl Benzene
 Concen: 55.553 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

Tgt Ion: 91 Resp: 950820
 Ion Ratio Lower Upper
 91 100
 106 30.6 25.6 38.4

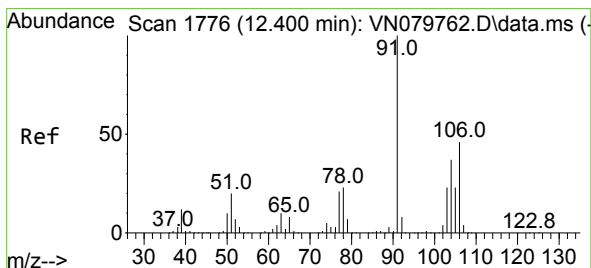
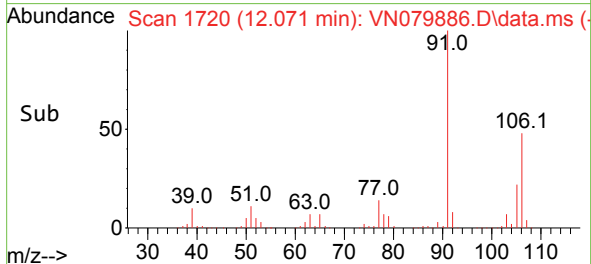
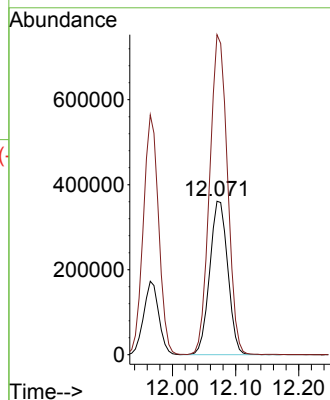
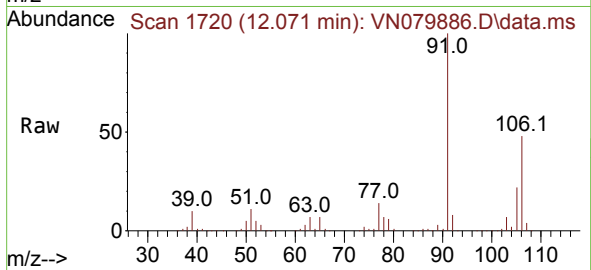




#68
m/p-Xylenes
Concen: 112.436 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

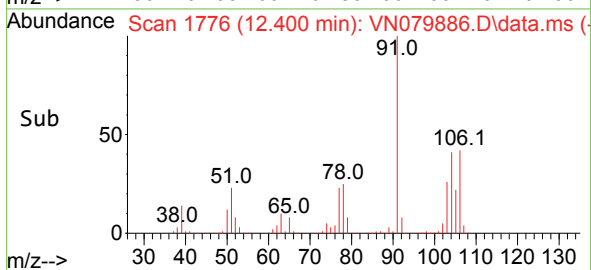
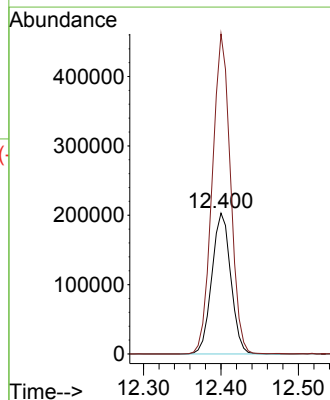
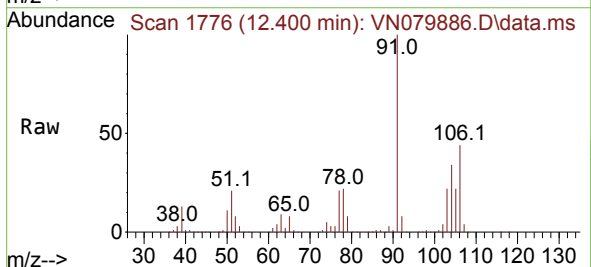
Instrument :
MSVOA_N
ClientSampleId :

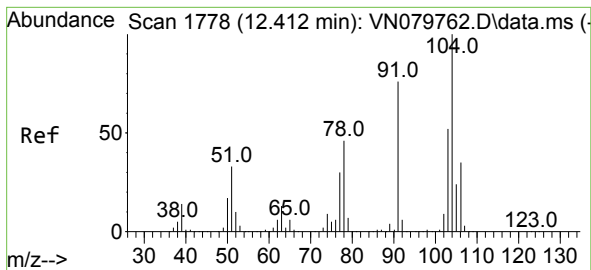
Tgt Ion:106 Resp: 716875
Ion Ratio Lower Upper
106 100
91 205.3 159.6 239.4



#69
o-Xylene
Concen: 56.318 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion:106 Resp: 345772
Ion Ratio Lower Upper
106 100
91 219.0 105.2 315.5





#70

Styrene

Concen: 58.117 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

ClientSampleId :

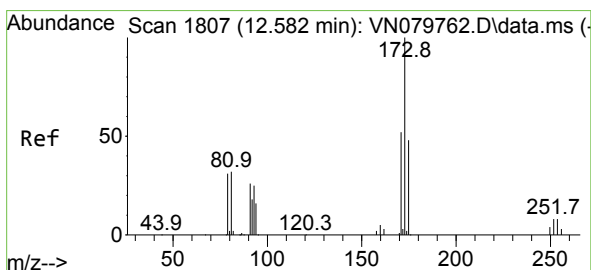
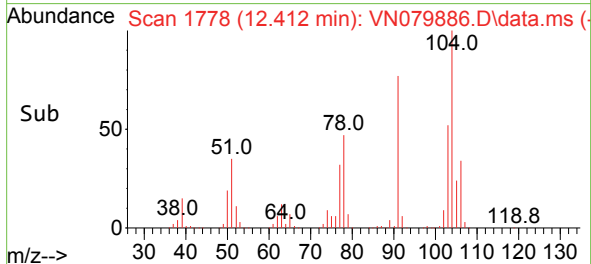
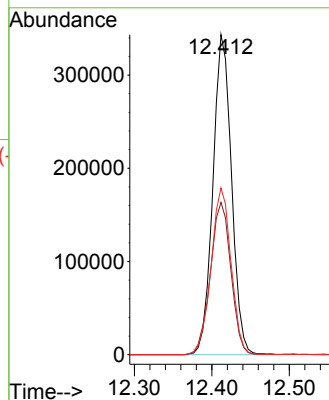
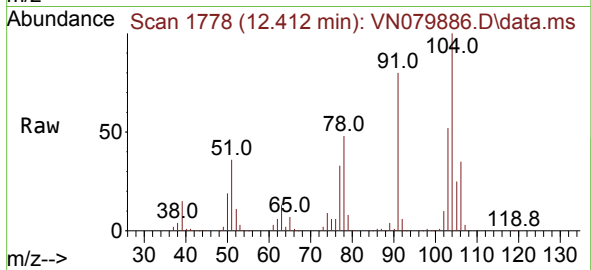
Tgt Ion:104 Resp: 573427

Ion Ratio Lower Upper

104 100

78 52.4 39.5 59.3

103 55.8 43.2 64.8



#71

Bromoform

Concen: 55.448 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

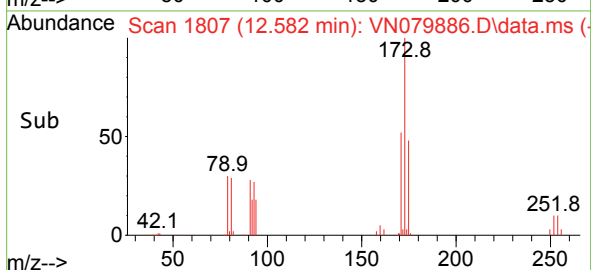
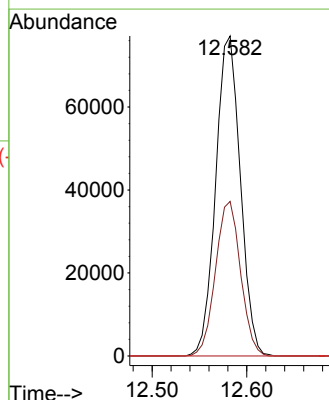
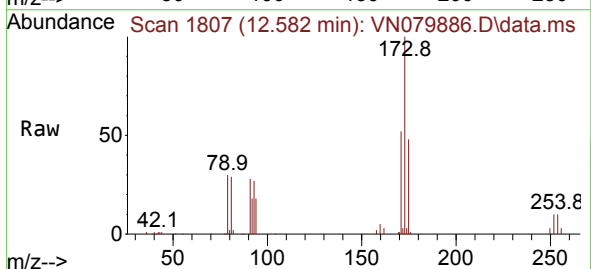
Tgt Ion:173 Resp: 139357

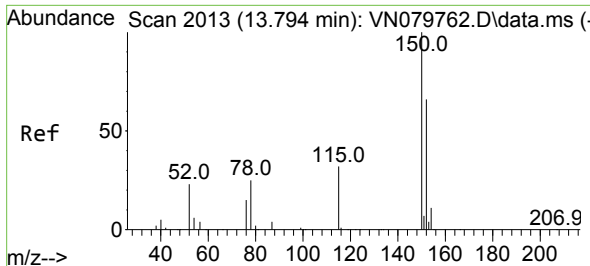
Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

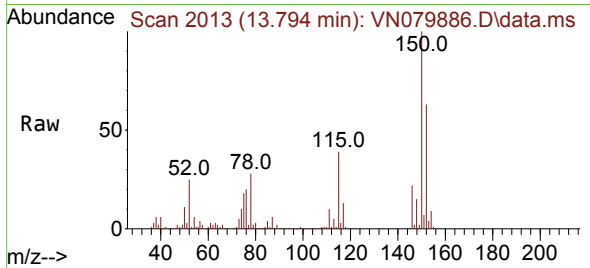
254 0.0 0.0 0.0



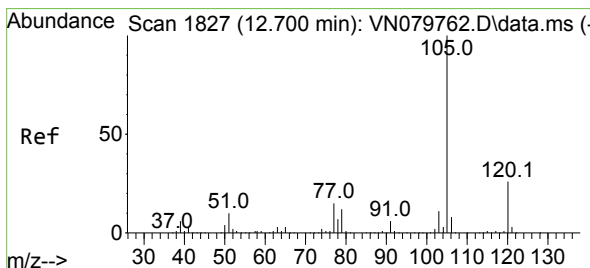
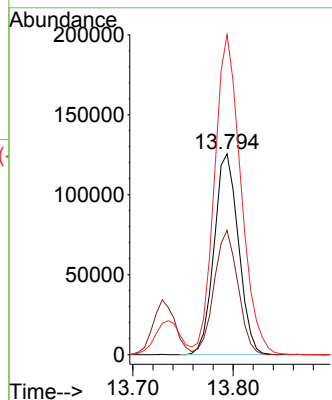
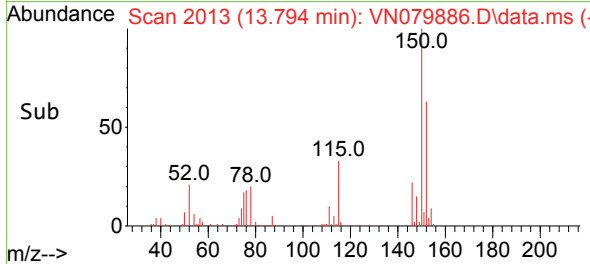


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Instrument :
MSVOA_N
ClientSampleId :

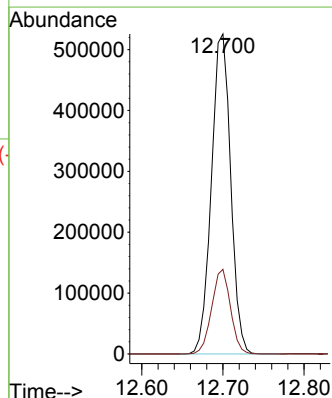
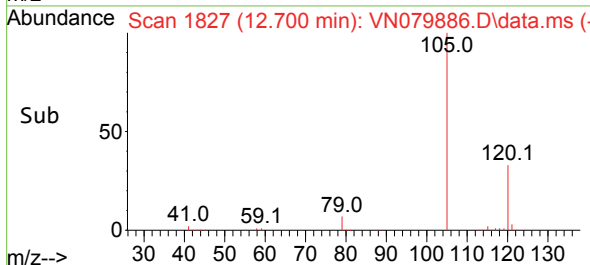
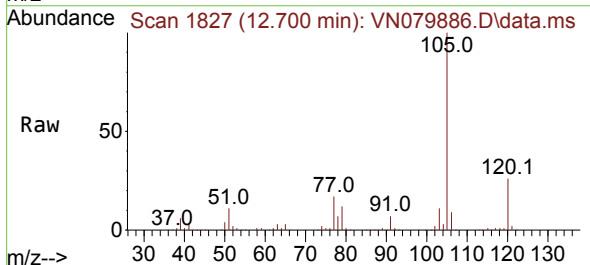


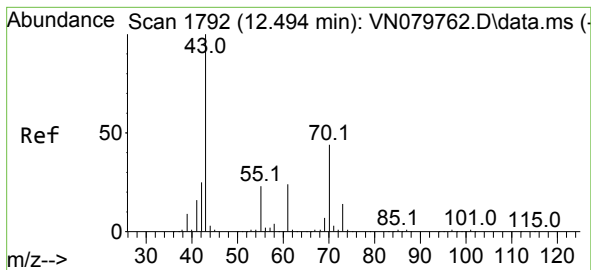
Tgt Ion:152 Resp: 211218
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 173.1 0.0 355.8



#73
Isopropylbenzene
Concen: 54.034 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion:105 Resp: 866166
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

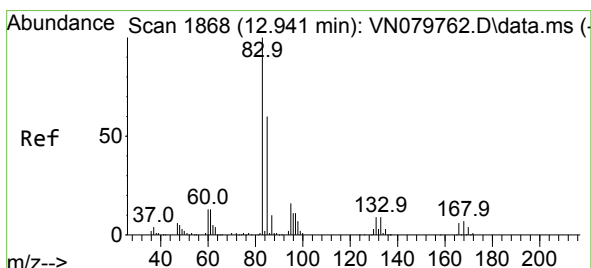
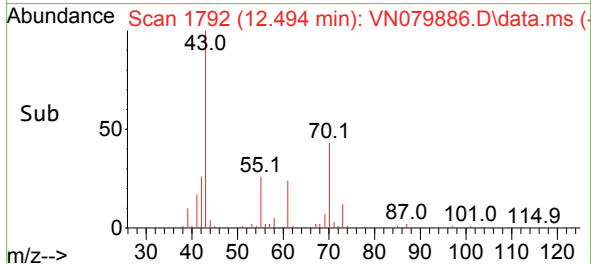
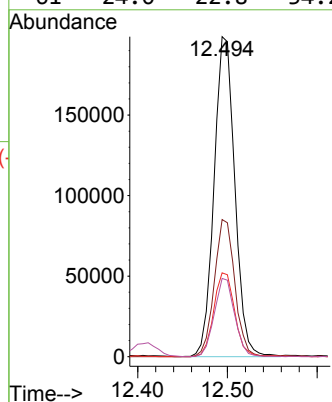
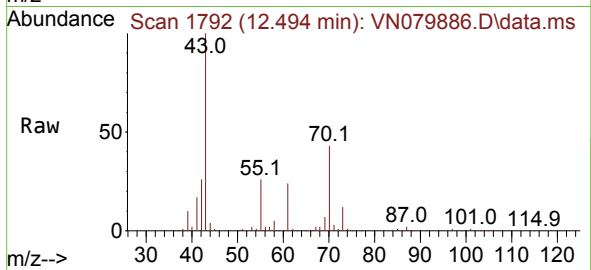




#74
N-amy1 acetate
Concen: 45.659 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

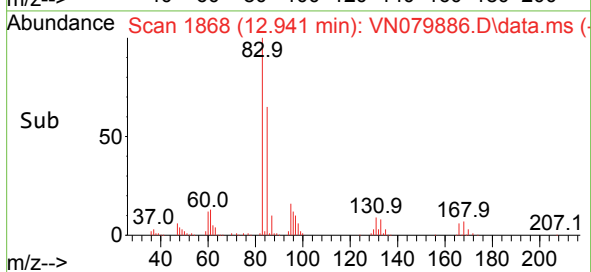
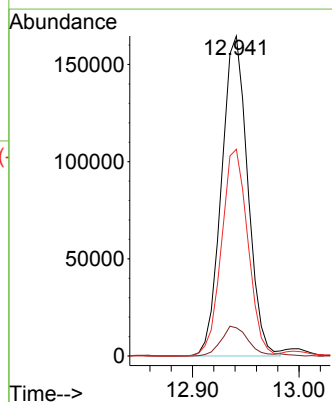
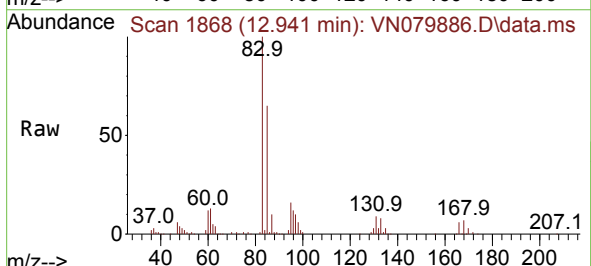
Instrument :
MSVOA_N
ClientSampleId :

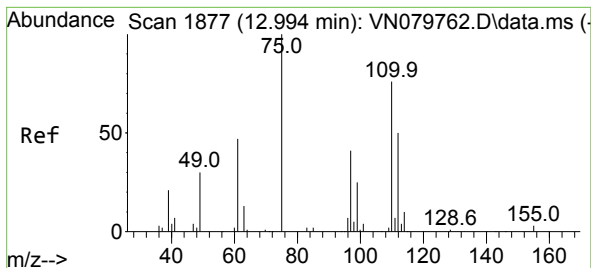
Tgt Ion:	43	Resp:	319473
Ion	Ratio	Lower	Upper
43	100		
70	42.4	43.4	65.2#
55	26.7	21.4	32.0
61	24.0	22.8	34.2



#75
1,1,2,2-Tetrachloroethane
Concen: 49.495 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion:	83	Resp:	281308
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	15.0
85	65.1	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 71.267 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

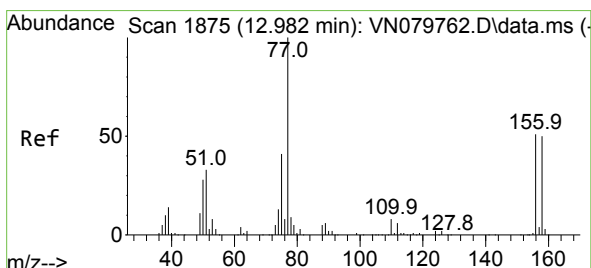
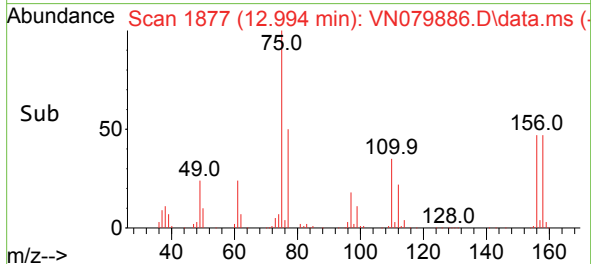
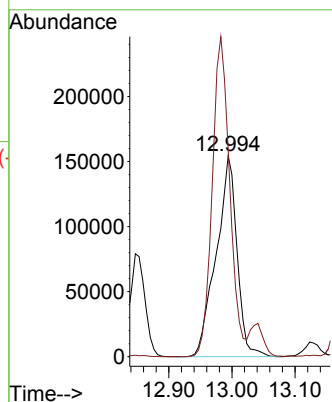
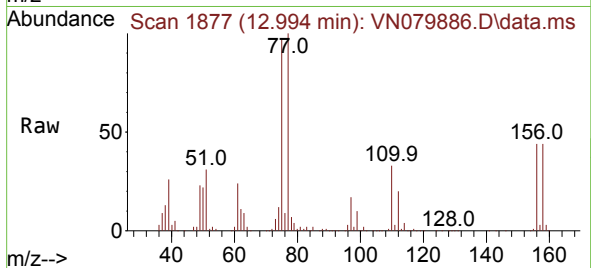
ClientSampleId :

Tgt Ion: 75 Resp: 353396

Ion Ratio Lower Upper

75 100

77 134.1 84.5 253.5



#77

Bromobenzene

Concen: 52.954 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

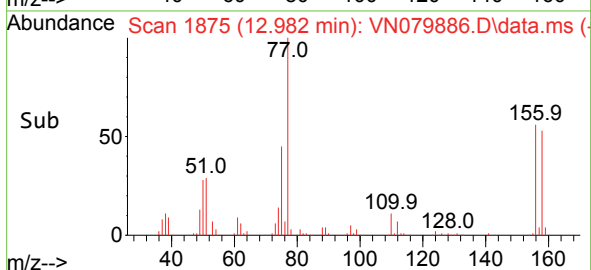
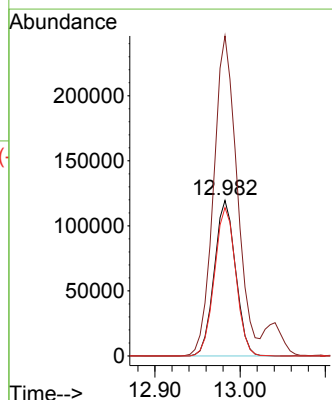
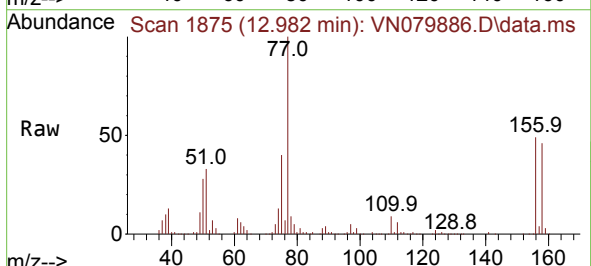
Tgt Ion:156 Resp: 207823

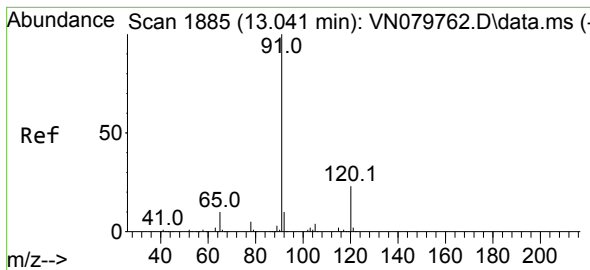
Ion Ratio Lower Upper

156 100

77 228.1 107.7 323.3

158 95.8 48.4 145.3





#78

n-propylbenzene

Concen: 55.276 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

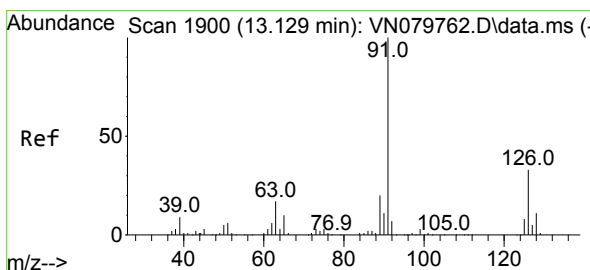
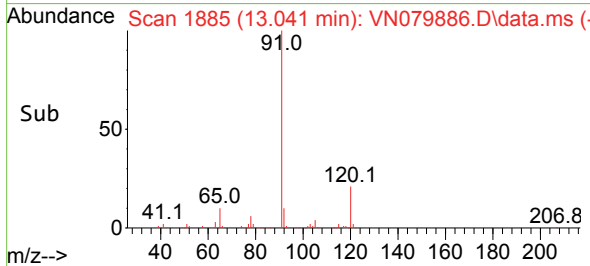
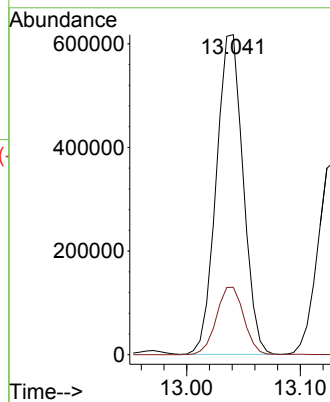
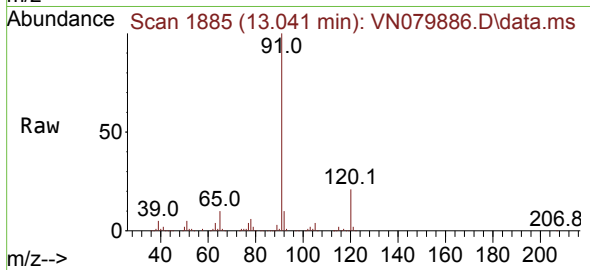
ClientSampleId :

Tgt Ion: 91 Resp: 1014707

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4



#79

2-Chlorotoluene

Concen: 53.777 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079886.D

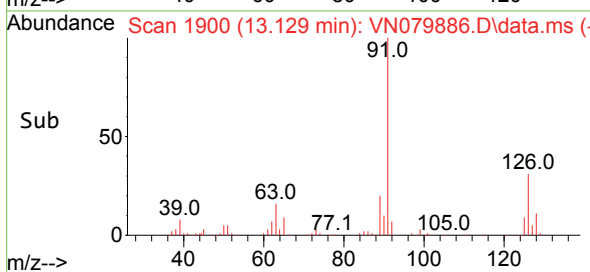
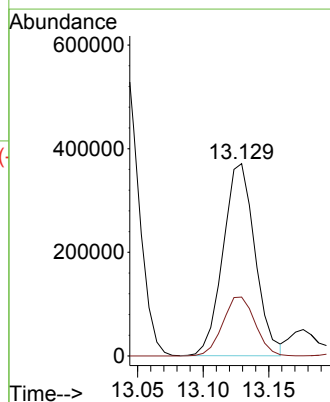
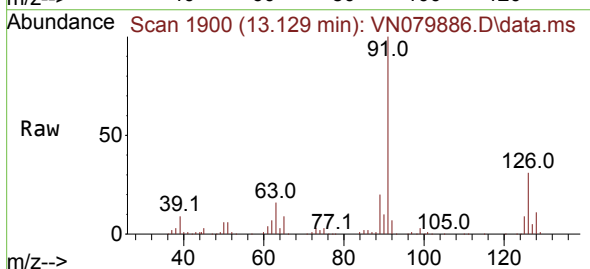
Acq: 04 Nov 2023 08:42

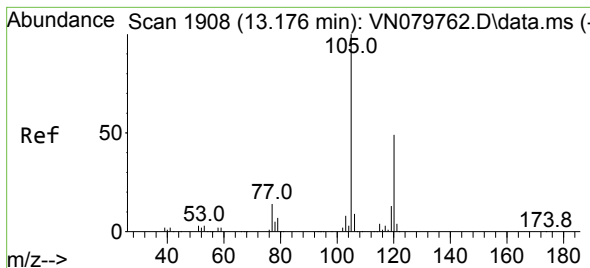
Tgt Ion: 91 Resp: 630645

Ion Ratio Lower Upper

91 100

126 31.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 56.234 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

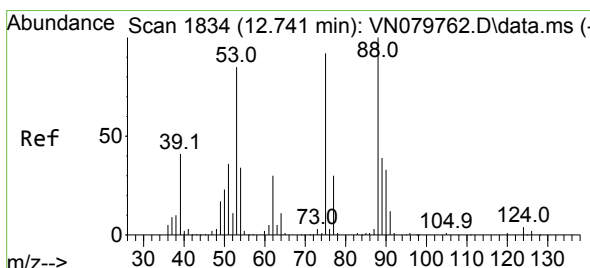
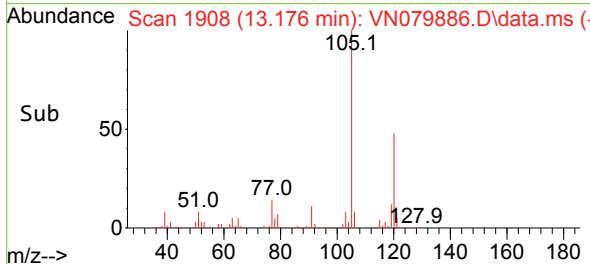
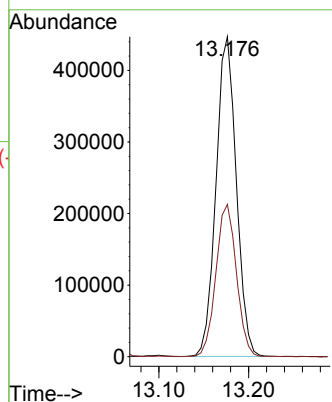
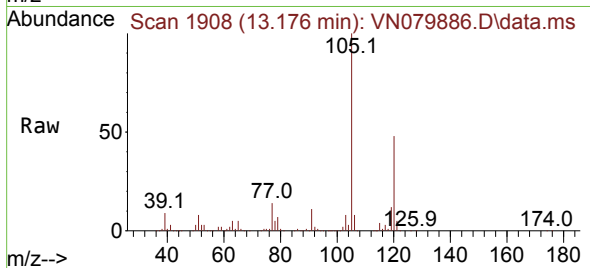
ClientSampleId :

Tgt Ion:105 Resp: 701348

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 41.607 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

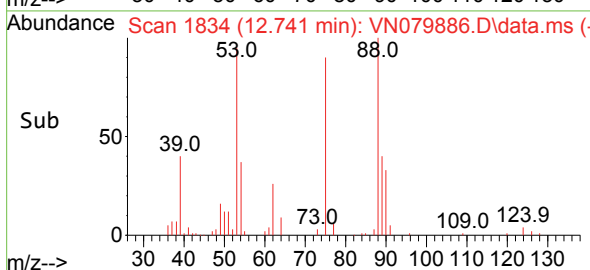
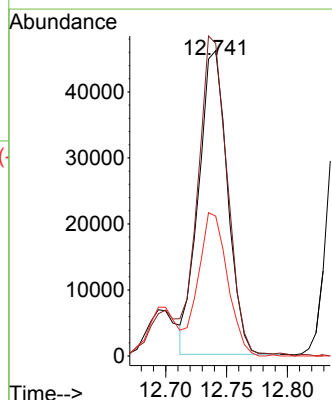
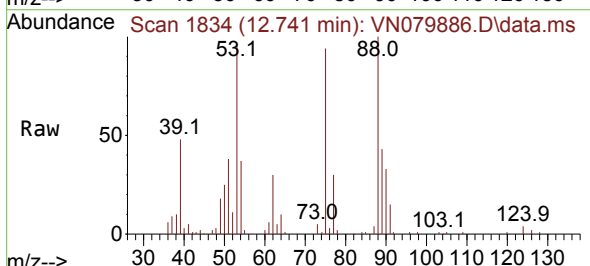
Tgt Ion: 75 Resp: 75832

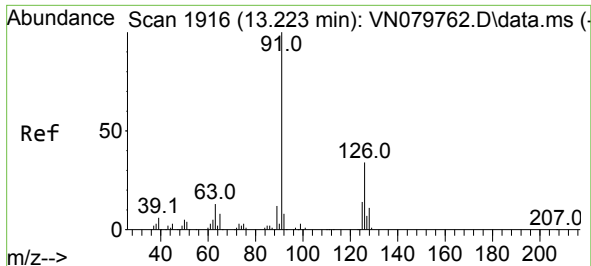
Ion Ratio Lower Upper

75 100

53 109.4 67.4 101.2#

89 48.2 38.8 58.2

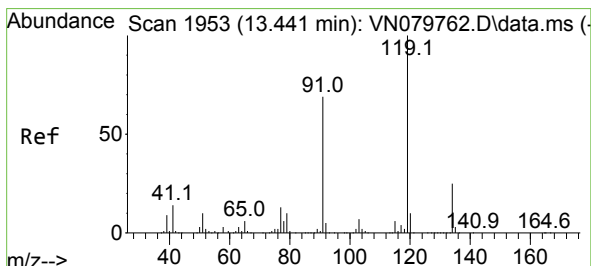
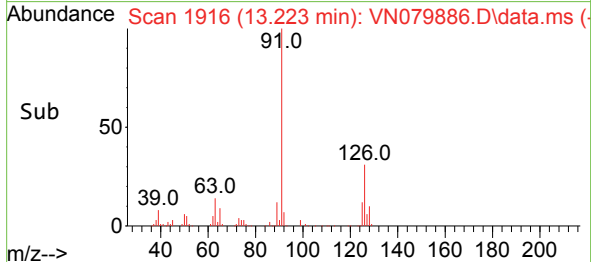
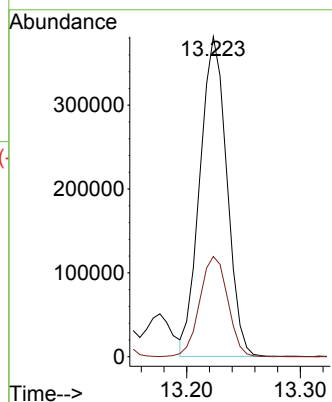
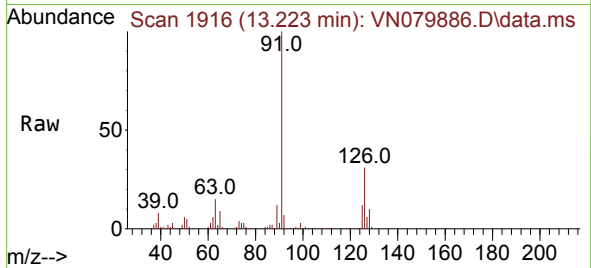




#82
4-Chlorotoluene
Concen: 53.821 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

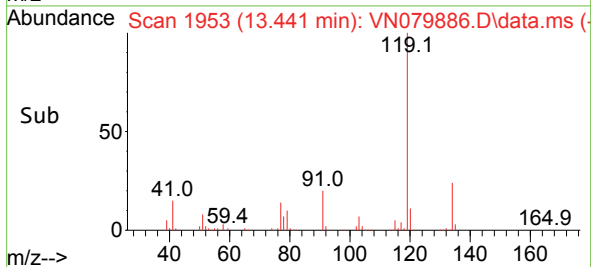
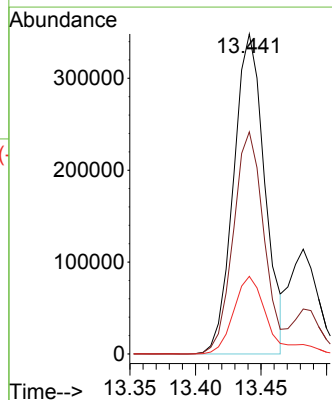
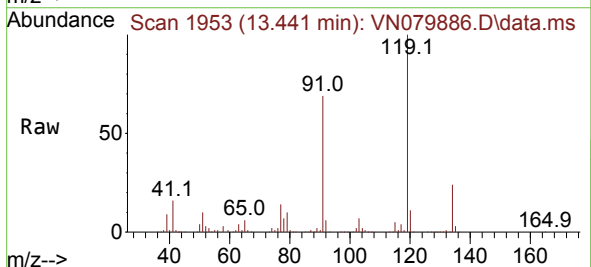
Instrument :
MSVOA_N
ClientSampleId :

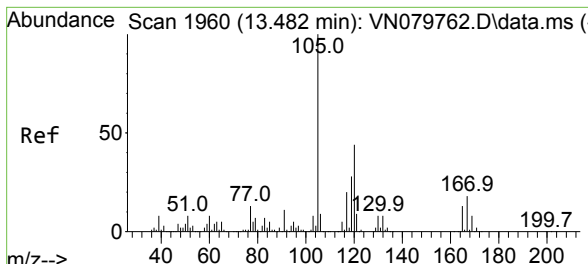
Tgt Ion: 91 Resp: 627183
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0



#83
tert-Butylbenzene
Concen: 56.561 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079886.D
Acq: 04 Nov 2023 08:42

Tgt Ion: 119 Resp: 577431
Ion Ratio Lower Upper
119 100
91 69.3 33.9 101.7
134 26.7 13.2 39.6

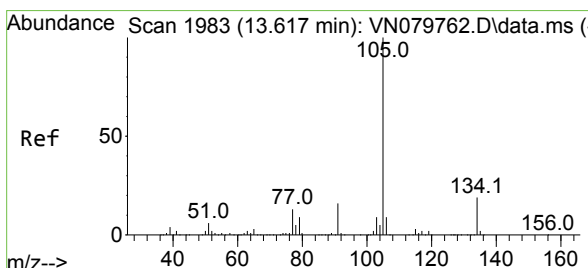
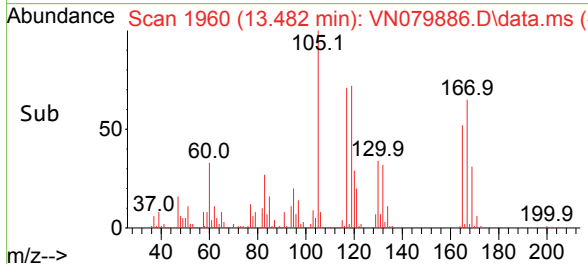
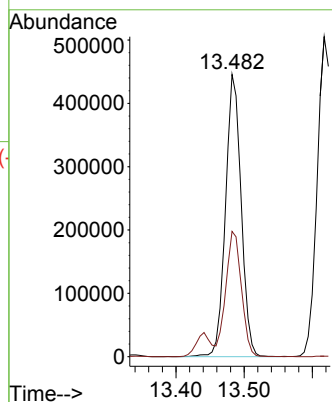
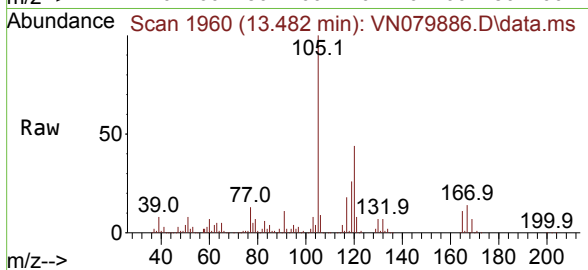




#84
 1,2,4-Trimethylbenzene
 Concen: 57.928 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

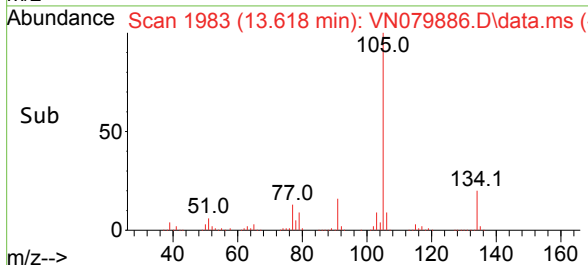
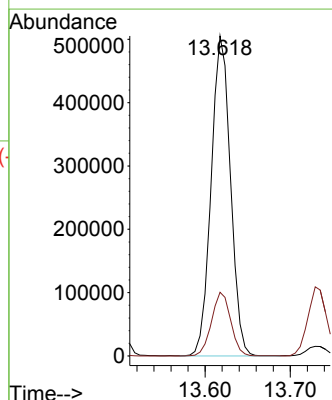
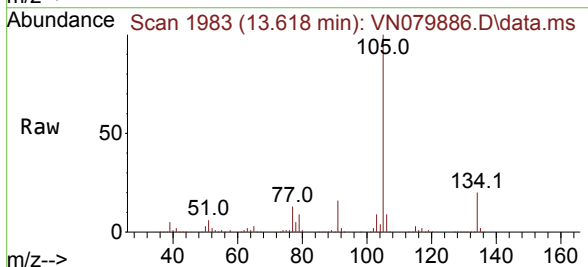
Instrument :
 MSVOA_N
 ClientSampleId :

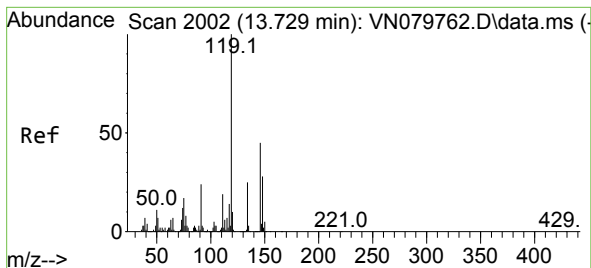
Tgt Ion:105 Resp: 710818
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 56.303 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

Tgt Ion:105 Resp: 796352
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

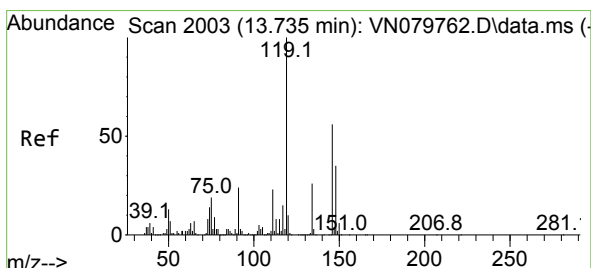
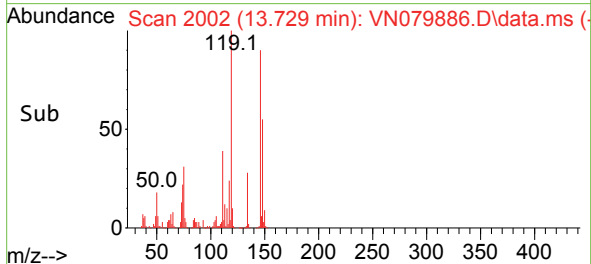
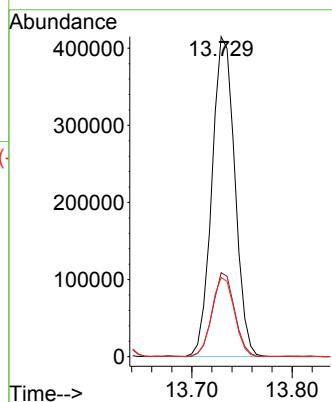
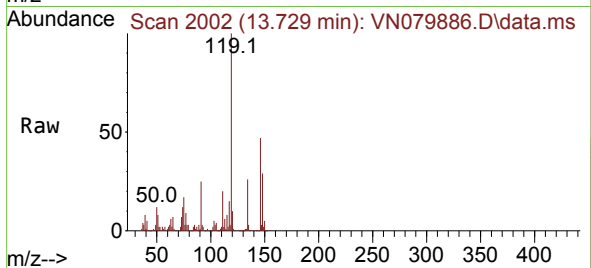




#86
 p-Isopropyltoluene
 Concen: 56.940 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

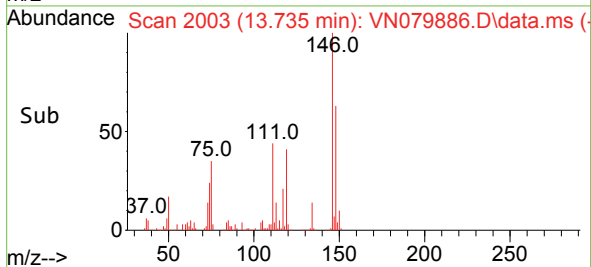
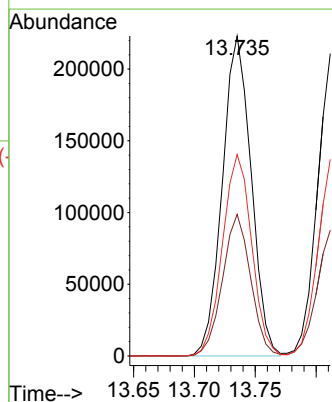
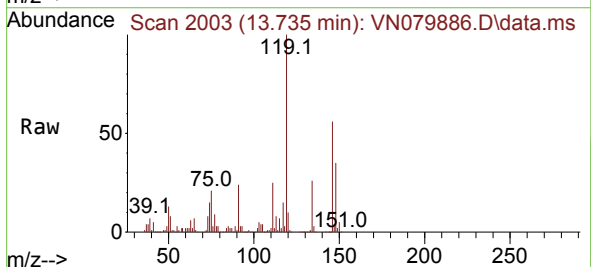
Instrument :
 MSVOA_N
 ClientSampleId :

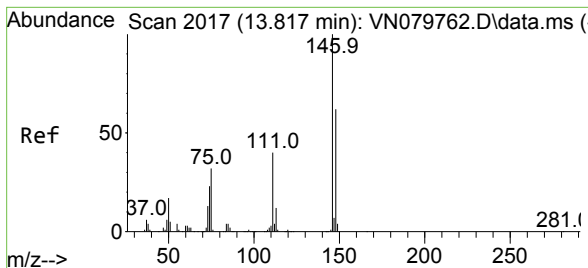
Tgt Ion:119 Resp: 656615
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.4 12.4 37.2



#87
 1,3-Dichlorobenzene
 Concen: 50.302 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

Tgt Ion:146 Resp: 367250
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.1 66.3
 148 63.8 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 49.567 ug/l

RT: 13.812 min Scan# 2017

Delta R.T. -0.006 min

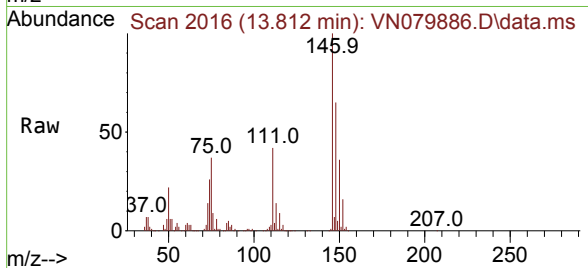
Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

ClientSampleId :



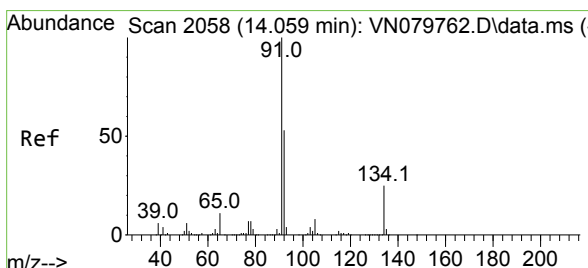
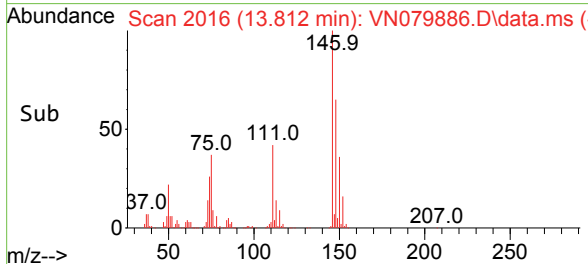
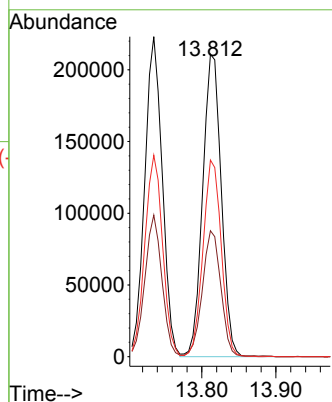
Tgt Ion:146 Resp: 367319

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

148 63.9 31.6 94.8



#89

n-Butylbenzene

Concen: 54.223 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

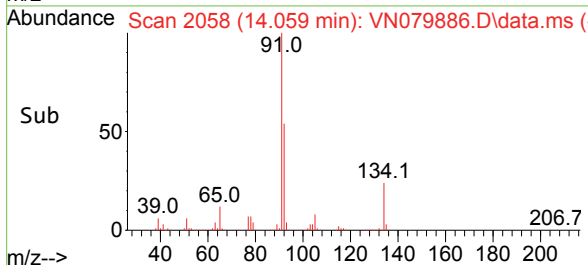
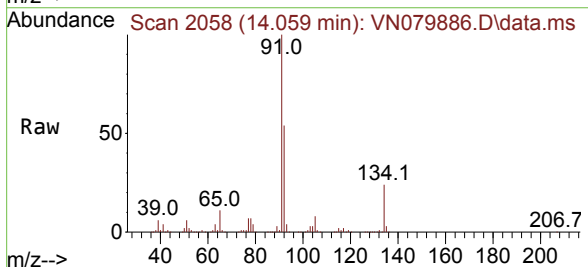
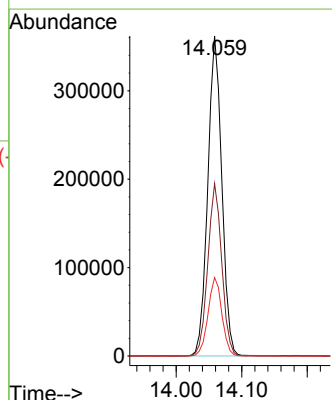
Tgt Ion: 91 Resp: 538557

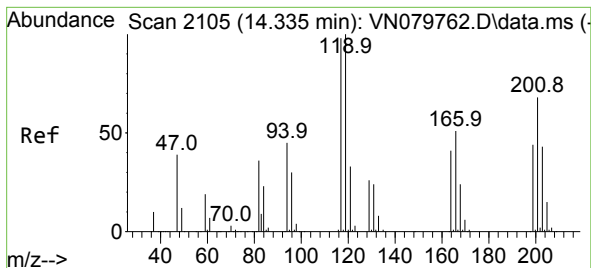
Ion Ratio Lower Upper

91 100

92 53.5 26.4 79.0

134 24.2 12.6 37.6





#90

Hexachloroethane

Concen: 54.409 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

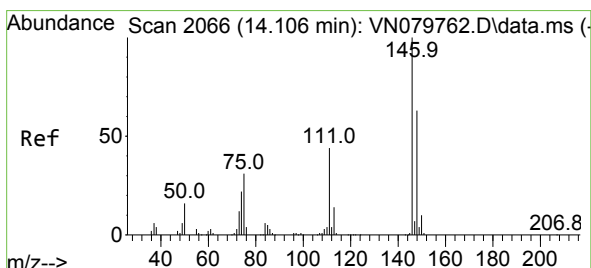
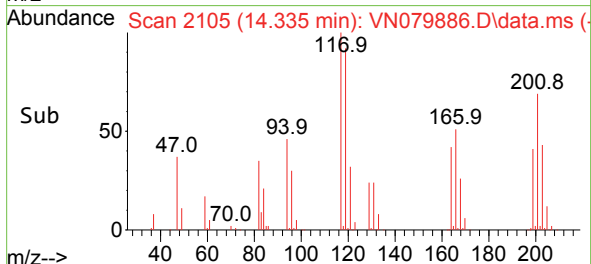
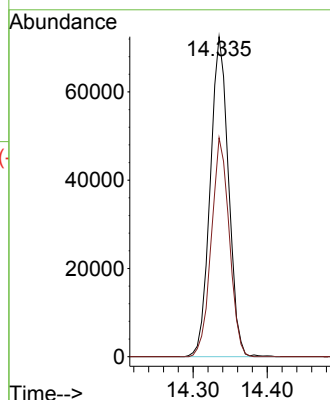
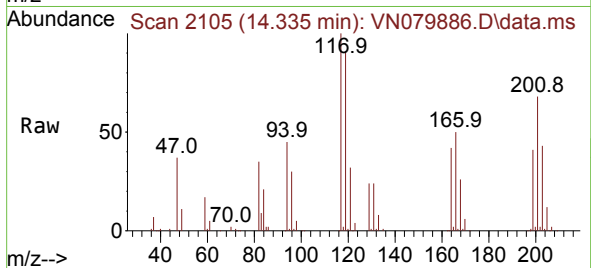
ClientSampleId :

Tgt Ion:117 Resp: 124258

Ion Ratio Lower Upper

117 100

201 67.2 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 52.290 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

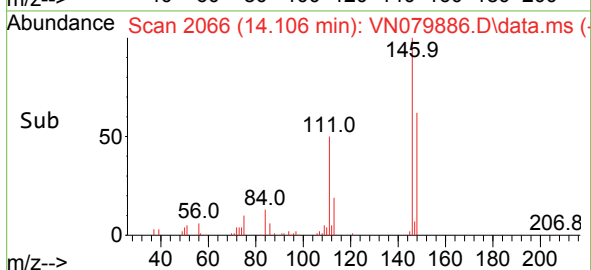
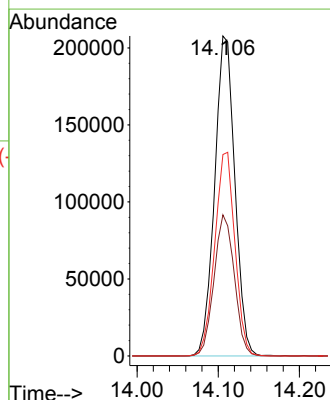
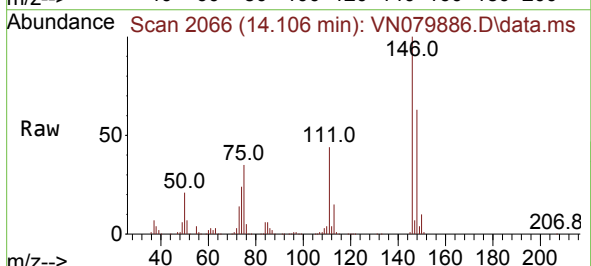
Tgt Ion:146 Resp: 360387

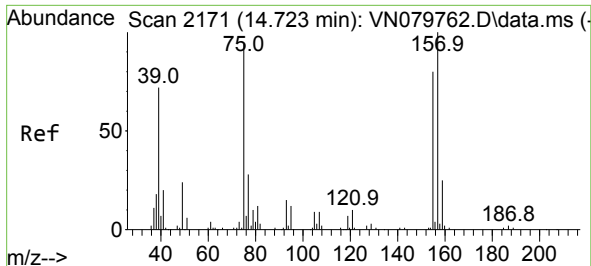
Ion Ratio Lower Upper

146 100

111 44.2 22.0 66.0

148 63.5 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.797 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

ClientSampleId :

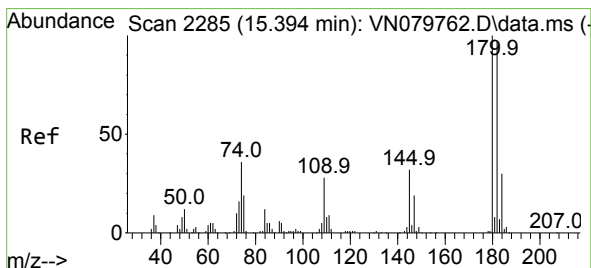
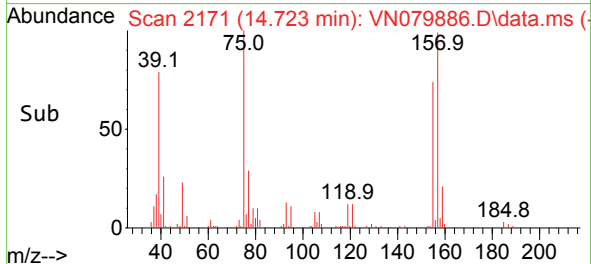
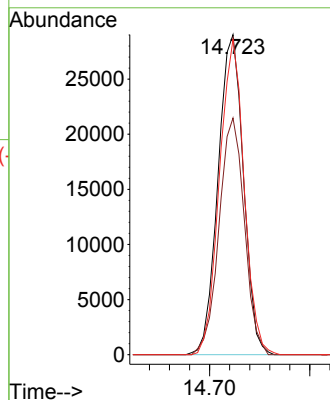
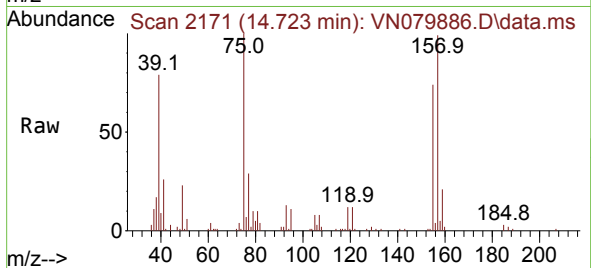
Tgt Ion: 75 Resp: 50888

Ion Ratio Lower Upper

75 100

155 73.8 39.1 117.2

157 95.7 50.3 150.9



#93

1,2,4-Trichlorobenzene

Concen: 51.303 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

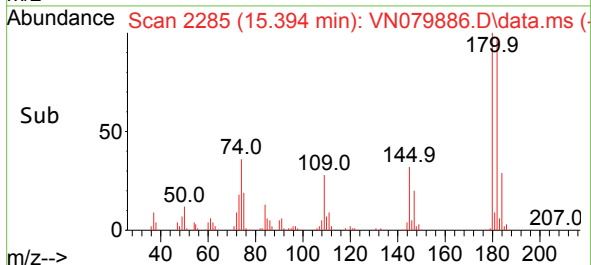
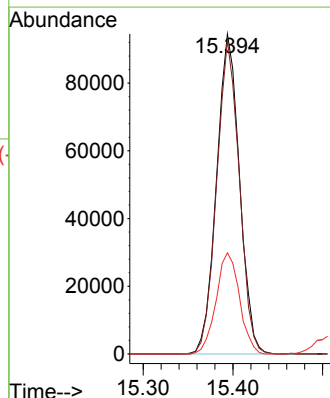
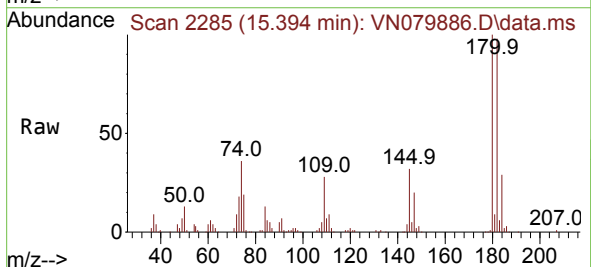
Tgt Ion: 180 Resp: 168124

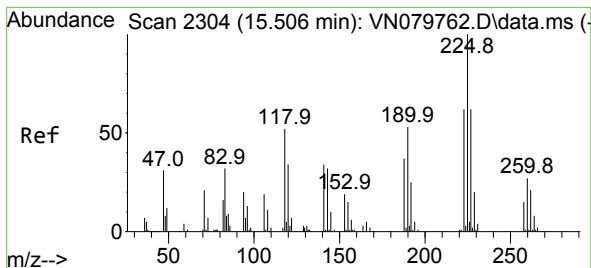
Ion Ratio Lower Upper

180 100

182 96.0 46.1 138.2

145 32.1 16.6 49.8





#94

Hexachlorobutadiene

Concen: 49.443 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

Instrument :

MSVOA_N

ClientSampleId :

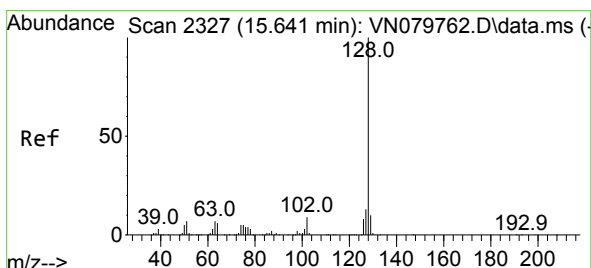
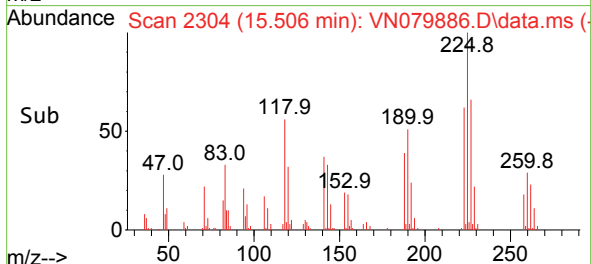
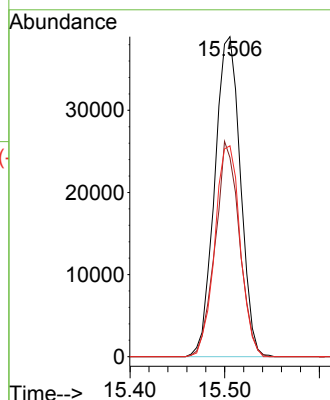
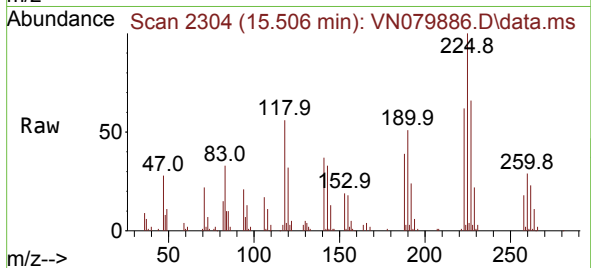
Tgt Ion:225 Resp: 73452

Ion Ratio Lower Upper

225 100

223 63.4 31.3 93.8

227 65.1 31.9 95.9



#95

Naphthalene

Concen: 45.169 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079886.D

Acq: 04 Nov 2023 08:42

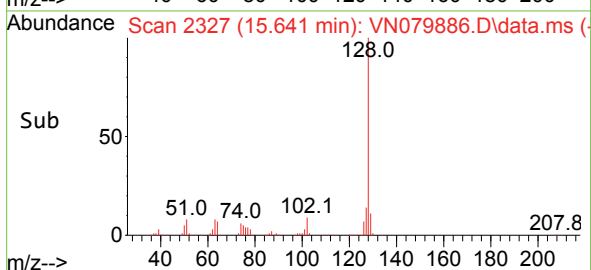
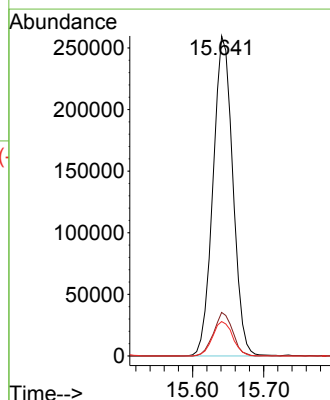
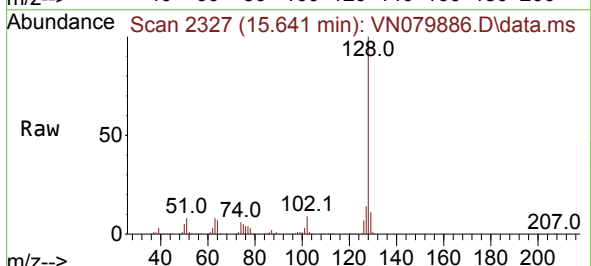
Tgt Ion:128 Resp: 501989

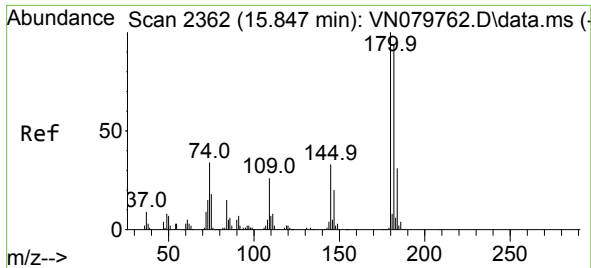
Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

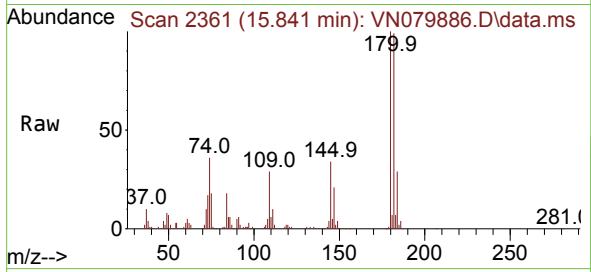
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.375 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079886.D
 Acq: 04 Nov 2023 08:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	161821
Ion	Ratio	Lower	Upper
180	100		
182	98.4	46.2	138.6
145	34.5	17.5	52.6

