

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079289.D
 Acq On : 18 Sep 2023 16:32
 Operator : JC\MD
 Sample : VN0918WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 01:24:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	147859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	251422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120897	60.571	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.140%	
35) Dibromofluoromethane	8.171	113	94384	52.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	10.571	98	337866	51.535	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.853	95	106382	50.870	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	28731	19.638	ug/l	99
3) Chloromethane	2.365	50	40574	21.127	ug/l	97
4) Vinyl Chloride	2.518	62	44290	21.165	ug/l	99
5) Bromomethane	2.953	94	27343	22.732	ug/l	90
6) Chloroethane	3.118	64	33401	24.457	ug/l	95
7) Trichlorofluoromethane	3.500	101	55080	17.975	ug/l	99
8) Diethyl Ether	3.959	74	21400	20.121	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.365	101	31215	19.155	ug/l	100
10) Methyl Iodide	4.589	142	32303	24.233	ug/l	94
11) Tert butyl alcohol	5.530	59	35511	96.367	ug/l	98
12) 1,1-Dichloroethene	4.347	96	28543	18.100	ug/l	82
13) Acrolein	4.189	56	34164	97.193	ug/l	97
14) Allyl chloride	5.024	41	47053	18.704	ug/l #	89
15) Acrylonitrile	5.724	53	104709	109.586	ug/l	100
16) Acetone	4.430	43	94423	111.388	ug/l	94
17) Carbon Disulfide	4.718	76	77392	15.702	ug/l	99
18) Methyl Acetate	5.030	43	79216	22.738	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	115816	21.414	ug/l	96
20) Methylene Chloride	5.283	84	42779	20.738	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	33681	18.411	ug/l	90
22) Diisopropyl ether	6.677	45	128442	23.270	ug/l #	91
23) Vinyl Acetate	6.606	43	370373	109.093	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	72117	21.195	ug/l	98
25) 2-Butanone	7.488	43	137580	111.859	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	57037	20.427	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	42225	20.186	ug/l	86
28) Bromochloromethane	7.818	49	28132	18.286	ug/l #	72
29) Tetrahydrofuran	7.841	42	89680	114.577	ug/l #	76
30) Chloroform	7.971	83	76549	21.608	ug/l	98
31) Cyclohexane	8.265	56	52425	17.988	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	60672	20.091	ug/l	97
36) 1,1-Dichloropropene	8.377	75	49609	18.026	ug/l	95
37) Ethyl Acetate	7.565	43	55891	20.361	ug/l #	92
38) Carbon Tetrachloride	8.365	117	50319	17.668	ug/l	98
39) Methylcyclohexane	9.606	83	44369	16.344	ug/l #	88
40) Benzene	8.612	78	159184	18.894	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	29952	21.641	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	61473	21.195	ug/l	97
43) Isopropyl Acetate	8.694	43	97014	21.660	ug/l #	88
44) Trichloroethene	9.353	130	35587	17.147	ug/l	91
45) 1,2-Dichloropropane	9.624	63	42364	20.261	ug/l	99
46) Dibromomethane	9.712	93	30153	21.244	ug/l	94
47) Bromodichloromethane	9.894	83	61082	21.010	ug/l	98
48) Methyl methacrylate	9.688	41	41526	20.698	ug/l #	82
49) 1,4-Dioxane	9.700	88	16327	395.664	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	283092	108.880	ug/l	89
52) Toluene	10.635	92	97188	18.771	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	60494	19.734	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	66507	20.284	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	42350	20.846	ug/l	96
56) Ethyl methacrylate	10.876	69	56859	19.826	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	72178	20.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	112939	100.317	ug/l	89
59) 2-Hexanone	11.200	43	197573	104.915	ug/l	87
60) Dibromochloromethane	11.365	129	42633	19.718	ug/l	99
61) 1,2-Dibromoethane	11.476	107	39975	19.717	ug/l	99
64) Tetrachloroethene	11.106	164	30149	16.445	ug/l	94
65) Chlorobenzene	11.894	112	100424	17.632	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	39110	18.312	ug/l	99
67) Ethyl Benzene	11.970	91	170958	17.548	ug/l	99
68) m/p-Xylenes	12.076	106	131396	36.184	ug/l	96
69) o-Xylene	12.400	106	64178	18.428	ug/l	95
70) Styrene	12.418	104	104789	18.708	ug/l	98
71) Bromoform	12.582	173	27294	17.310	ug/l #	98
73) Isopropylbenzene	12.700	105	156721	17.294	ug/l	99
74) N-amyl acetate	12.500	43	65116	18.940	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	62003	18.374	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	73428	27.354	ug/l	65
77) Bromobenzene	12.988	156	39330	17.140	ug/l	95
78) n-propylbenzene	13.041	91	184543	18.129	ug/l	97
79) 2-Chlorotoluene	13.129	91	115178	17.299	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	133006	17.615	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	18334	18.777	ug/l	86
82) 4-Chlorotoluene	13.229	91	113048	18.070	ug/l	99
83) tert-Butylbenzene	13.447	119	107843	17.265	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	129795	18.049	ug/l	100
85) sec-Butylbenzene	13.623	105	144082	16.755	ug/l	99
86) p-Isopropyltoluene	13.735	119	116048	16.891	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	63808	16.954	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	63272	16.638	ug/l	99
89) n-Butylbenzene	14.059	91	89677	16.599	ug/l	95
90) Hexachloroethane	14.341	117	23650	16.951	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	65956	17.753	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9522	18.562	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	18800	14.081	ug/l	95
94) Hexachlorobutadiene	15.506	225	13473	12.828	ug/l	98
95) Naphthalene	15.647	128	49573	12.501	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	21584	13.705	ug/l	97

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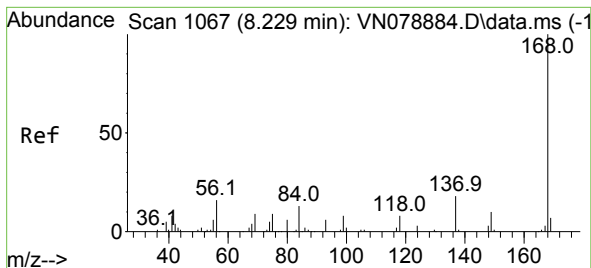
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

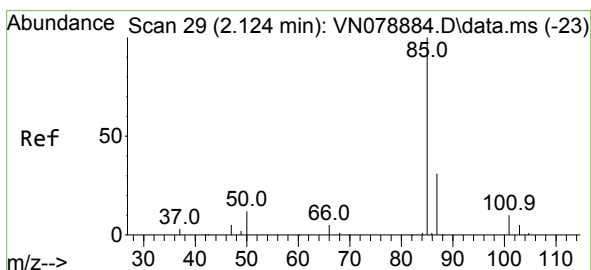
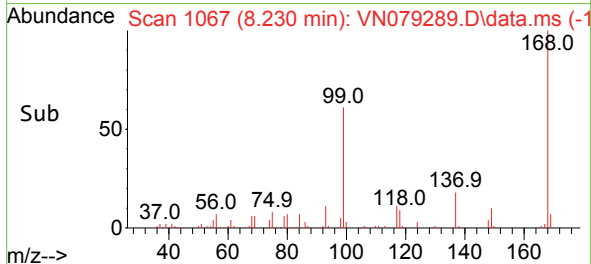
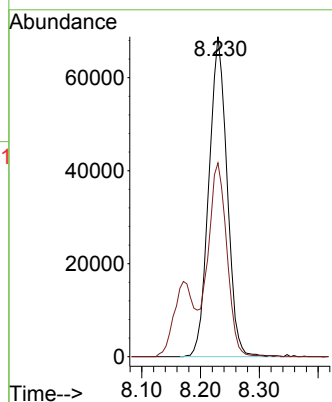
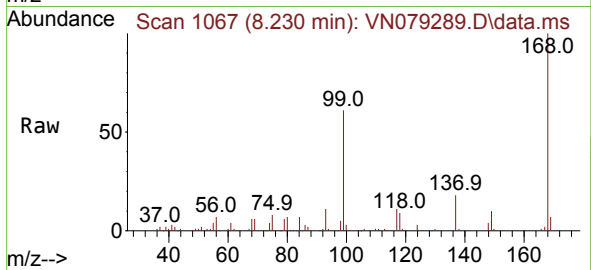
ClientSampleId :

Tgt Ion:168 Resp: 147859

Ion Ratio Lower Upper

168 100

99 60.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.638 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN079289.D

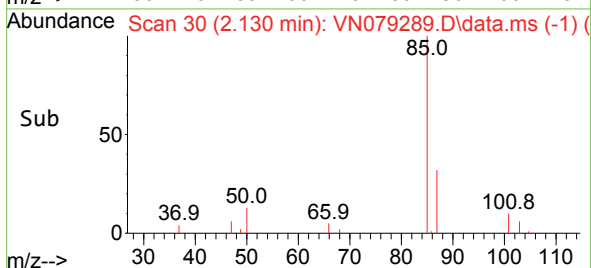
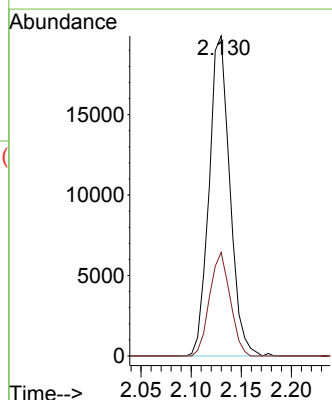
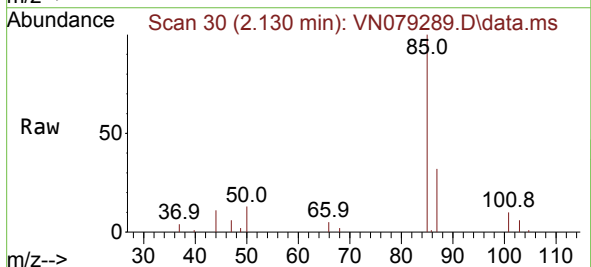
Acq: 18 Sep 2023 16:32

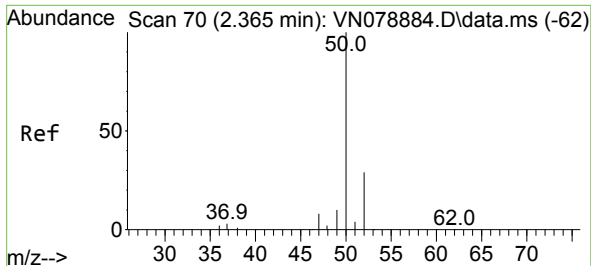
Tgt Ion: 85 Resp: 28731

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4

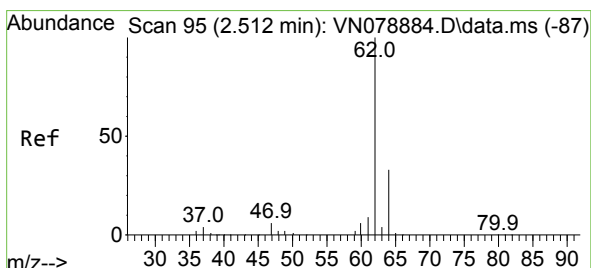
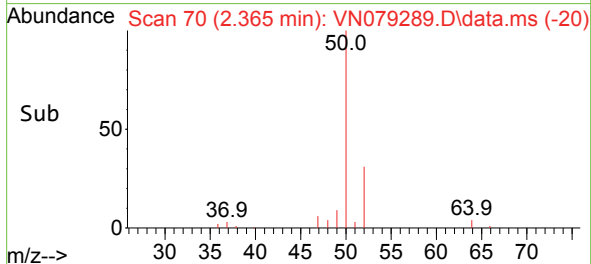
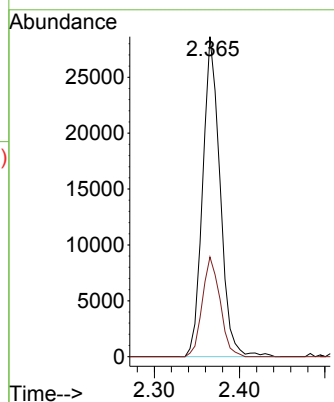
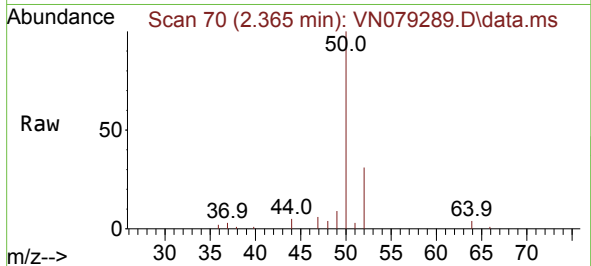




#3
Chloromethane
Concen: 21.127 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

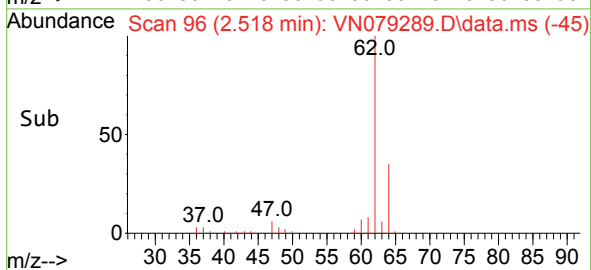
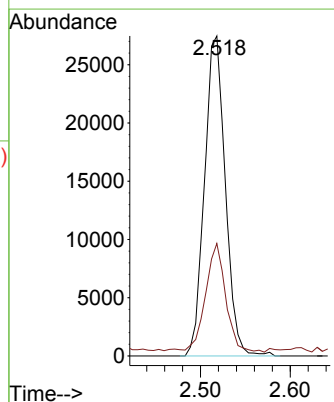
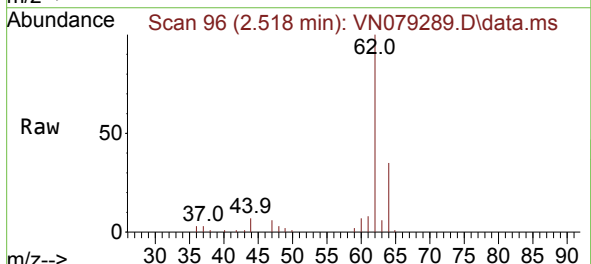
Instrument :
MSVOA_N
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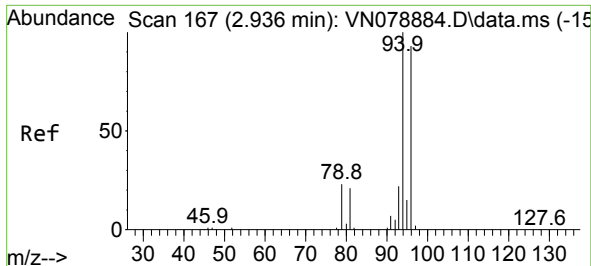
Tgt Ion: 50 Resp: 40574
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7



#4
Vinyl Chloride
Concen: 21.165 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 62 Resp: 44290
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2

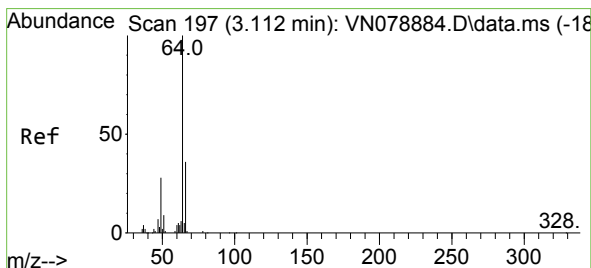
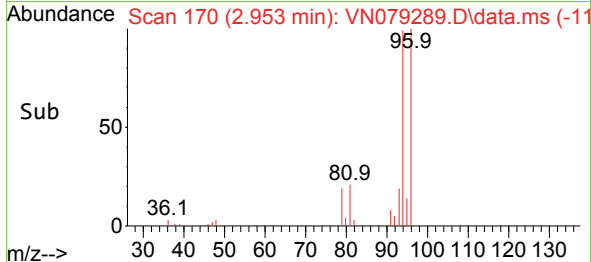
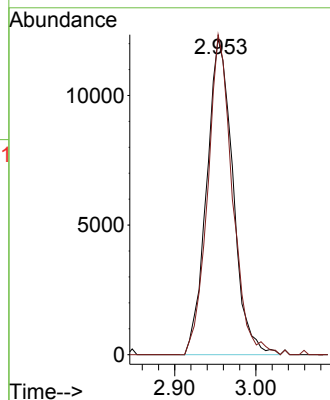
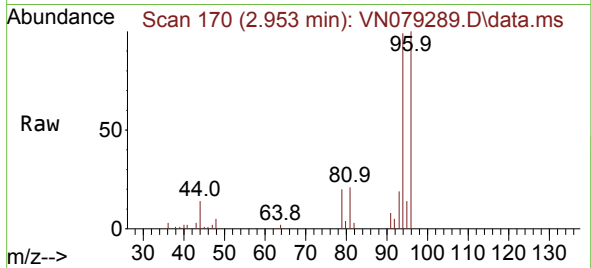




#5
Bromomethane
Concen: 22.732 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

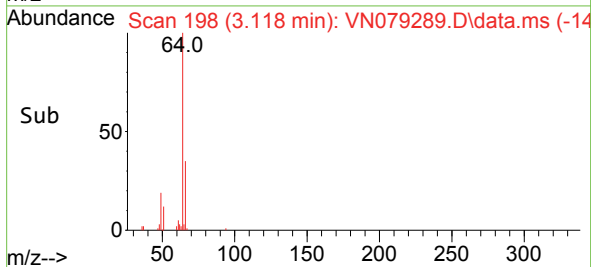
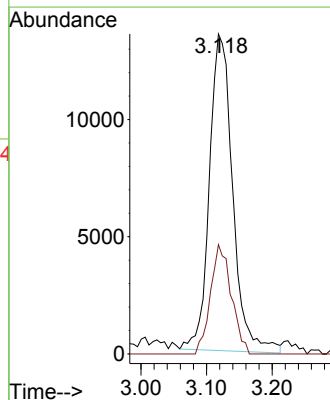
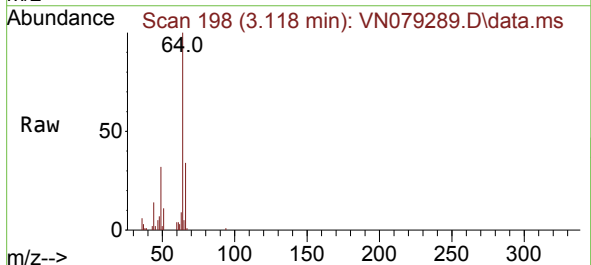
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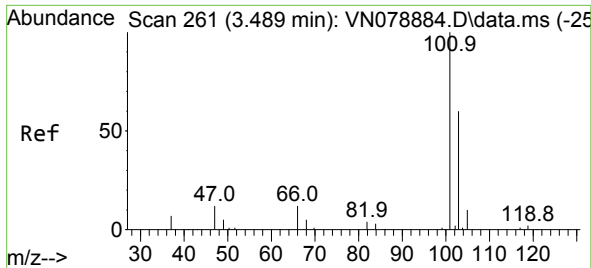
Tgt Ion: 94 Resp: 27343
Ion Ratio Lower Upper
94 100
96 101.2 73.1 109.7



#6
Chloroethane
Concen: 24.457 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 64 Resp: 33401
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.2

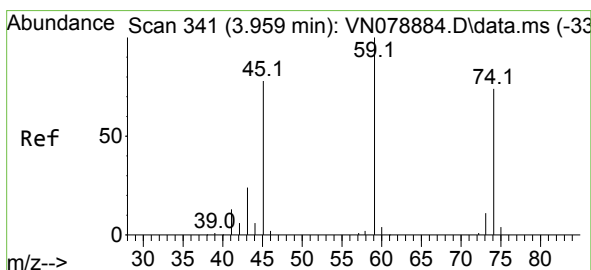
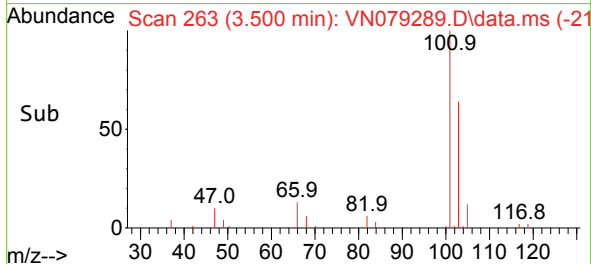
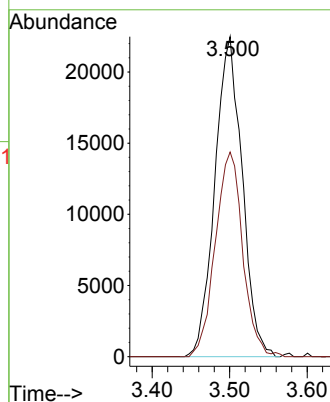
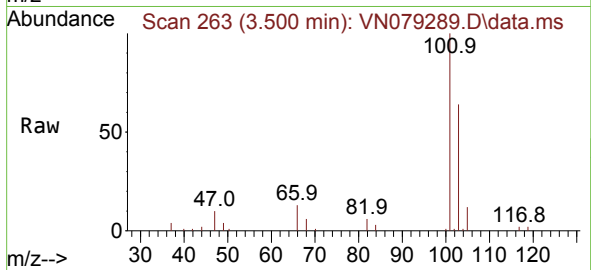




#7
Trichlorofluoromethane
Concen: 17.975 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.001 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

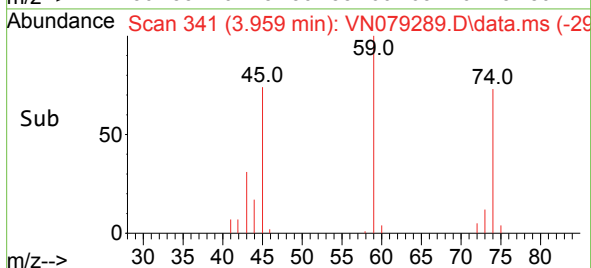
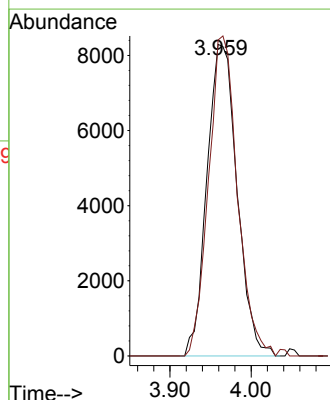
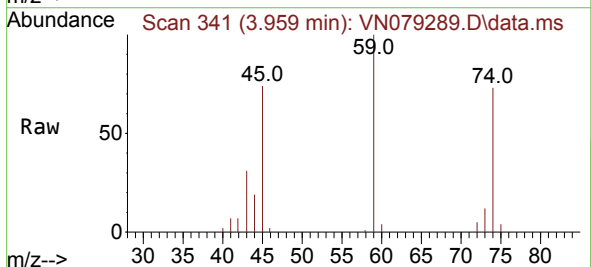
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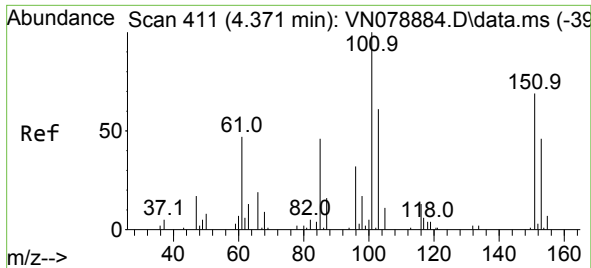
Tgt Ion:101 Resp: 55080
Ion Ratio Lower Upper
101 100
103 63.9 50.7 76.1



#8
Diethyl Ether
Concen: 20.121 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 74 Resp: 21400
Ion Ratio Lower Upper
74 100
45 98.2 34.4 103.3

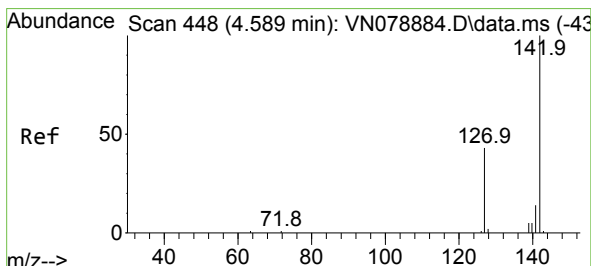
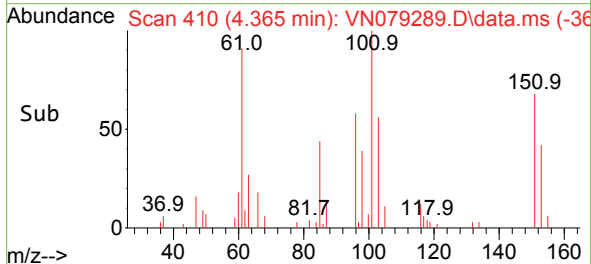
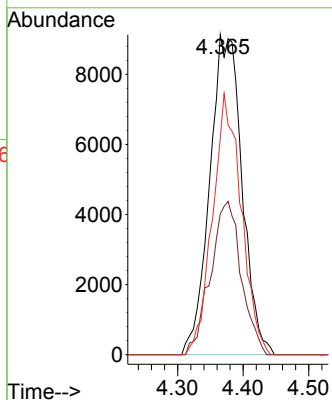
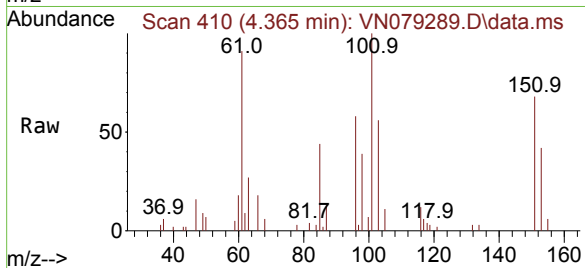




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.155 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079289.D
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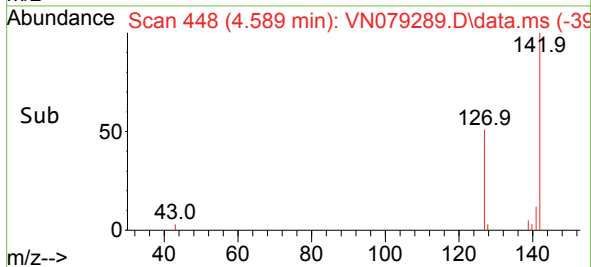
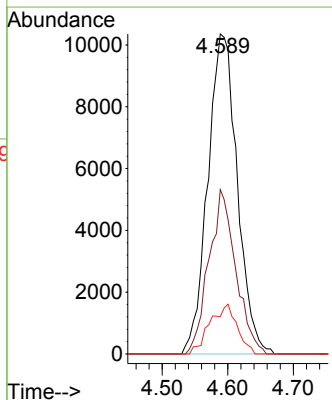
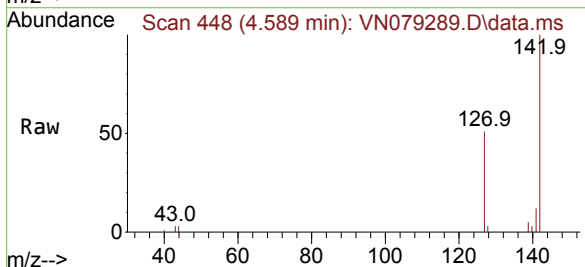
Instrument :
MSVOA_N
ClientSampleId :

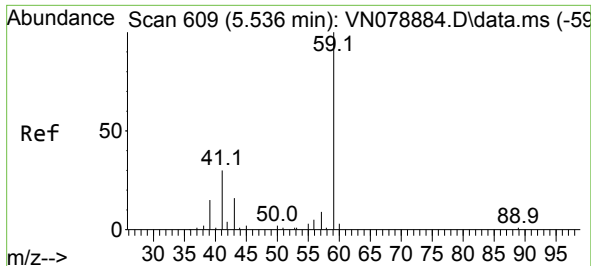
Tgt Ion:101 Resp: 31215
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 72.4 57.6 86.4



#10
Methyl Iodide
Concen: 24.233 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion:142 Resp: 32303
Ion Ratio Lower Upper
142 100
127 51.3 37.6 56.4
141 11.6 11.4 17.0

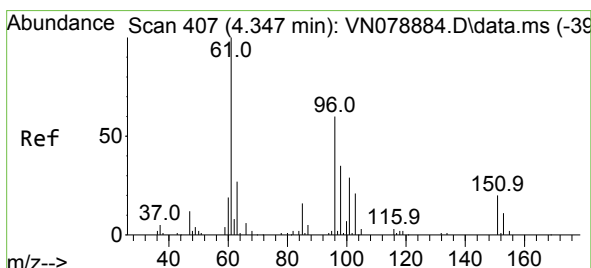
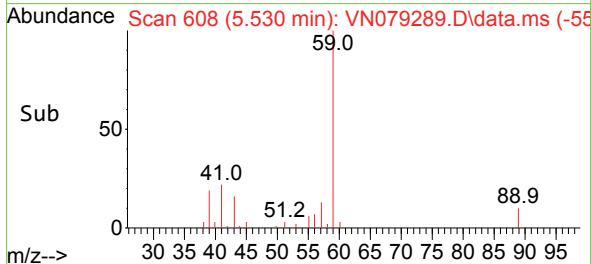
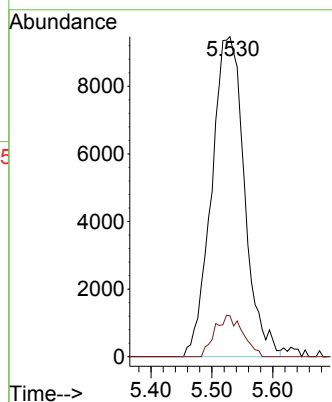
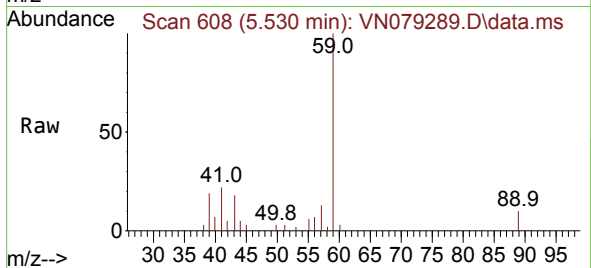




#11
Tert butyl alcohol
Concen: 96.367 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

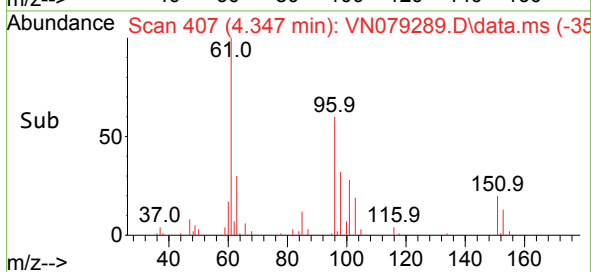
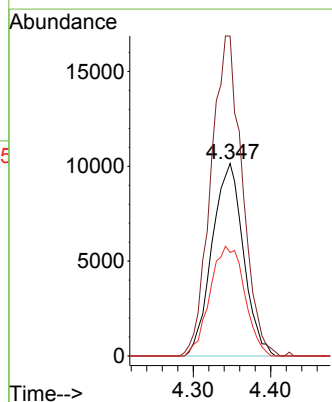
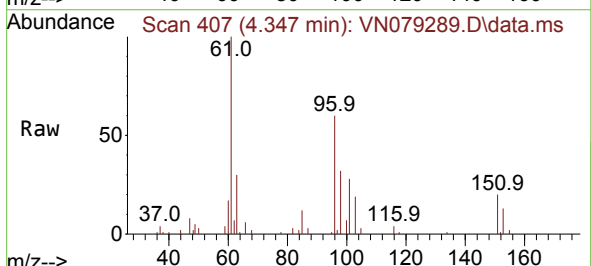
Instrument :
MSVOA_N
ClientSampleId :

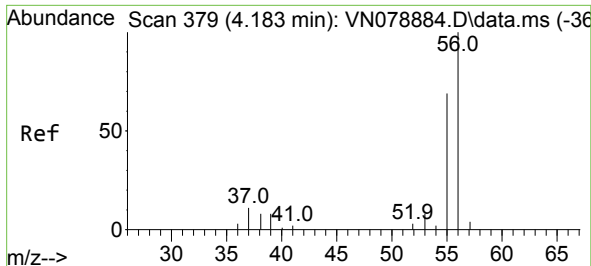
Tgt Ion: 59 Resp: 35511
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.100 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 96 Resp: 28543
Ion Ratio Lower Upper
96 100
61 166.1 112.7 169.1
98 53.8 51.2 76.8





#13

Acrolein

Concen: 97.193 ug/l

RT: 4.189 min Scan# 379

Delta R.T. -0.006 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

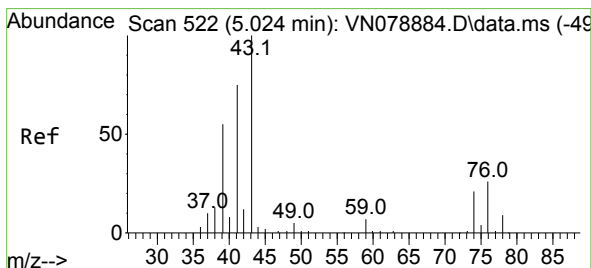
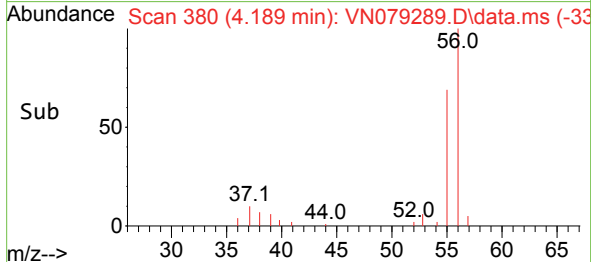
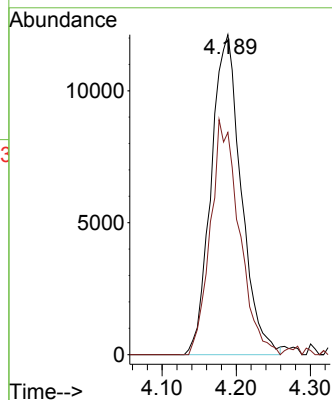
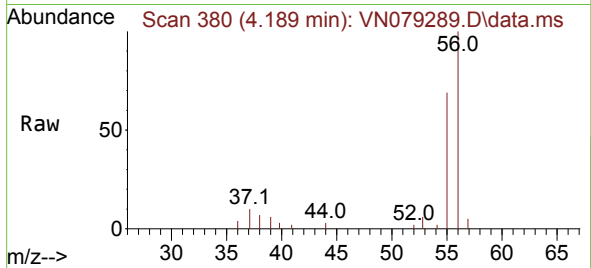
ClientSampleId :

Tgt Ion: 56 Resp: 34164

Ion Ratio Lower Upper

56 100

55 70.7 54.5 81.7



#14

Allyl chloride

Concen: 18.704 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

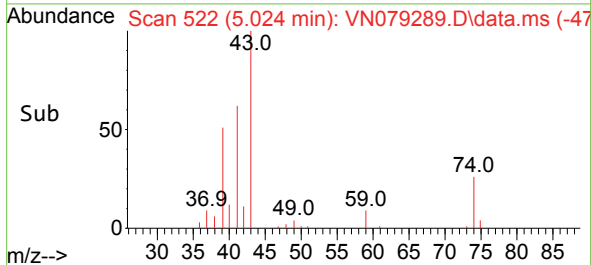
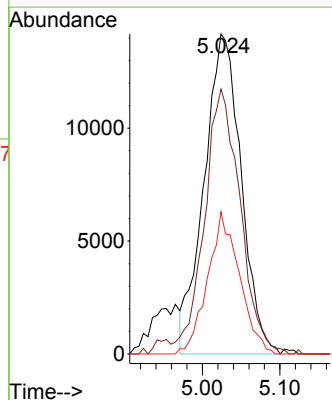
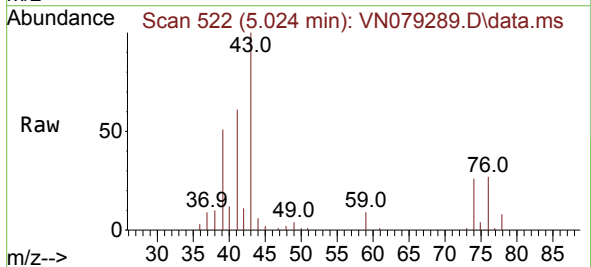
Tgt Ion: 41 Resp: 47053

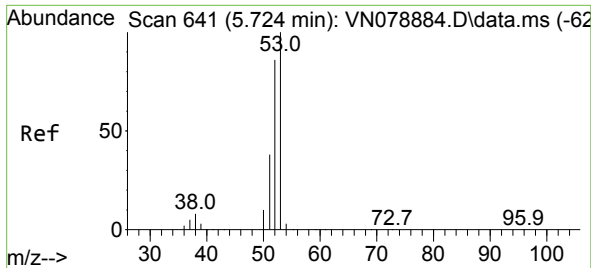
Ion Ratio Lower Upper

41 100

39 79.9 58.8 88.2

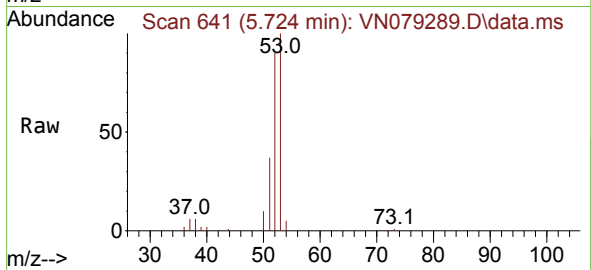
76 38.1 39.1 58.7#



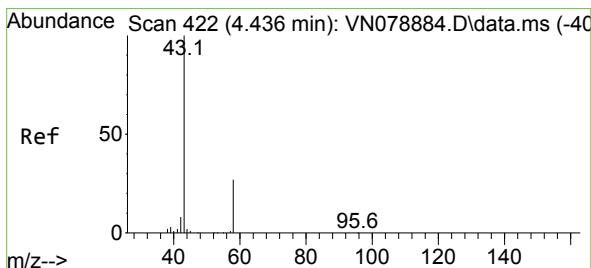
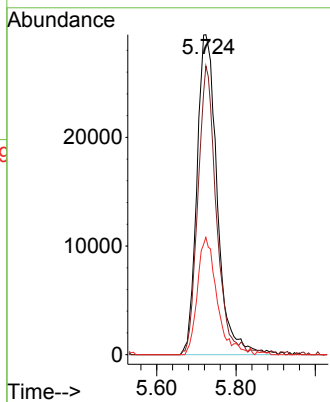
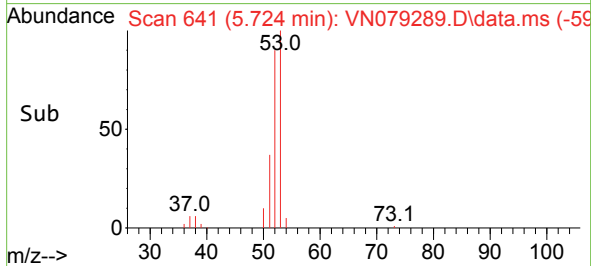


#15
Acrylonitrile
Concen: 109.586 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :

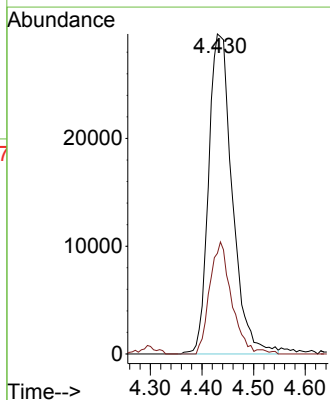
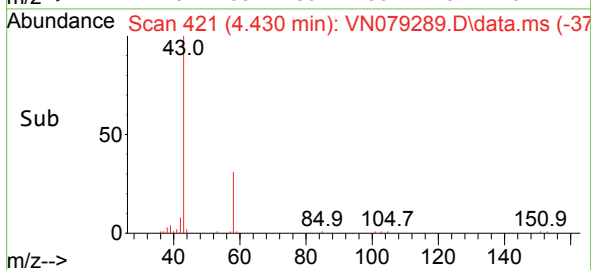
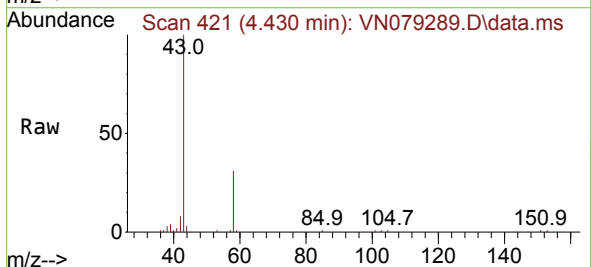


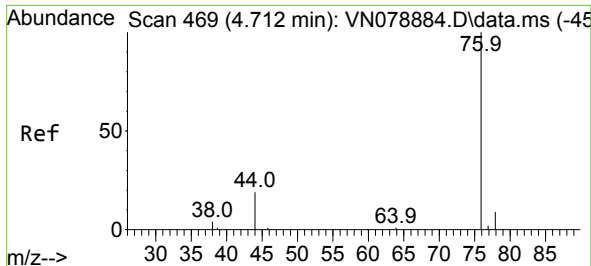
Tgt Ion: 53 Resp: 104709
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.5 28.9 43.3



#16
Acetone
Concen: 111.388 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

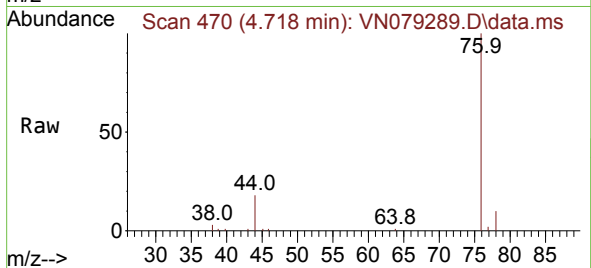
Tgt Ion: 43 Resp: 94423
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0



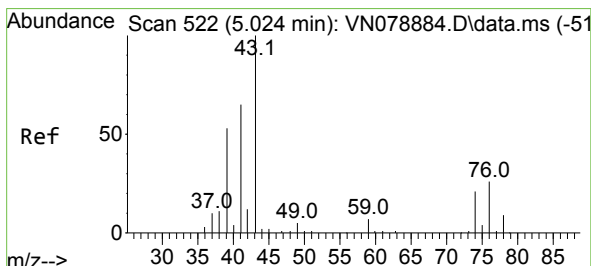
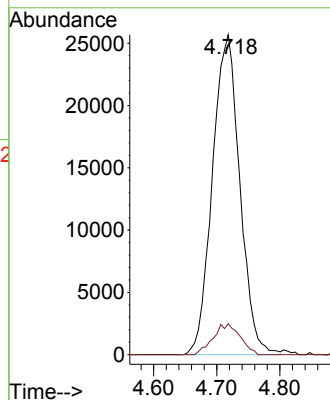
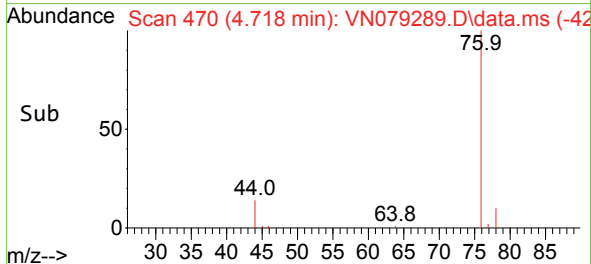


#17
Carbon Disulfide
Concen: 15.702 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :

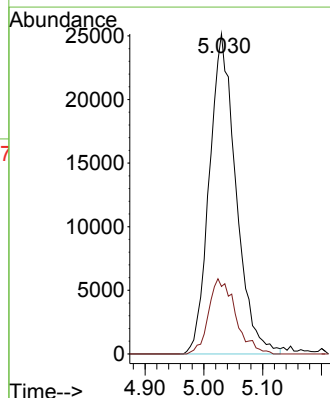
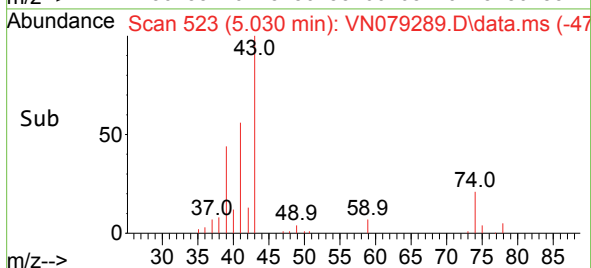
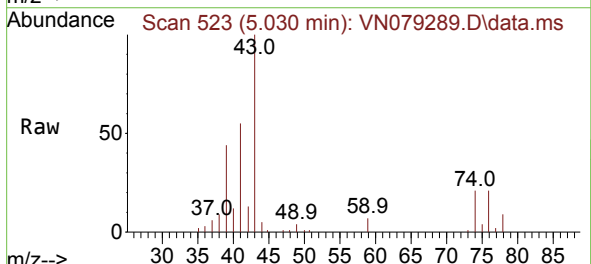


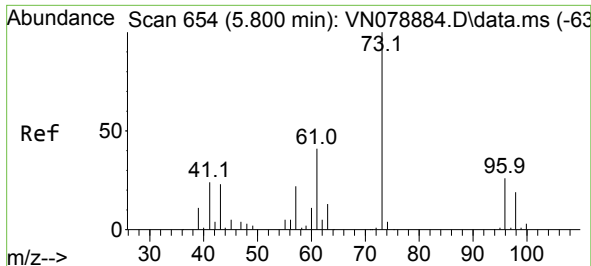
Tgt Ion: 76 Resp: 77392
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 22.738 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 43 Resp: 79216
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#

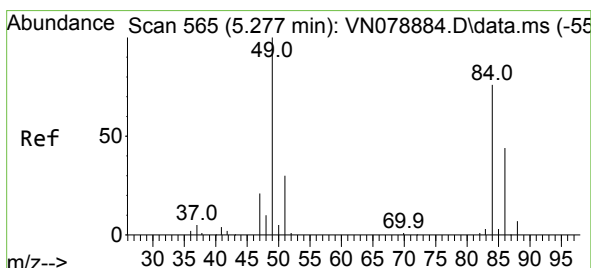
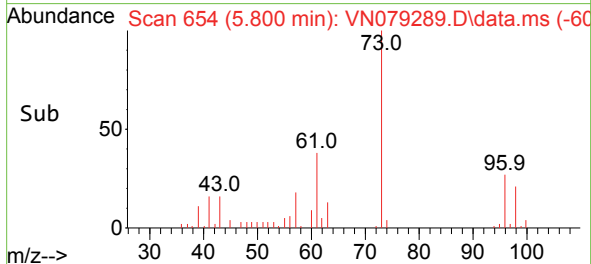
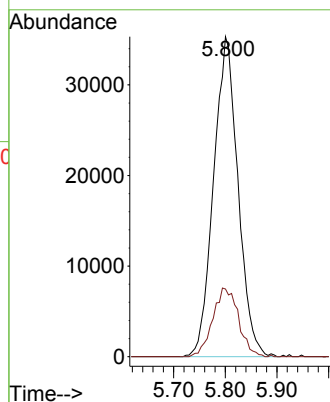
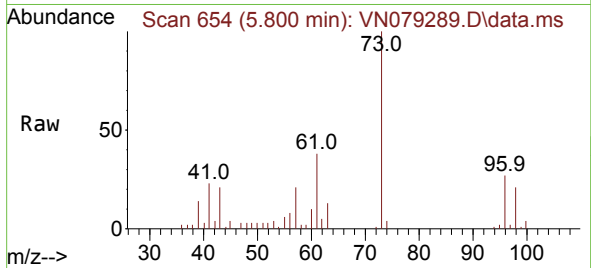




#19
Methyl tert-butyl Ether
Concen: 21.414 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

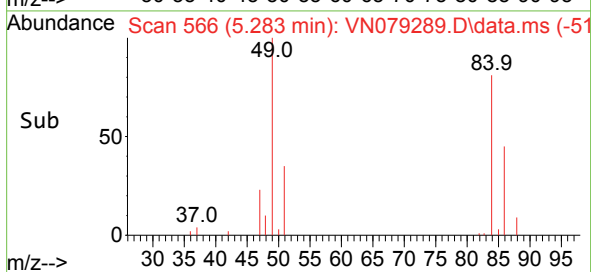
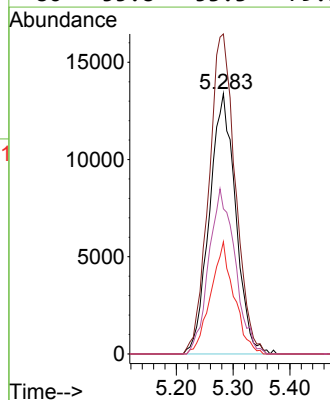
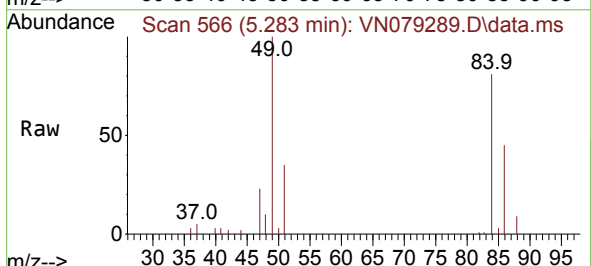
Instrument :
MSVOA_N
ClientSampleId :

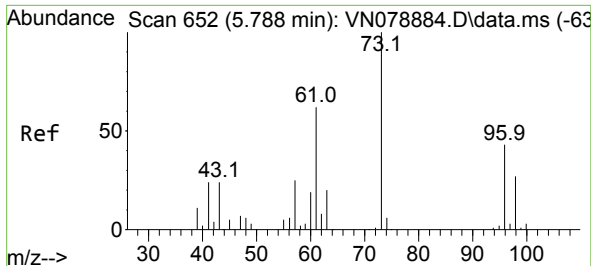
Tgt Ion: 73 Resp: 115816
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4



#20
Methylene Chloride
Concen: 20.738 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 84 Resp: 42779
Ion Ratio Lower Upper
84 100
49 122.9 79.7 119.5#
51 43.1 25.2 37.8#
86 55.8 53.3 79.9

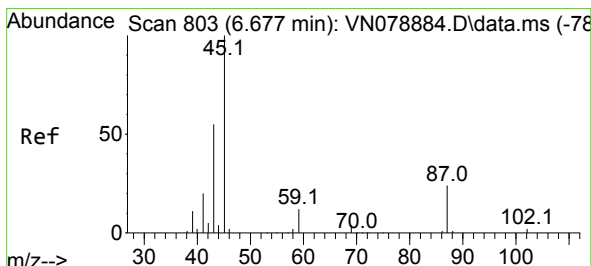
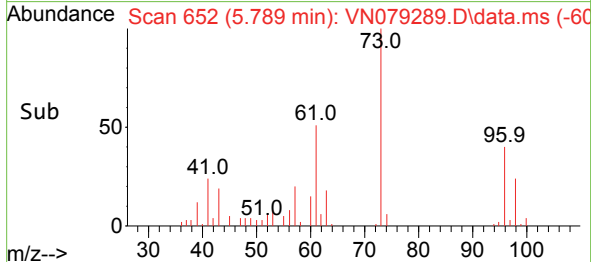
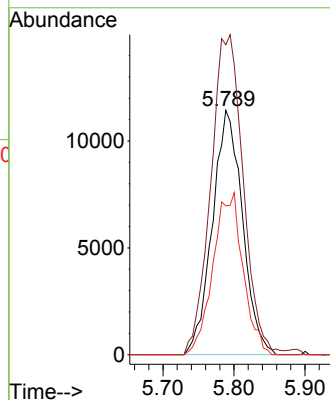
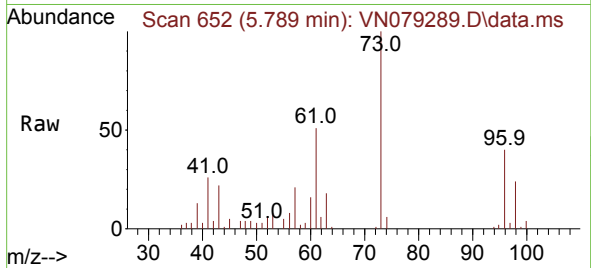




#21
trans-1,2-Dichloroethene
Concen: 18.411 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

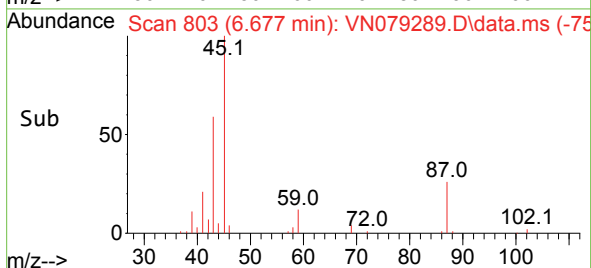
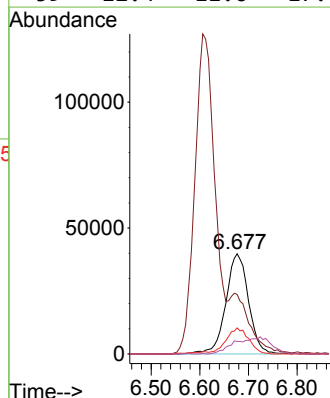
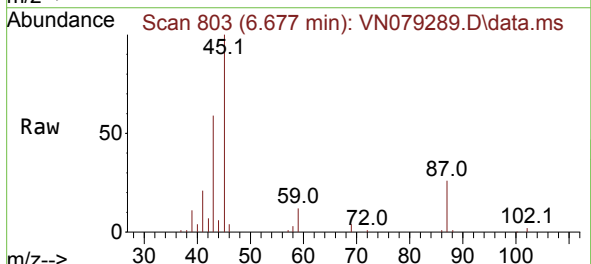
Instrument :
MSVOA_N
ClientSampleId :

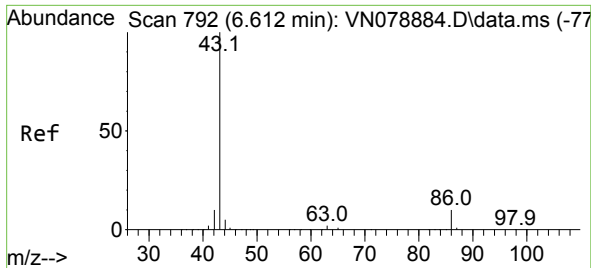
Tgt Ion: 96 Resp: 33681
Ion Ratio Lower Upper
96 100
61 126.9 90.1 135.1
98 60.9 46.4 69.6



#22
Diisopropyl ether
Concen: 23.270 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 45 Resp: 128442
Ion Ratio Lower Upper
45 100
43 57.3 45.5 68.3
87 26.0 31.8 47.8#
59 12.4 11.6 17.4

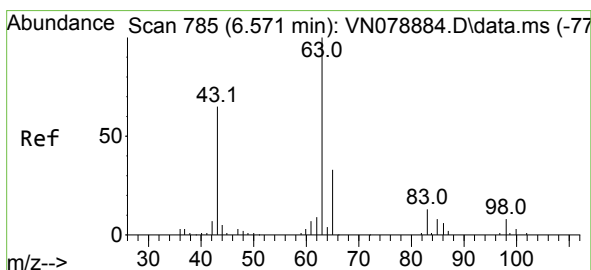
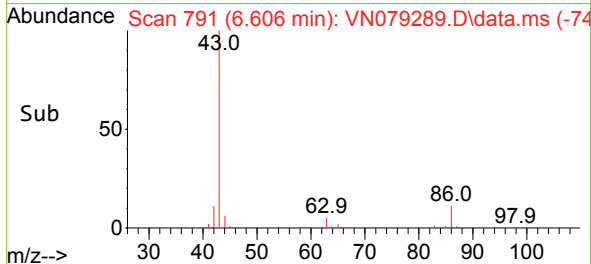
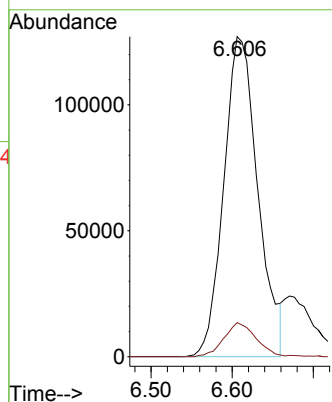
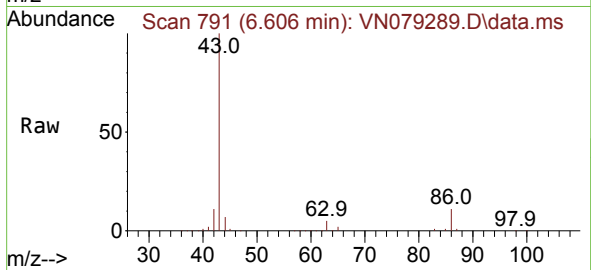




#23
 Vinyl Acetate
 Concen: 109.093 ug/l
 RT: 6.606 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: VN079289.D
 Acq: 18 Sep 2023 16:32

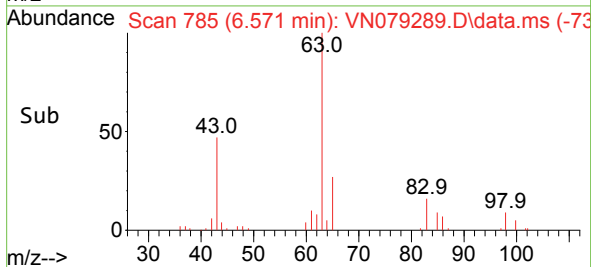
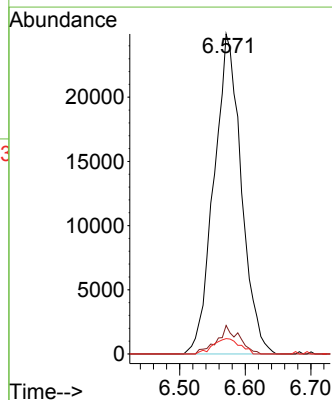
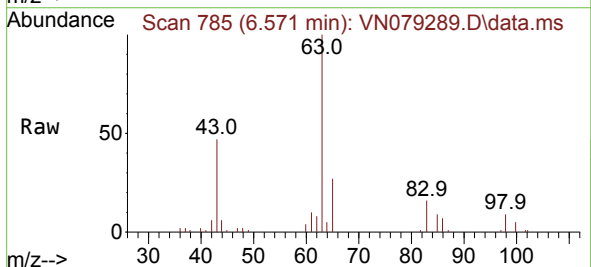
Instrument :
 MSVOA_N
 ClientSampleId :

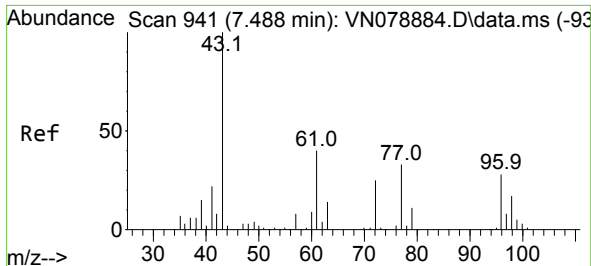
Tgt Ion: 43 Resp: 370373
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.195 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079289.D
 Acq: 18 Sep 2023 16:32

Tgt Ion: 63 Resp: 72117
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 4.8 2.5 7.4

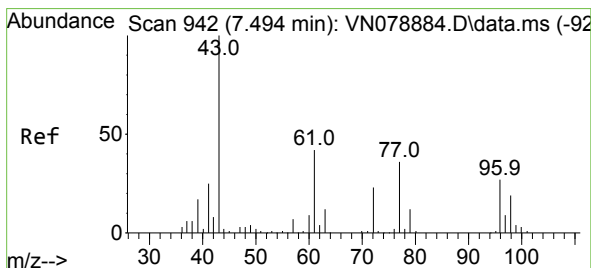
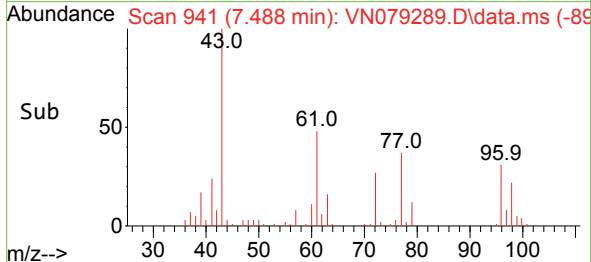
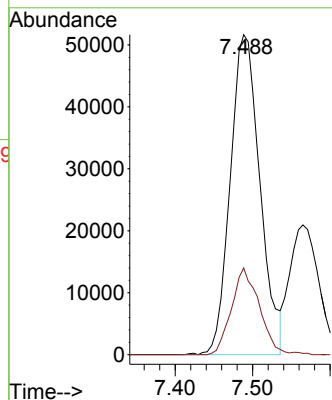
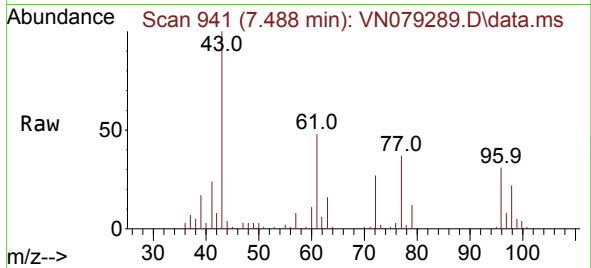




#25
2-Butanone
Concen: 111.859 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

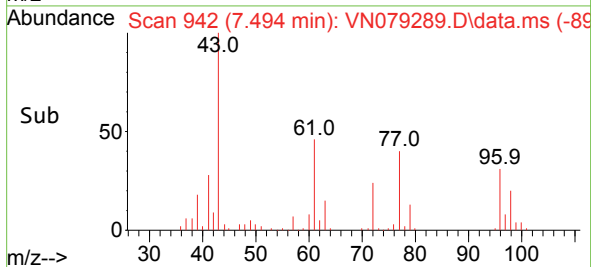
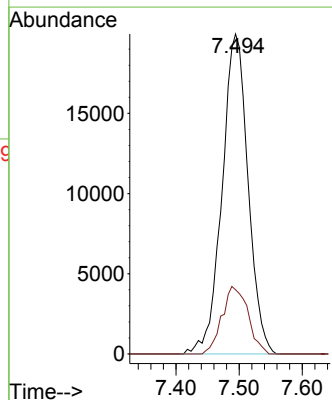
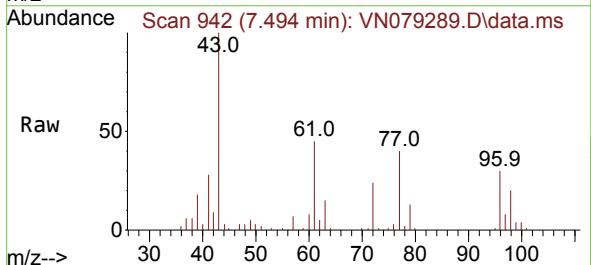
Instrument :
MSVOA_N
ClientSampleId :

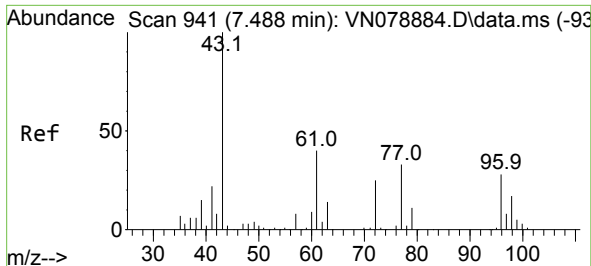
Tgt Ion: 43 Resp: 137580
Ion Ratio Lower Upper
43 100
72 27.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 20.427 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

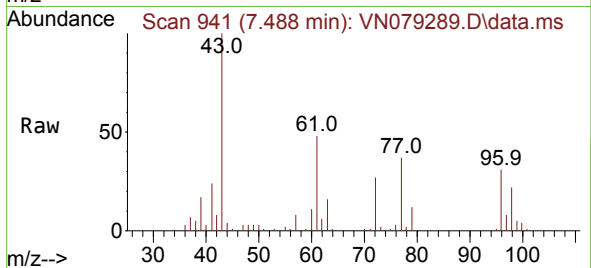
Tgt Ion: 77 Resp: 57037
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6



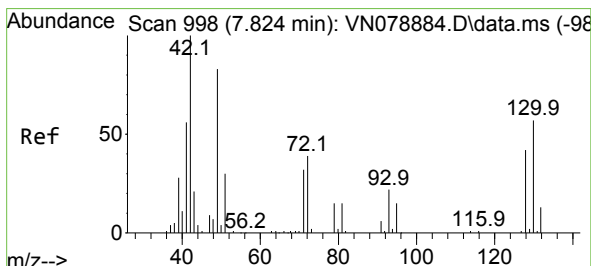
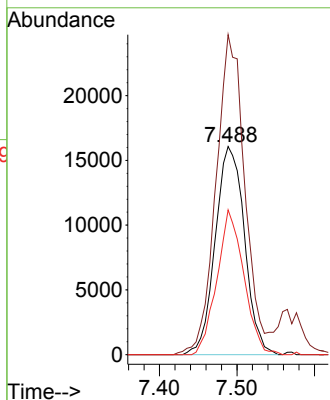
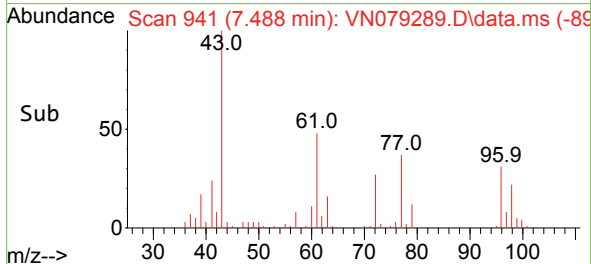


#27
 cis-1,2-Dichloroethene
 Concen: 20.186 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079289.D
 Acq: 18 Sep 2023 16:32

Instrument :
 MSVOA_N
 ClientSampleId :

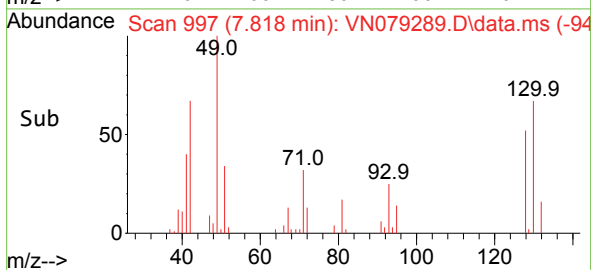
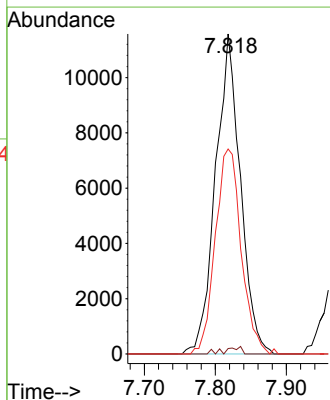
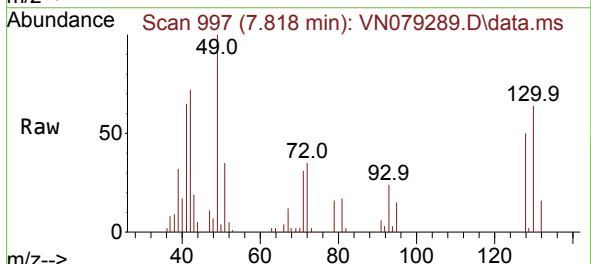


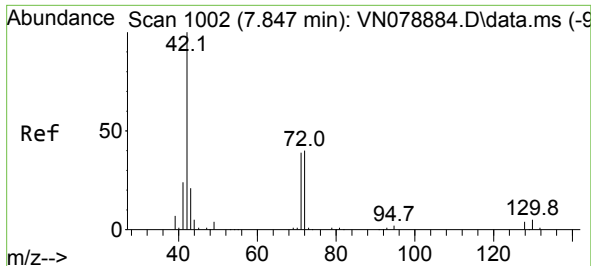
Tgt Ion: 96 Resp: 42225
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 255.2
 98 63.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.286 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079289.D
 Acq: 18 Sep 2023 16:32

Tgt Ion: 49 Resp: 28132
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 66.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 114.577 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

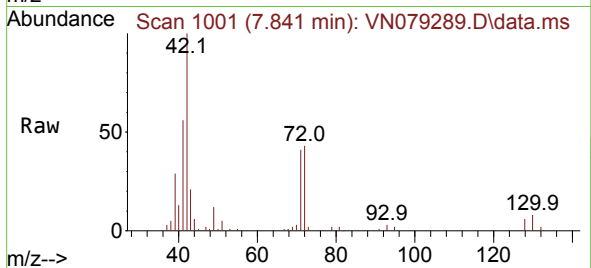
Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :



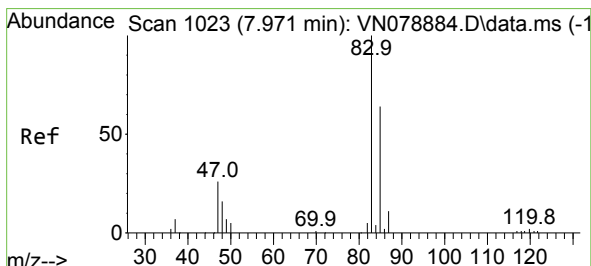
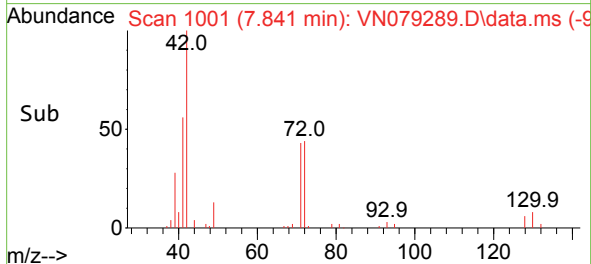
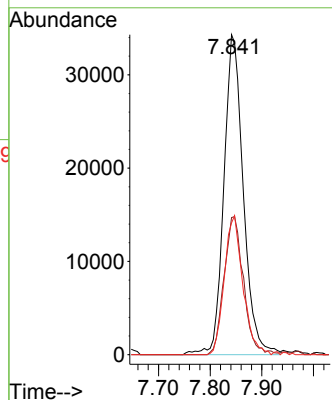
Tgt Ion: 42 Resp: 89680

Ion Ratio Lower Upper

42 100

72 43.1 49.8 74.6#

71 41.6 47.4 71.2#



#30

Chloroform

Concen: 21.608 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079289.D

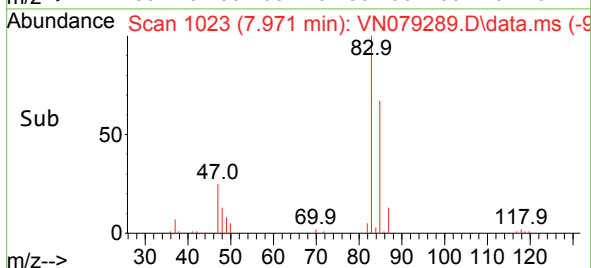
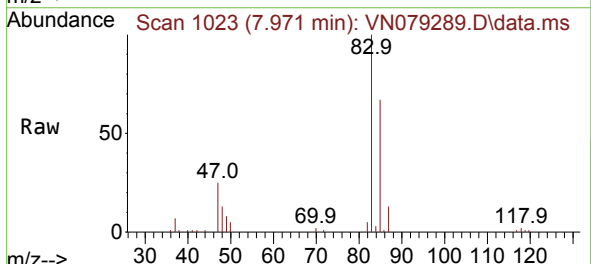
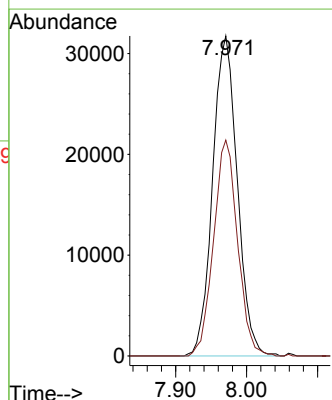
Acq: 18 Sep 2023 16:32

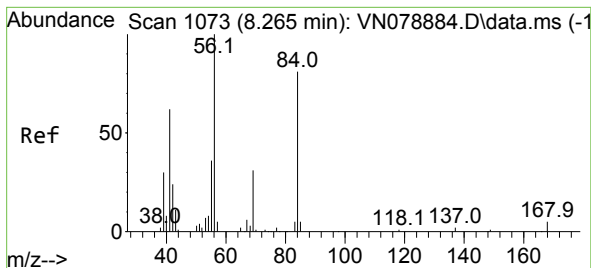
Tgt Ion: 83 Resp: 76549

Ion Ratio Lower Upper

83 100

85 67.4 55.4 83.0





#31

Cyclohexane

Concen: 17.988 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

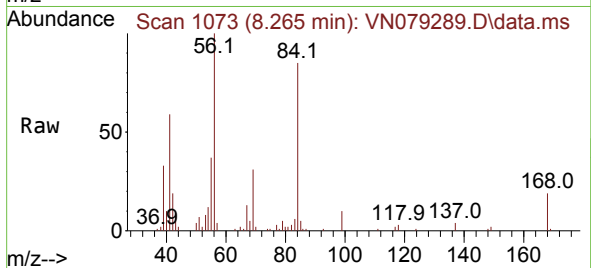
Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :



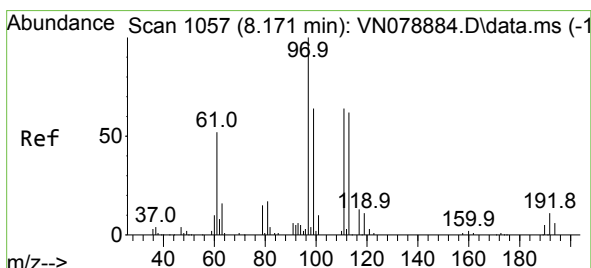
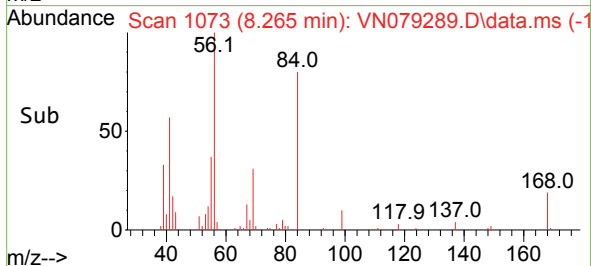
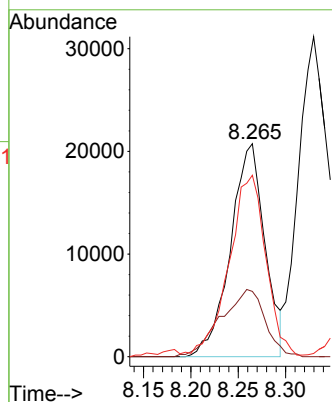
Tgt Ion: 56 Resp: 52425

Ion Ratio Lower Upper

56 100

69 29.5 26.8 40.2

84 83.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 20.091 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

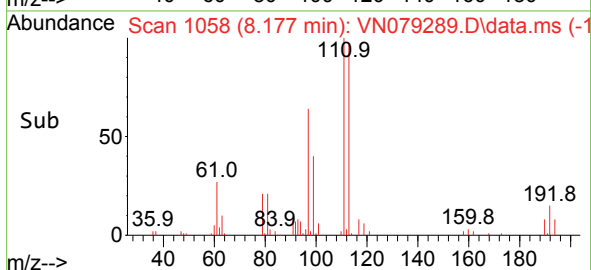
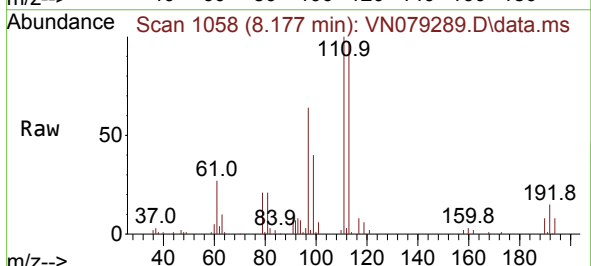
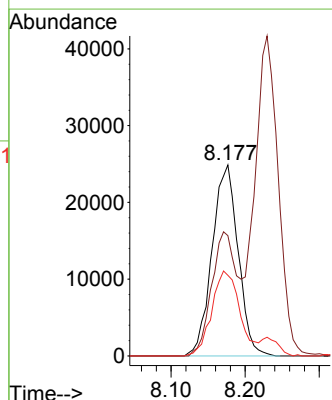
Tgt Ion: 97 Resp: 60672

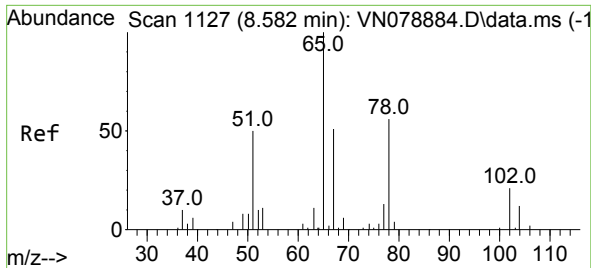
Ion Ratio Lower Upper

97 100

99 63.0 50.3 75.5

61 48.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 60.571 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

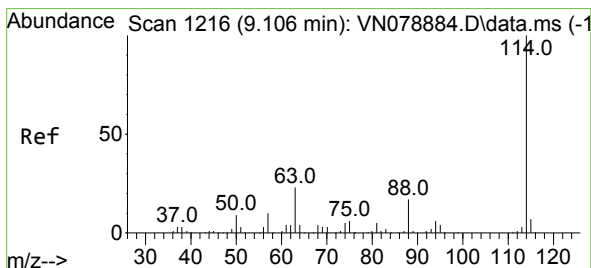
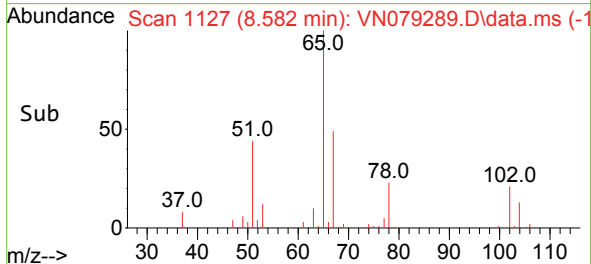
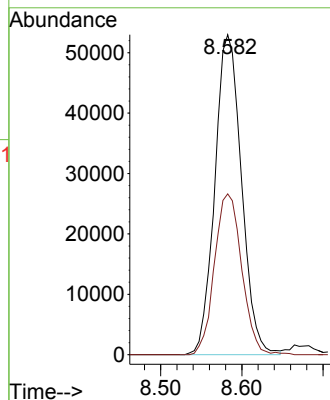
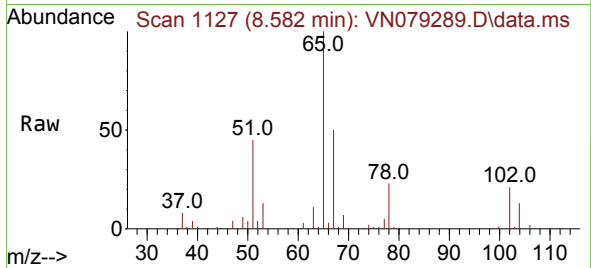
ClientSampleId :

Tgt Ion: 65 Resp: 120897

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

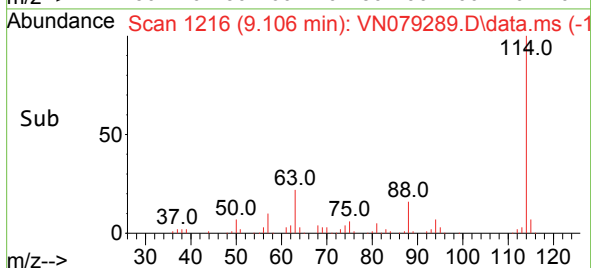
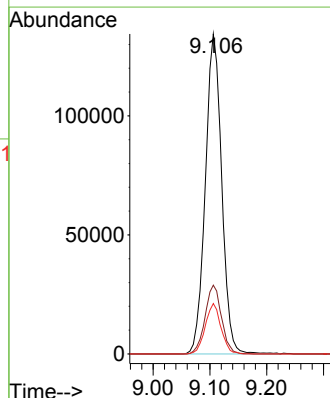
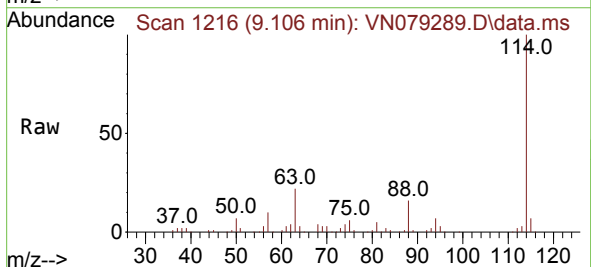
Tgt Ion: 114 Resp: 268422

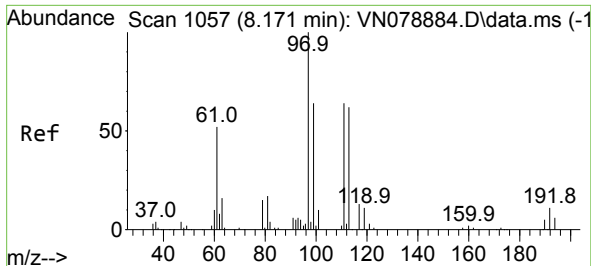
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

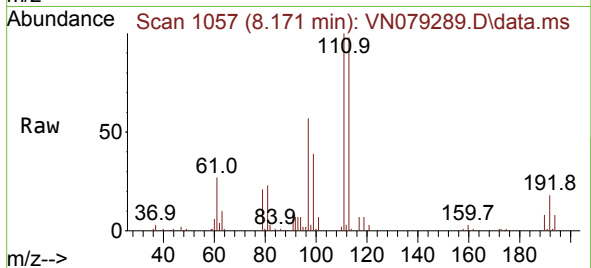
88 15.7 0.0 30.6



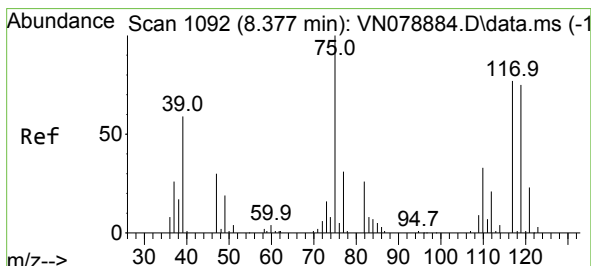
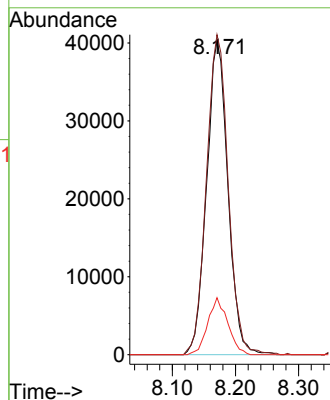
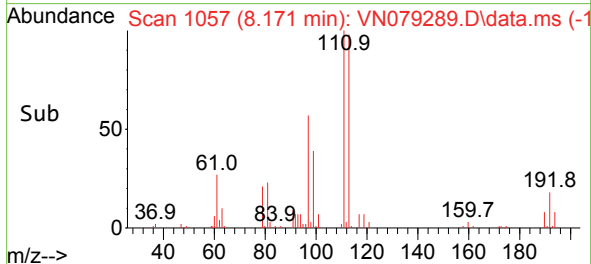


#35
Dibromofluoromethane
Concen: 52.862 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

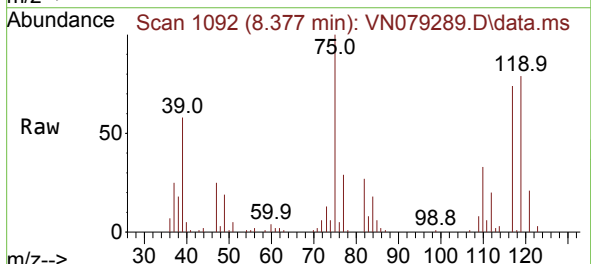
Instrument :
MSVOA_N
ClientSampleId :



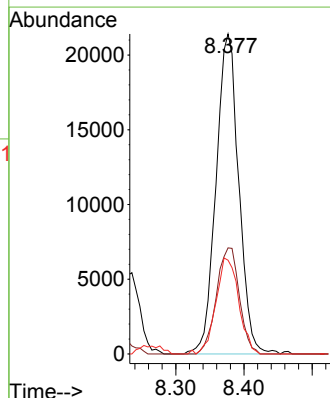
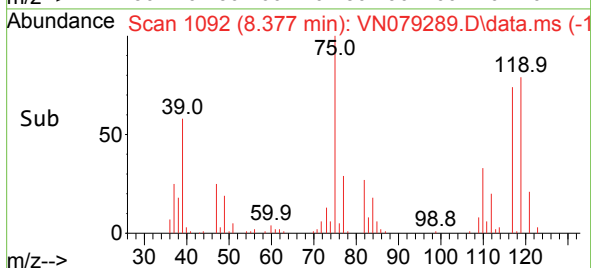
Tgt Ion:113 Resp: 94384
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 17.0 12.7 19.1

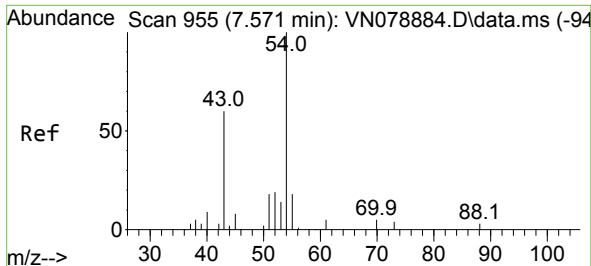


#36
1,1-Dichloropropene
Concen: 18.026 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32



Tgt Ion: 75 Resp: 49609
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 20.361 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079289.D

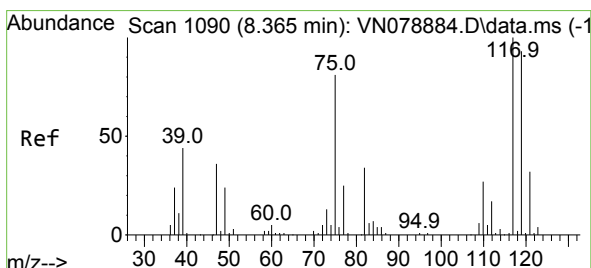
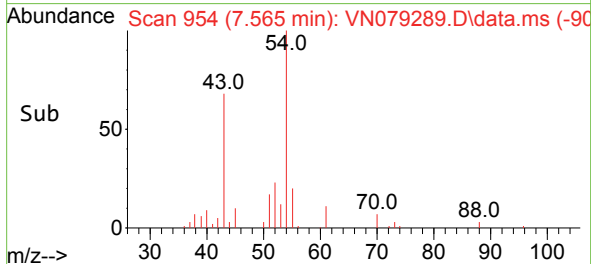
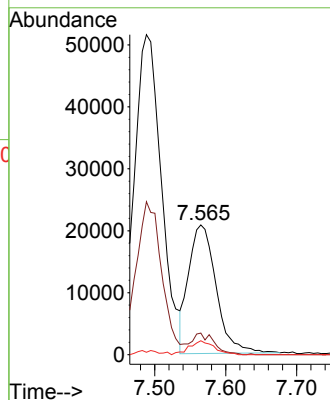
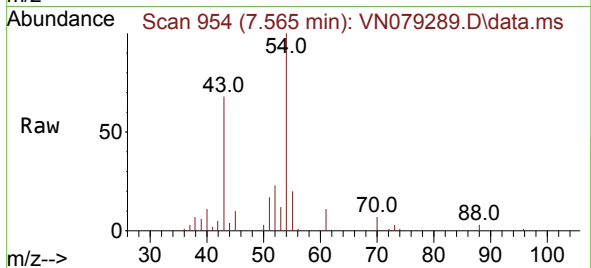
Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	55891
Ion Ratio	Lower	Upper	
43	100		
61	13.8	13.2	19.8
70	9.6	11.3	16.9



#38

Carbon Tetrachloride

Concen: 17.668 ug/l

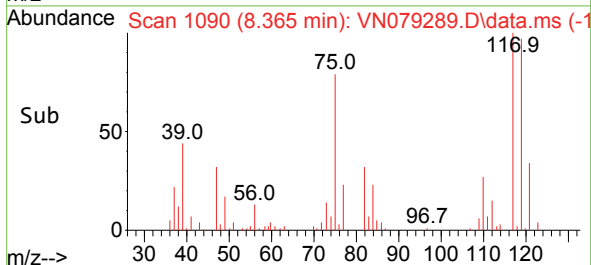
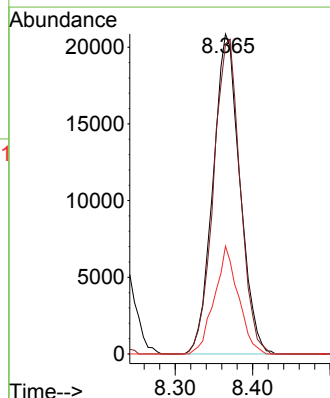
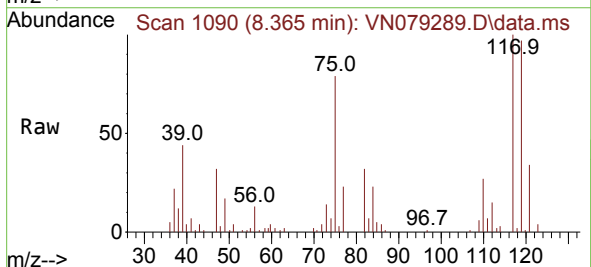
RT: 8.365 min Scan# 1090

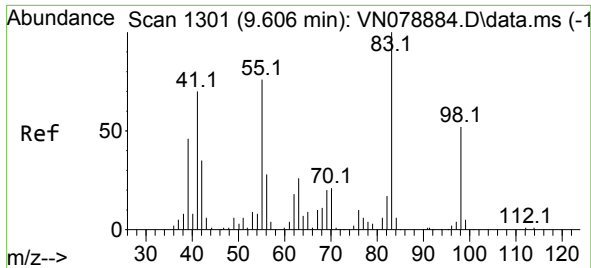
Delta R.T. -0.006 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Tgt Ion:	117	Resp:	50319
Ion Ratio	Lower	Upper	
117	100		
119	96.9	77.3	115.9
121	33.7	23.3	34.9

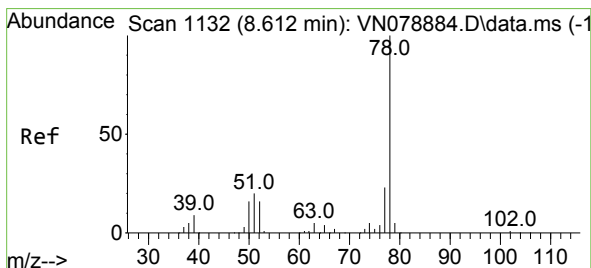
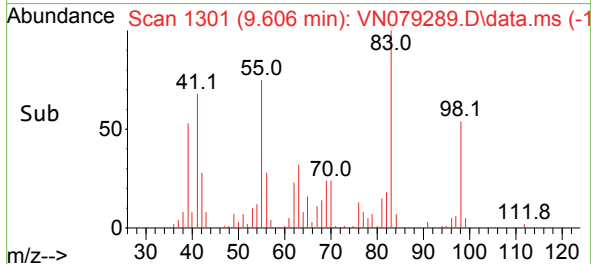
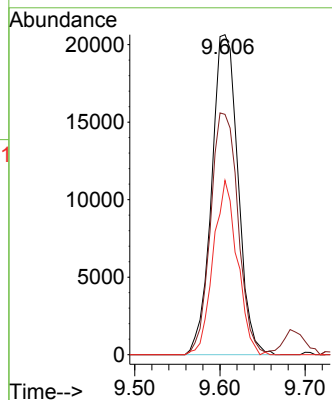
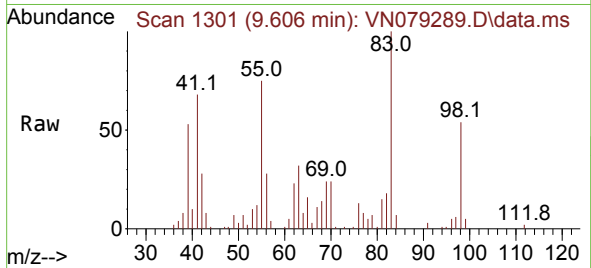




#39
Methylcyclohexane
Concen: 16.344 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

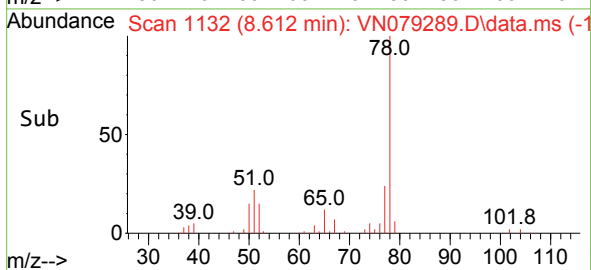
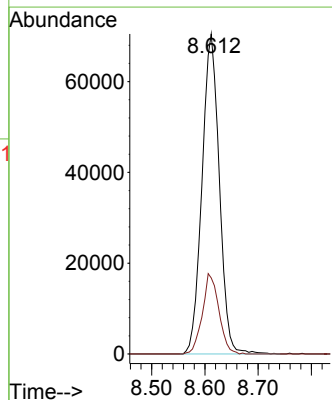
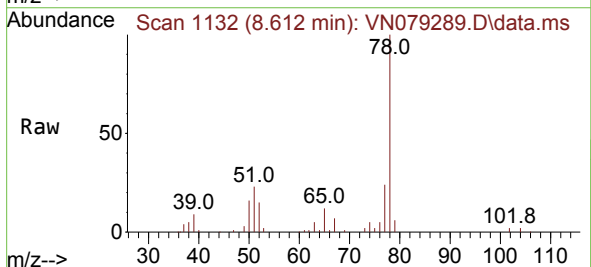
Instrument :
MSVOA_N
ClientSampleId :

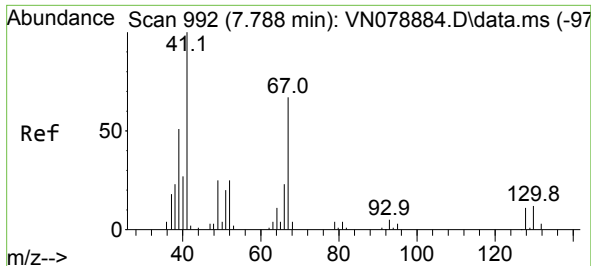
Tgt Ion: 83 Resp: 44369
Ion Ratio Lower Upper
83 100
55 75.1 49.1 73.7#
98 54.5 40.6 61.0



#40
Benzene
Concen: 18.894 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 78 Resp: 159184
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

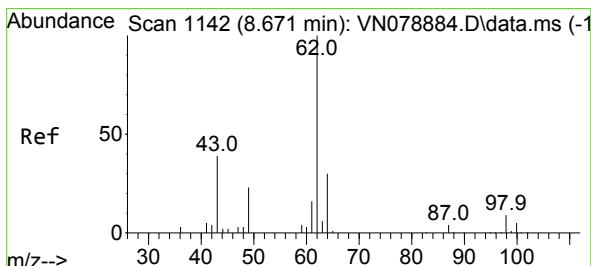
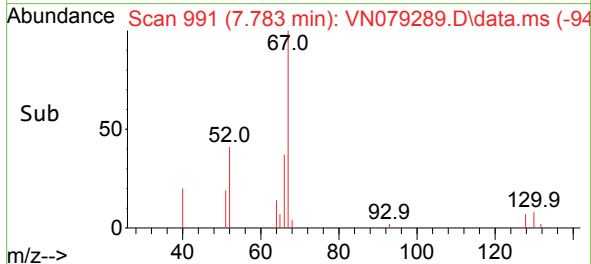
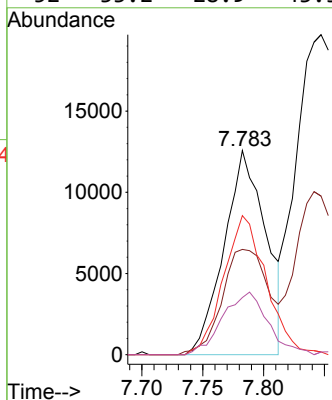
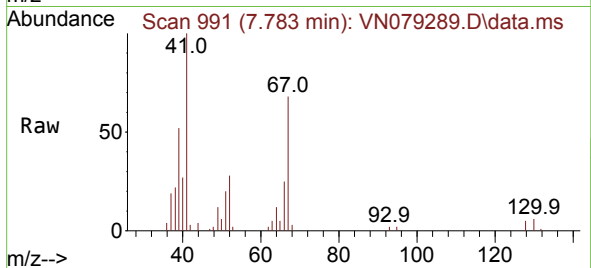




#41
Methacrylonitrile
Concen: 21.641 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

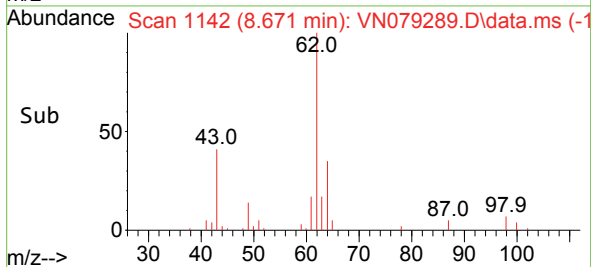
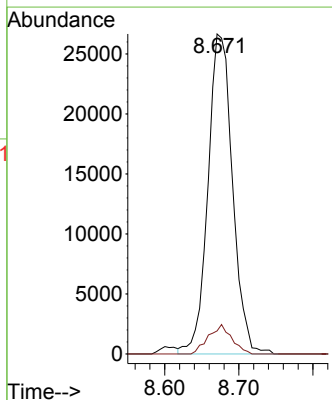
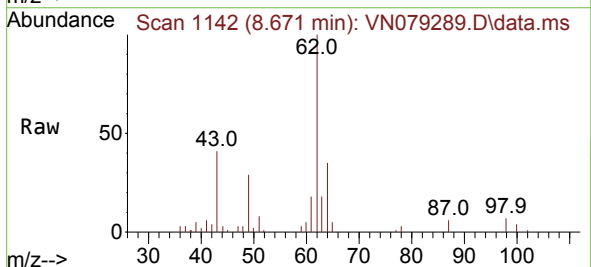
Instrument :
MSVOA_N
ClientSampleId :

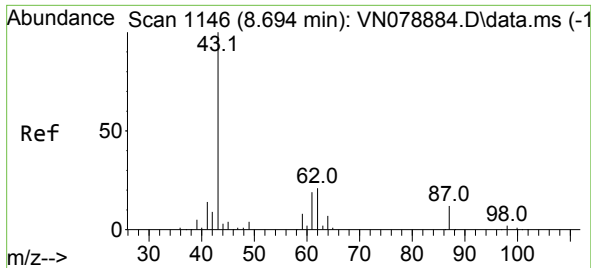
Tgt Ion:	41	Resp:	29952
Ion	Ratio	Lower	Upper
41	100		
39	57.3	42.6	64.0
67	69.7	77.5	116.3
52	33.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.195 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion:	62	Resp:	61473
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.8

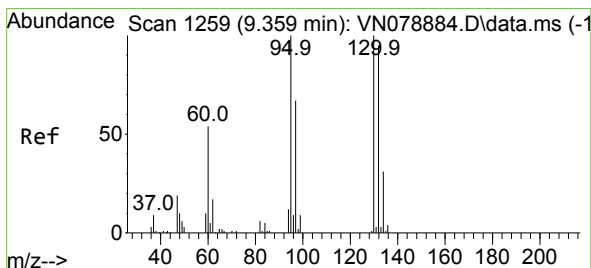
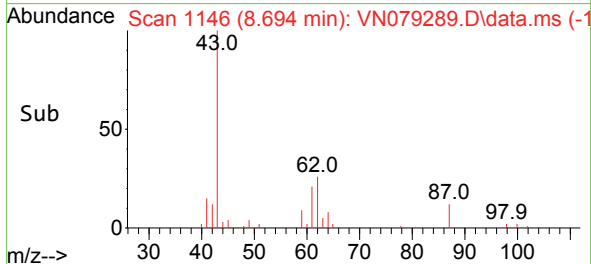
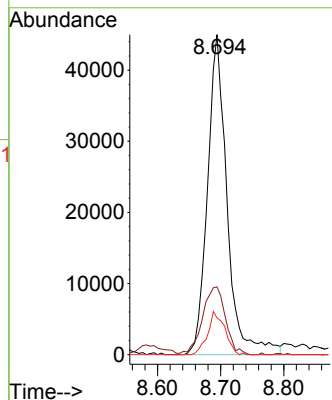
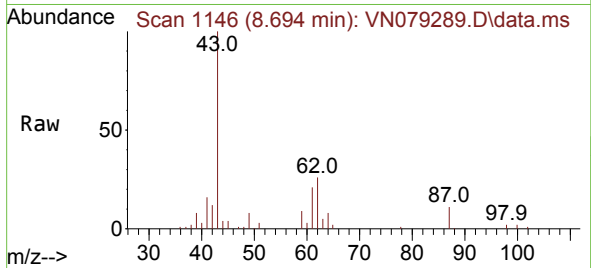




#43
Isopropyl Acetate
Concen: 21.660 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

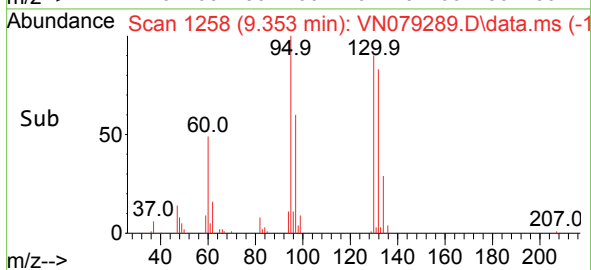
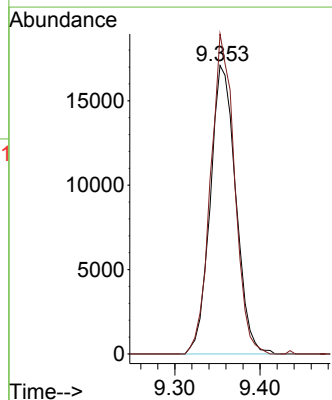
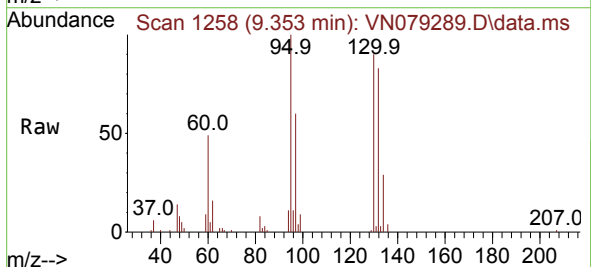
Instrument :
MSVOA_N
ClientSampleId :

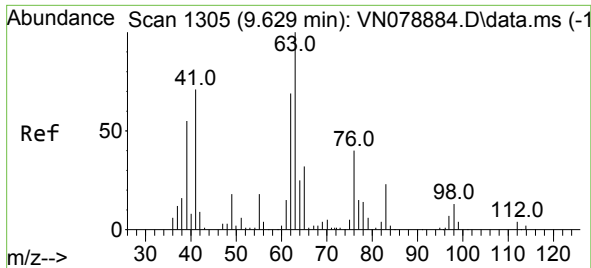
Tgt Ion: 43 Resp: 97014
Ion Ratio Lower Upper
43 100
61 24.8 24.7 37.1
87 11.8 14.6 21.8#



#44
Trichloroethene
Concen: 17.147 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

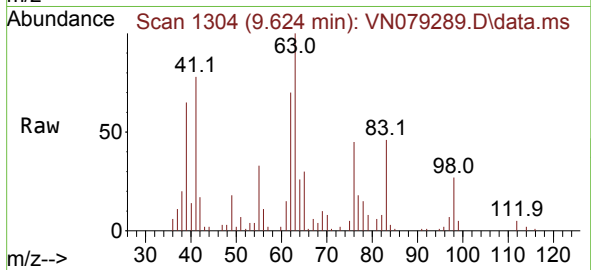
Tgt Ion:130 Resp: 35587
Ion Ratio Lower Upper
130 100
95 111.0 0.0 204.6



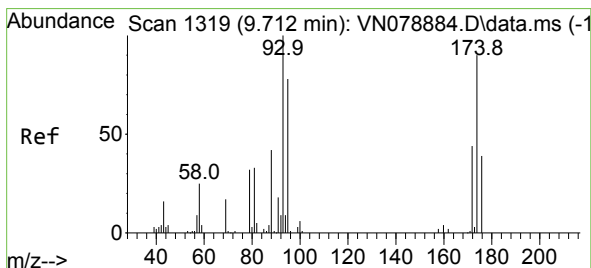
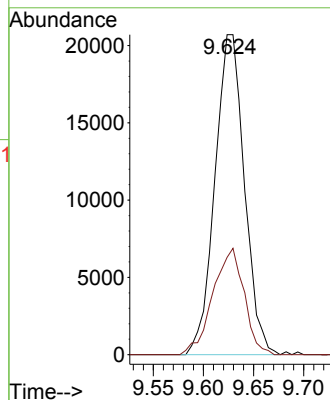
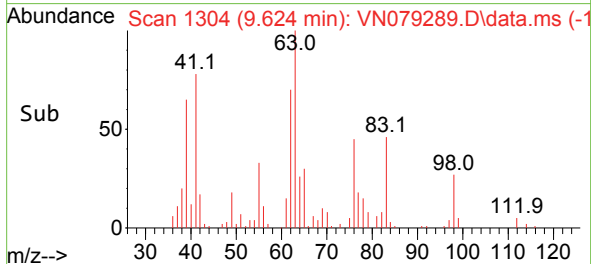


#45
1,2-Dichloropropane
Concen: 20.261 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :

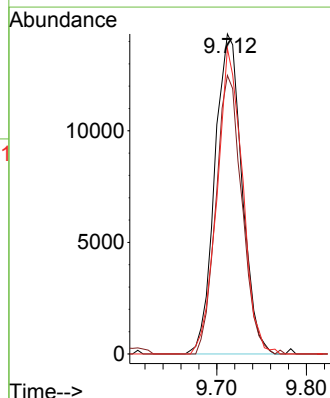
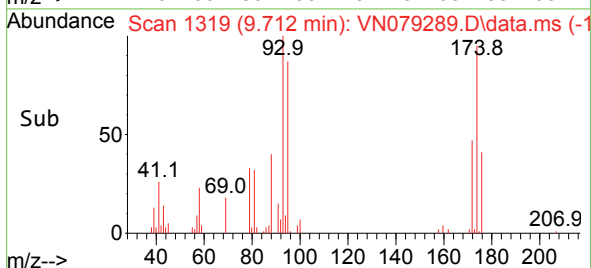
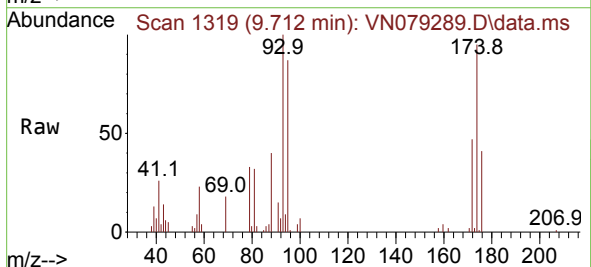


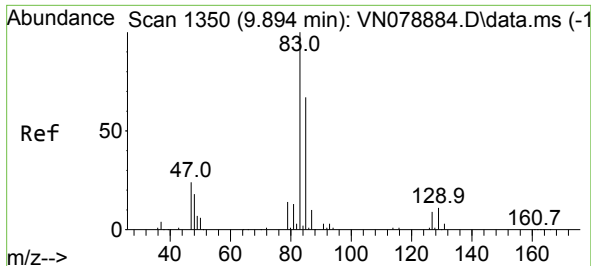
Tgt Ion: 63 Resp: 42364
Ion Ratio Lower Upper
63 100
65 30.4 23.9 35.9



#46
Dibromomethane
Concen: 21.244 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 93 Resp: 30153
Ion Ratio Lower Upper
93 100
95 83.4 63.8 95.8
174 89.5 65.6 98.4

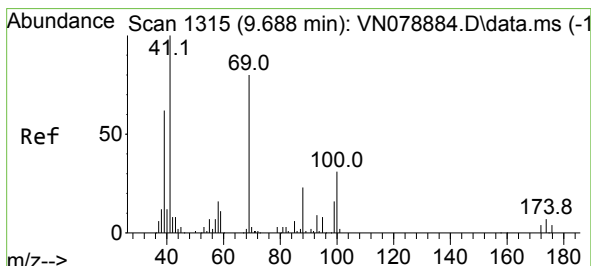
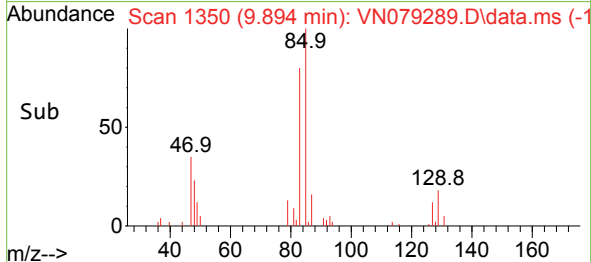
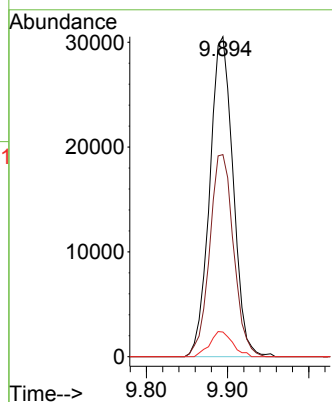
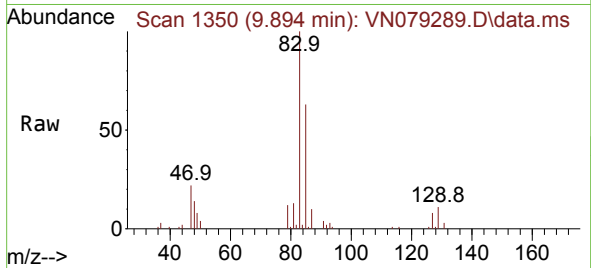




#47
Bromodichloromethane
Concen: 21.010 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

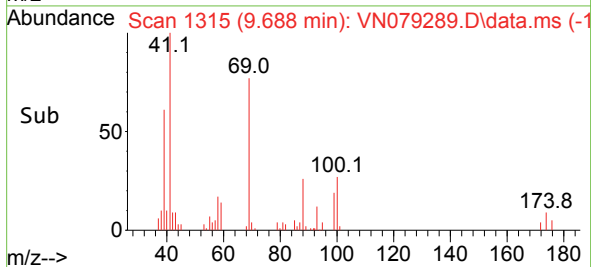
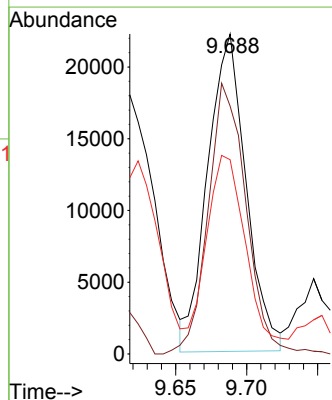
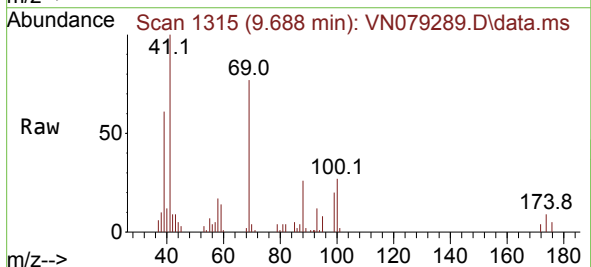
Instrument :
MSVOA_N
ClientSampleId :

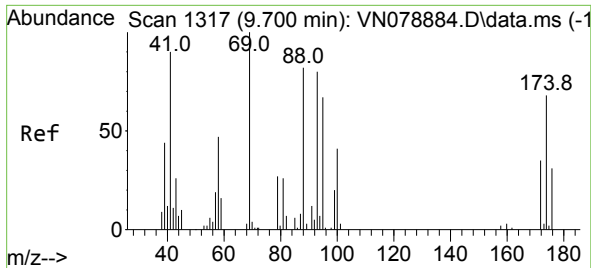
Tgt Ion: 83 Resp: 61082
Ion Ratio Lower Upper
83 100
85 63.2 49.6 74.4
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 20.698 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 41 Resp: 41526
Ion Ratio Lower Upper
41 100
69 84.6 90.4 135.6#
39 64.9 54.6 81.8





#49

1,4-Dioxane

Concen: 395.664 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

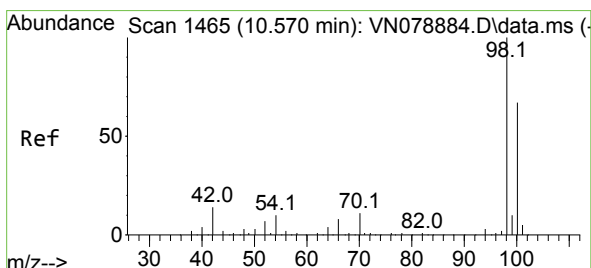
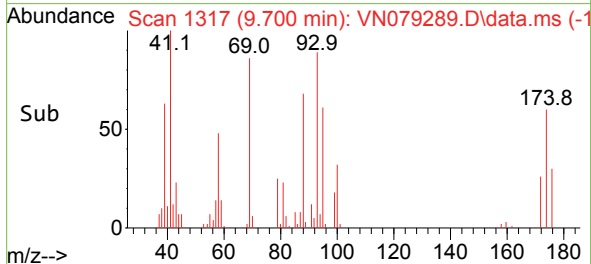
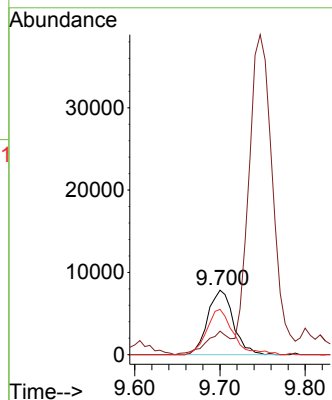
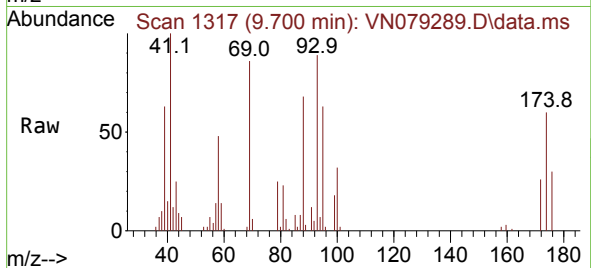
Tgt Ion: 88 Resp: 16327

Ion Ratio Lower Upper

88 100

43 32.3 17.0 25.6#

58 73.0 47.0 70.4#



#50

Toluene-d8

Concen: 51.535 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079289.D

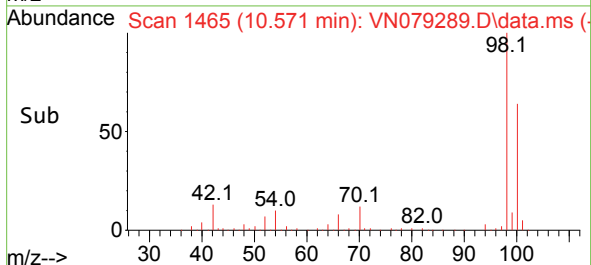
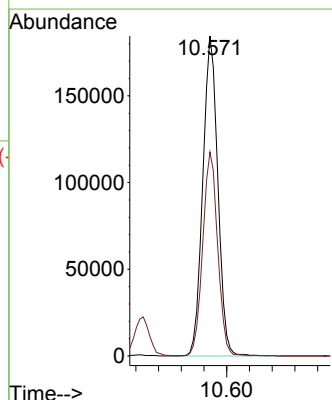
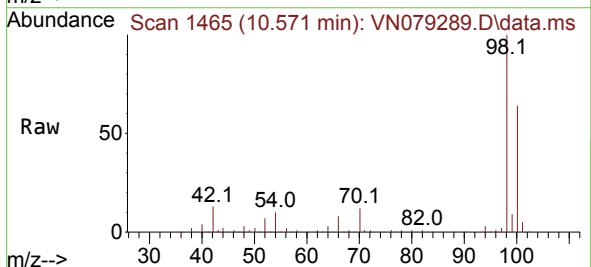
Acq: 18 Sep 2023 16:32

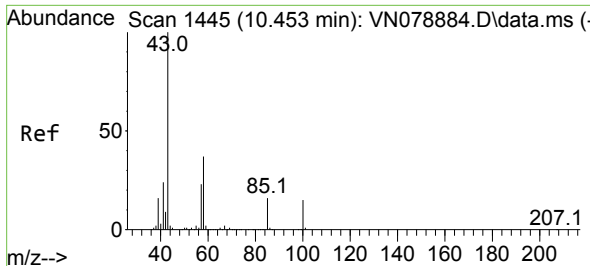
Tgt Ion: 98 Resp: 337866

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

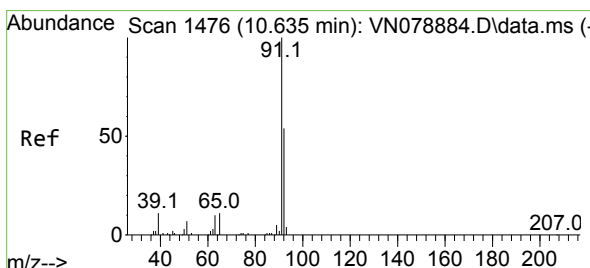
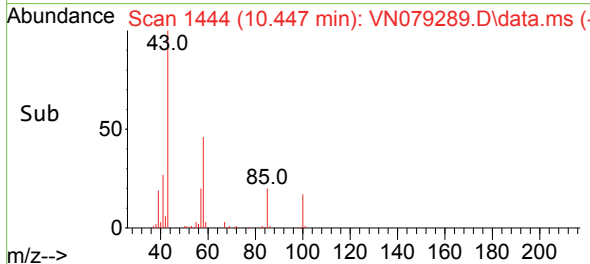
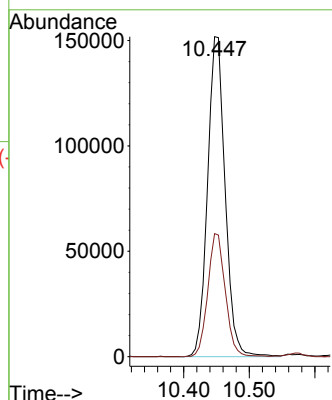
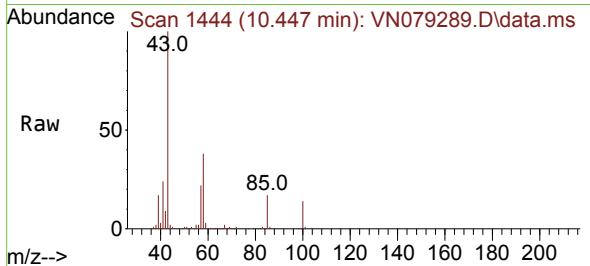




#51
4-Methyl-2-Pentanone
Concen: 108.880 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

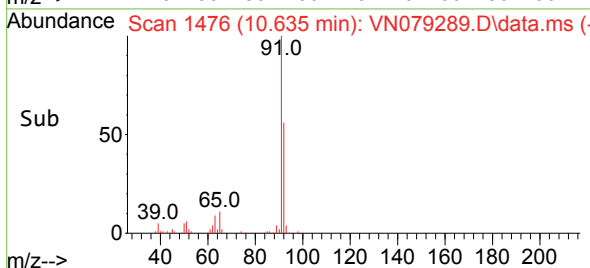
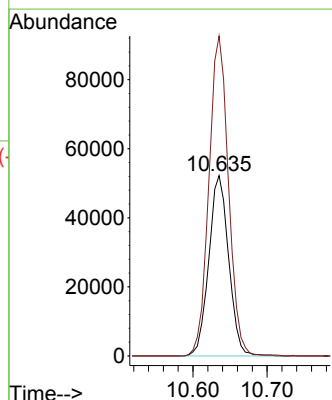
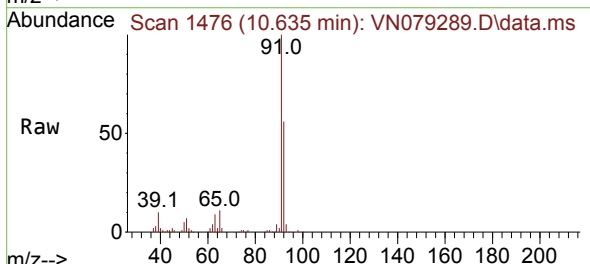
Instrument :
MSVOA_N
ClientSampleId :

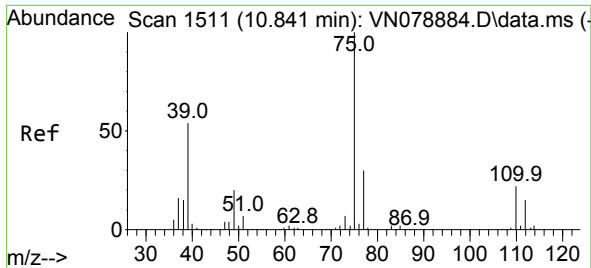
Tgt Ion: 43 Resp: 283092
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8



#52
Toluene
Concen: 18.771 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 92 Resp: 97188
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0

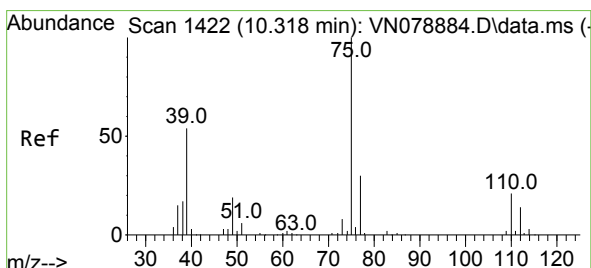
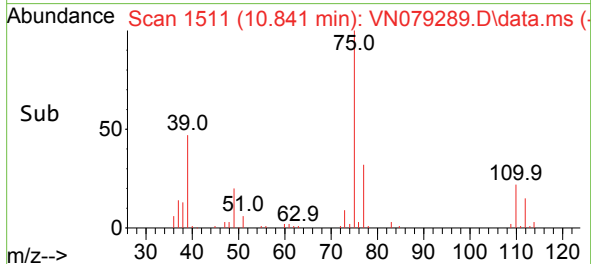
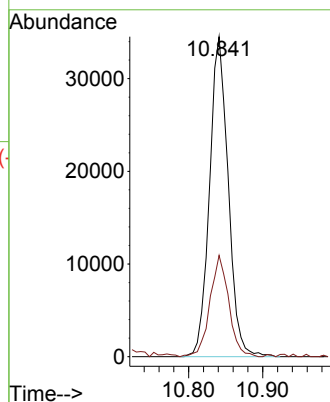
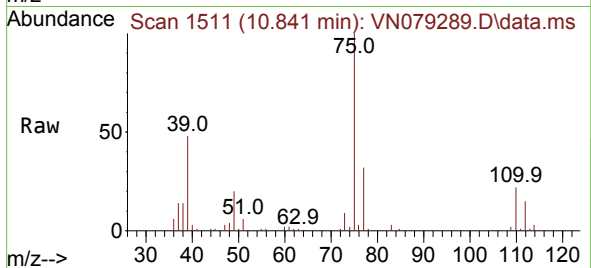




#53
 t-1,3-Dichloropropene
 Concen: 19.734 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079289.D
 Acq: 18 Sep 2023 16:32

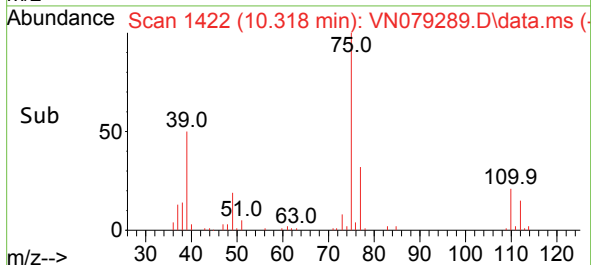
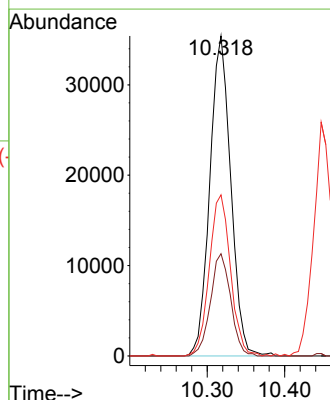
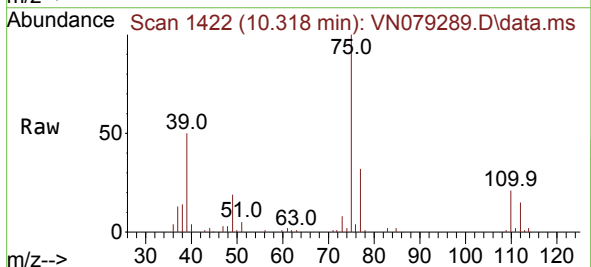
Instrument :
 MSVOA_N
 ClientSampleId :

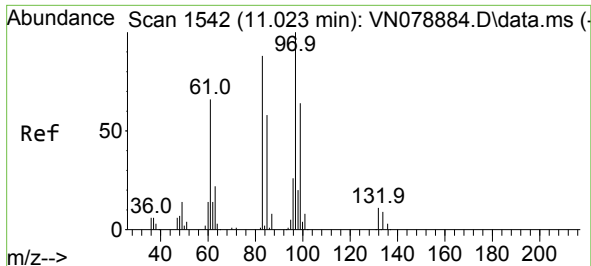
Tgt Ion: 75 Resp: 60494
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.284 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079289.D
 Acq: 18 Sep 2023 16:32

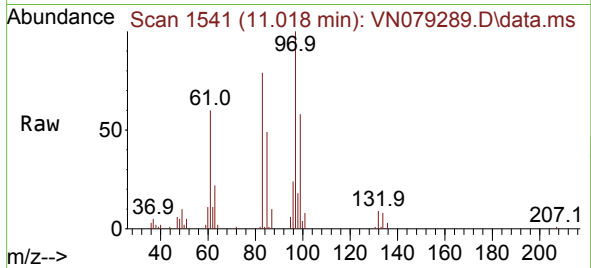
Tgt Ion: 75 Resp: 66507
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.1 39.1
 39 50.3 31.6 47.4#



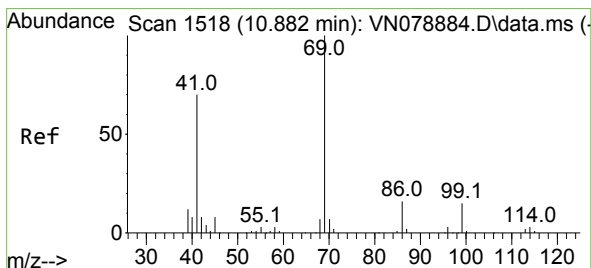
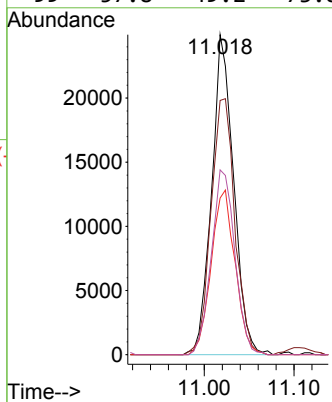
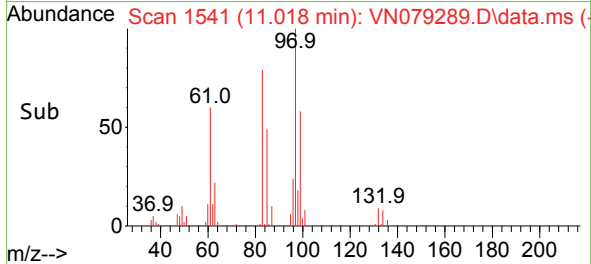


#55
1,1,2-Trichloroethane
Concen: 20.846 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :

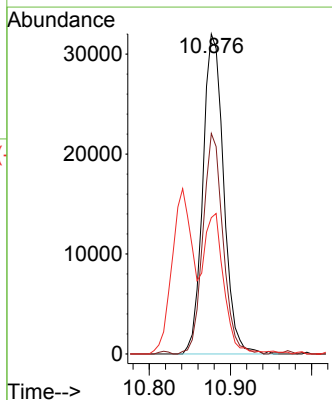
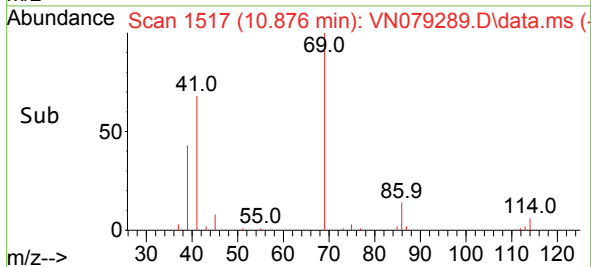
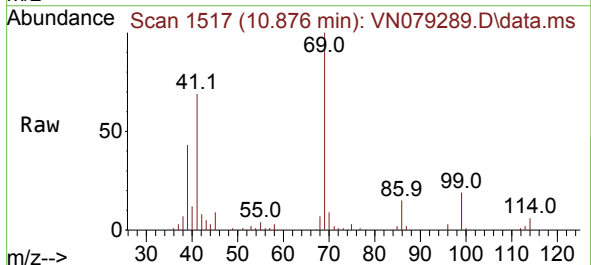


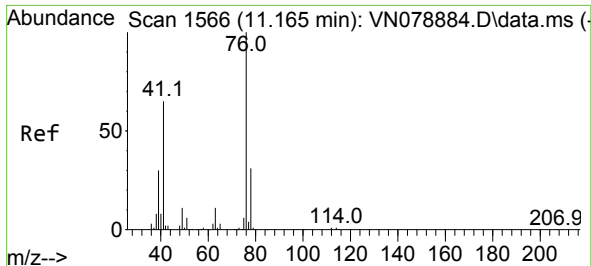
Tgt Ion: 97 Resp: 42350
Ion Ratio Lower Upper
97 100
83 79.5 65.1 97.7
85 48.9 43.4 65.2
99 57.8 49.2 73.8



#56
Ethyl methacrylate
Concen: 19.826 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 69 Resp: 56859
Ion Ratio Lower Upper
69 100
41 66.7 39.6 59.4#
39 41.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.552 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

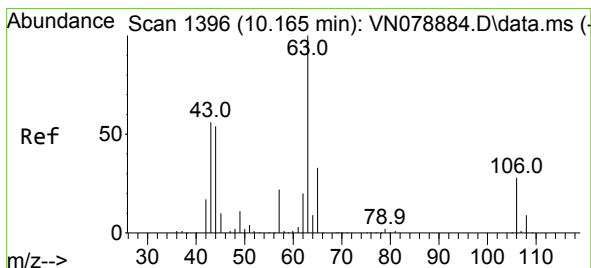
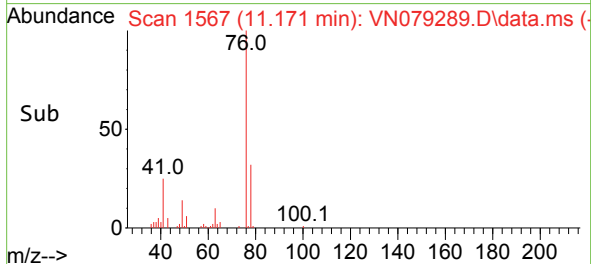
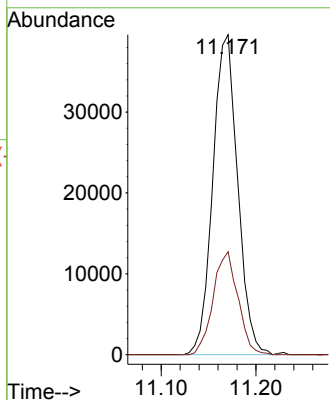
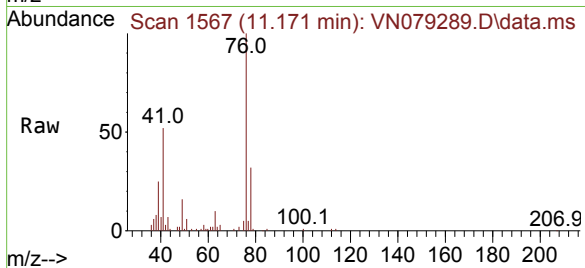
ClientSampleId :

Tgt Ion: 76 Resp: 72178

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 100.317 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079289.D

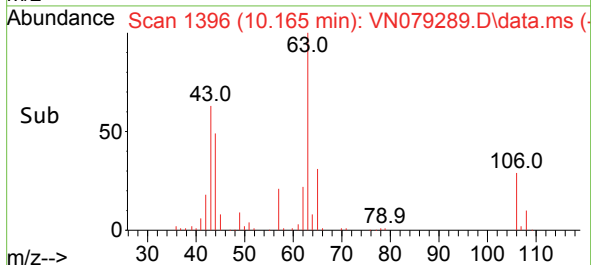
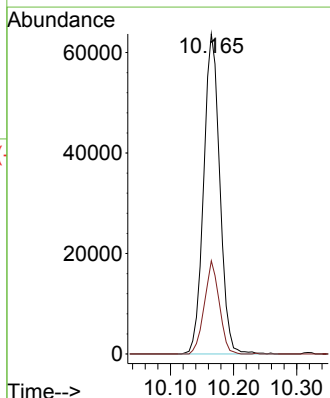
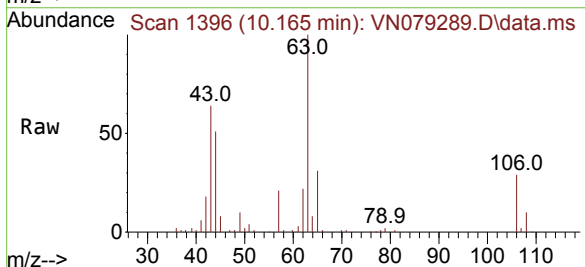
Acq: 18 Sep 2023 16:32

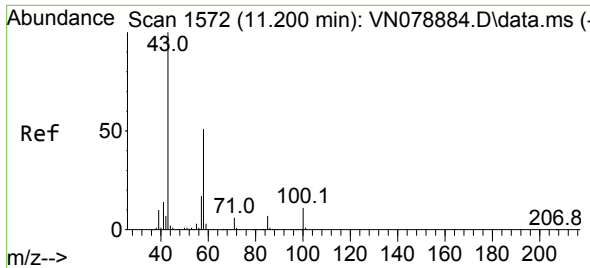
Tgt Ion: 63 Resp: 112939

Ion Ratio Lower Upper

63 100

106 26.8 26.2 39.4

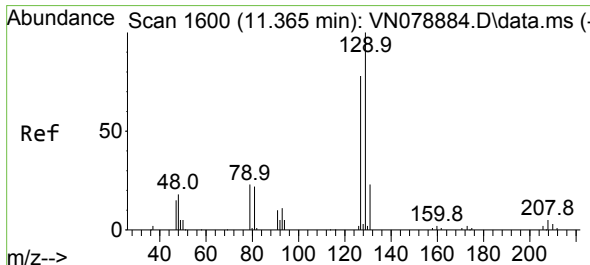
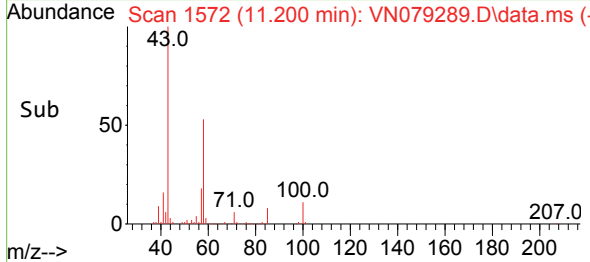
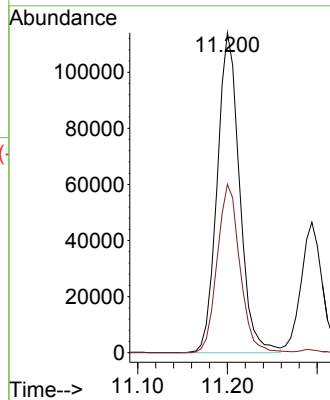
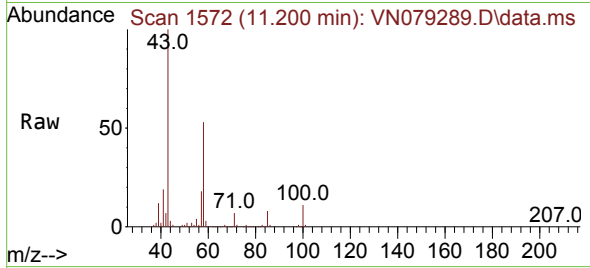




#59
2-Hexanone
Concen: 104.915 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

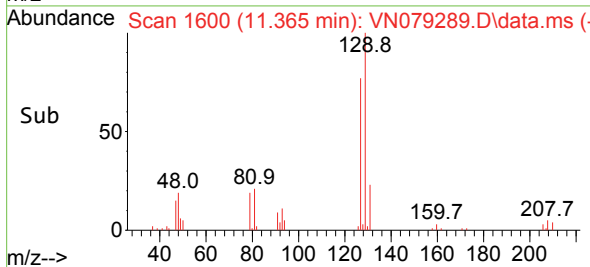
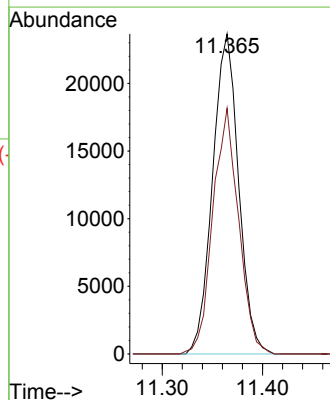
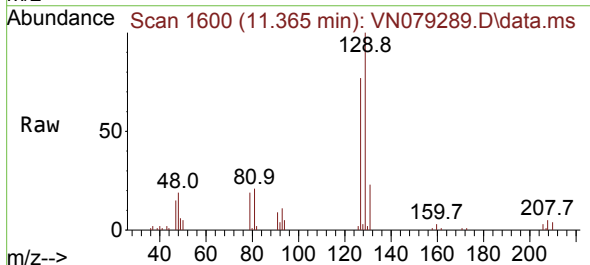
Instrument :
MSVOA_N
ClientSampleId :

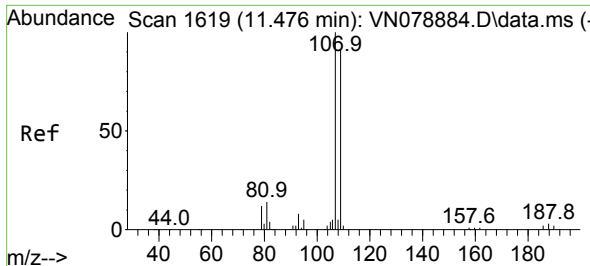
Tgt Ion: 43 Resp: 197573
Ion Ratio Lower Upper
43 100
58 53.4 31.7 95.1



#60
Dibromochloromethane
Concen: 19.718 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion:129 Resp: 42633
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0

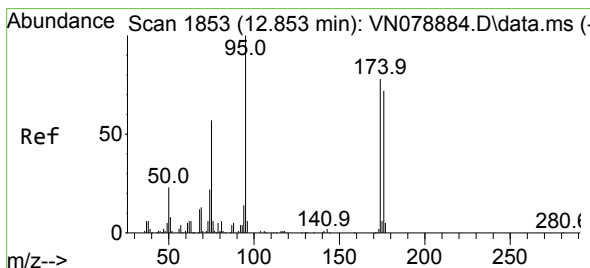
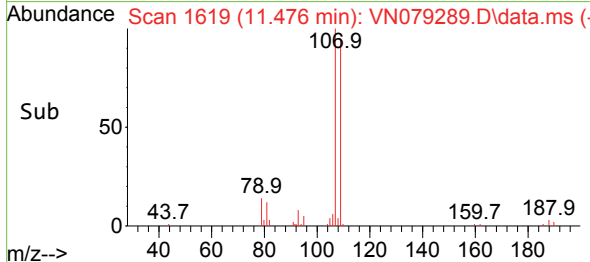
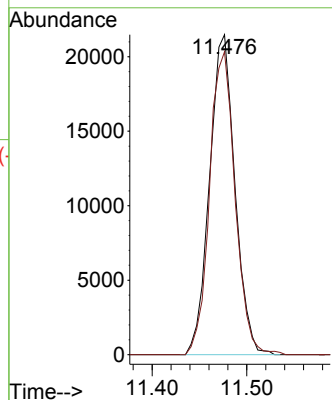
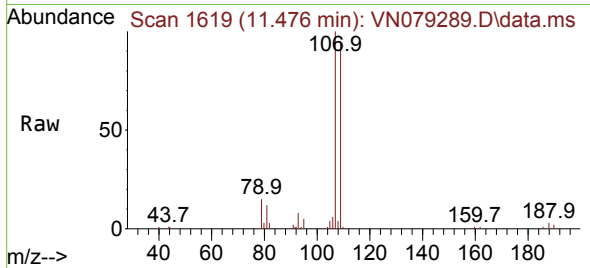




#61
1,2-Dibromoethane
Concen: 19.717 ug/l
RT: 11.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

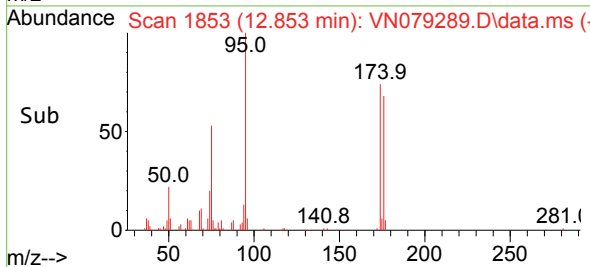
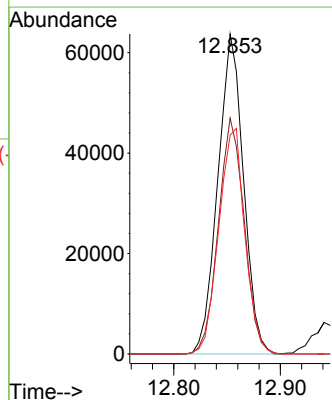
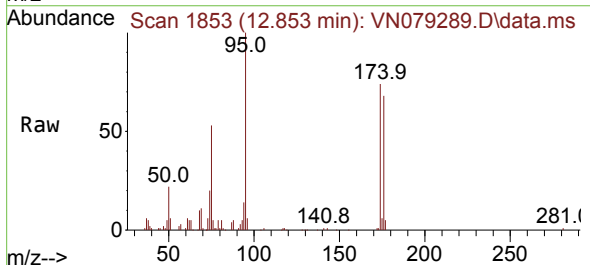
Instrument :
MSVOA_N
ClientSampleId :

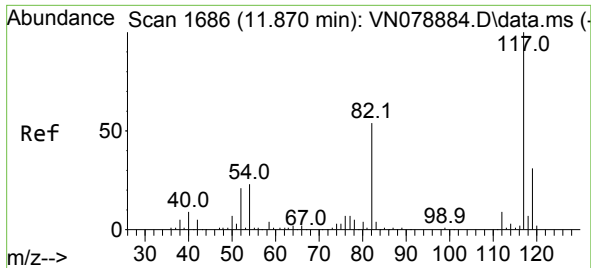
Tgt Ion:107 Resp: 39975
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.870 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 95 Resp: 106382
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.9 0.0 135.8

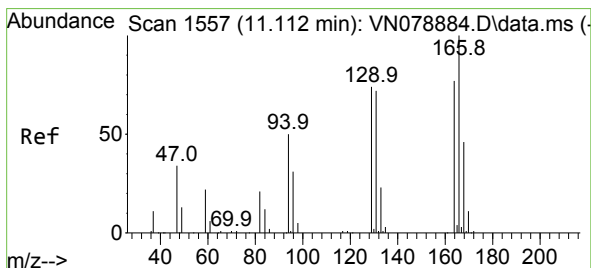
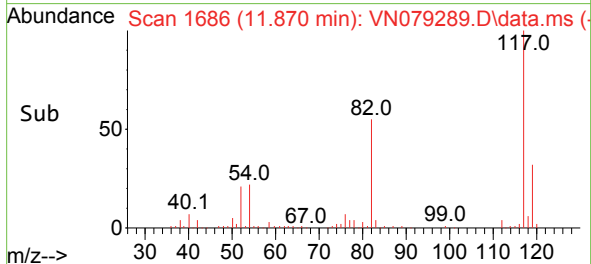
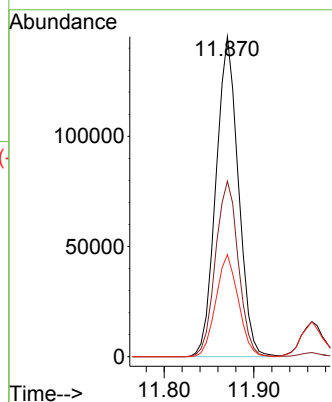
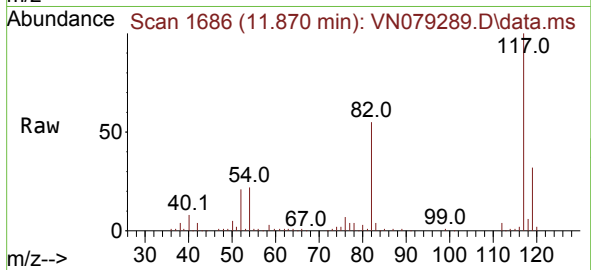




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

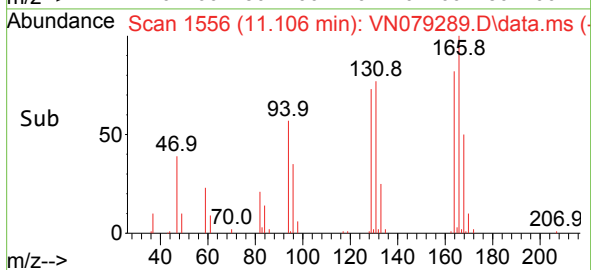
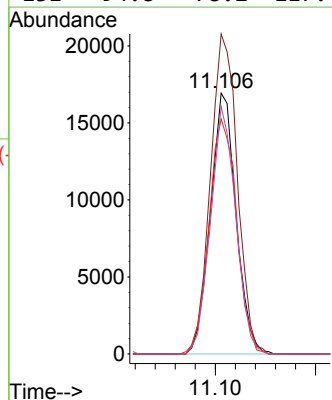
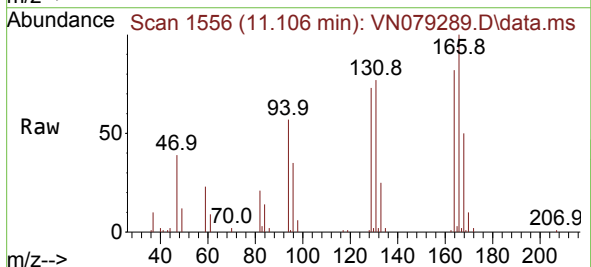
Instrument :
MSVOA_N
ClientSampleId :

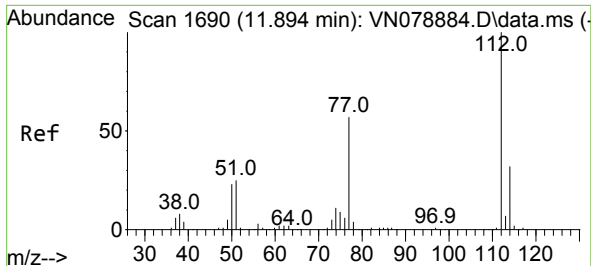
Tgt Ion:117 Resp: 251422
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 16.445 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion:164 Resp: 30149
Ion Ratio Lower Upper
164 100
166 122.7 101.4 152.0
129 90.1 82.4 123.6
131 94.8 78.2 117.4

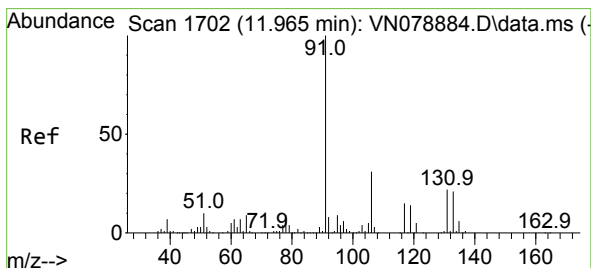
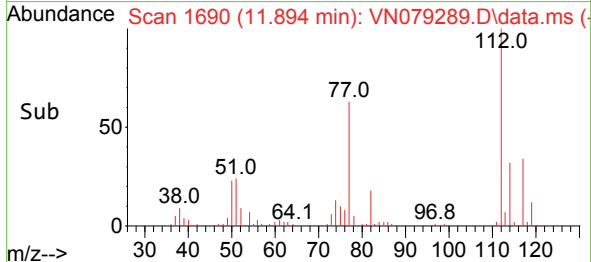
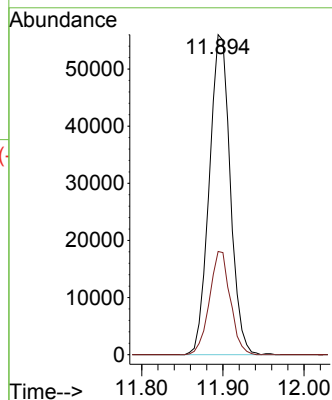
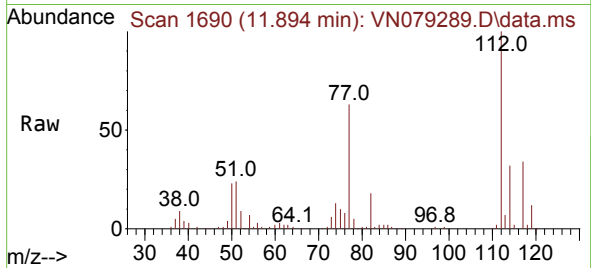




#65
Chlorobenzene
Concen: 17.632 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

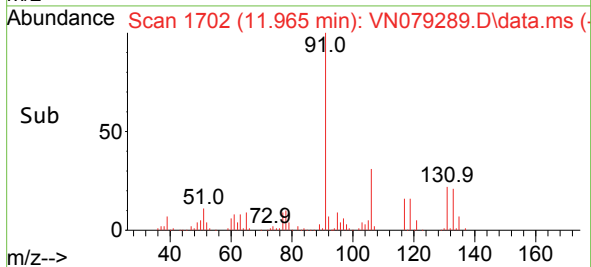
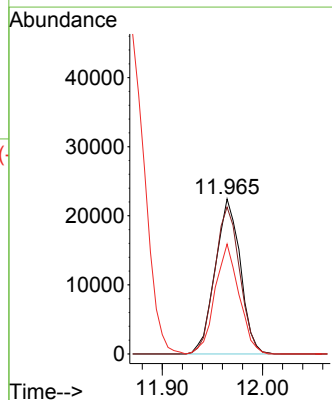
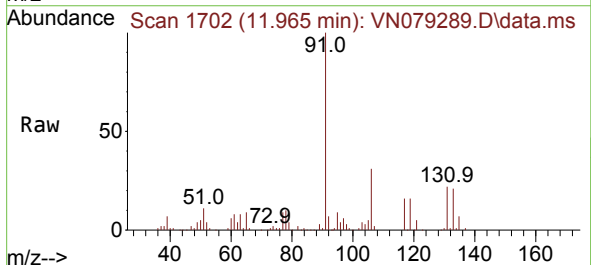
Instrument :
MSVOA_N
ClientSampleId :

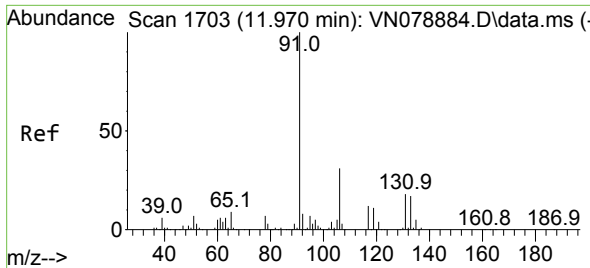
Tgt Ion:112 Resp: 100424
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.312 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion:131 Resp: 39110
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 68.0 34.1 102.2

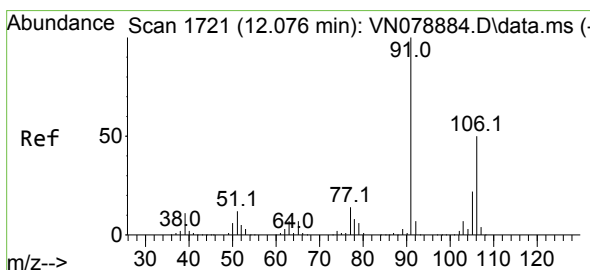
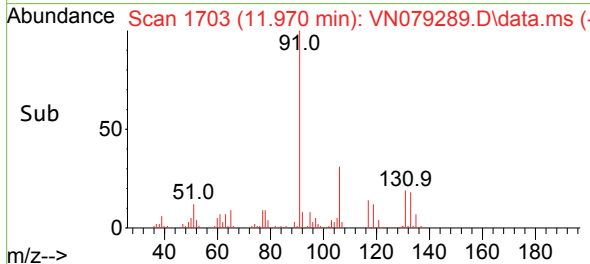
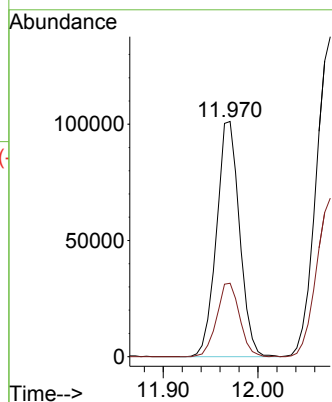
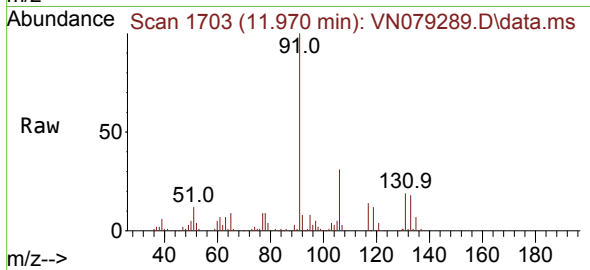




#67
Ethyl Benzene
Concen: 17.548 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

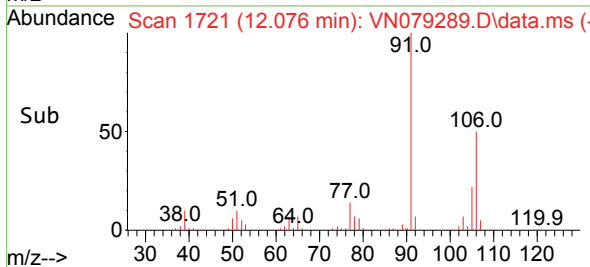
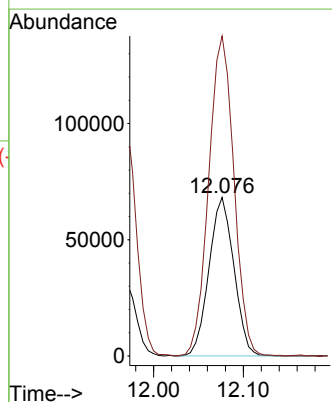
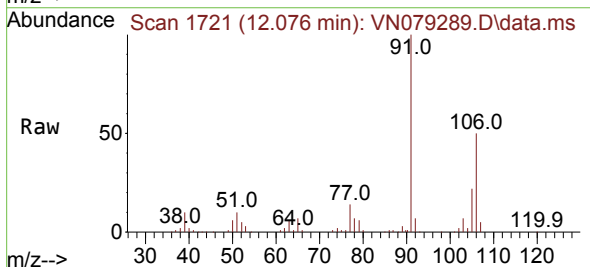
Instrument :
MSVOA_N
ClientSampleId :

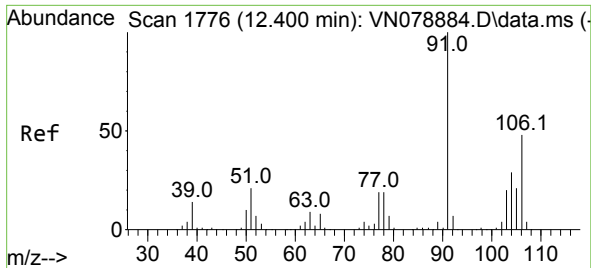
Tgt Ion: 91 Resp: 170958
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 36.184 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion:106 Resp: 131396
Ion Ratio Lower Upper
106 100
91 204.8 159.6 239.4

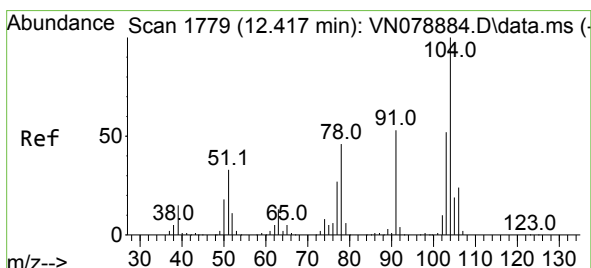
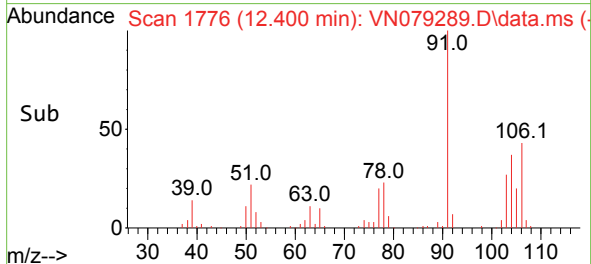
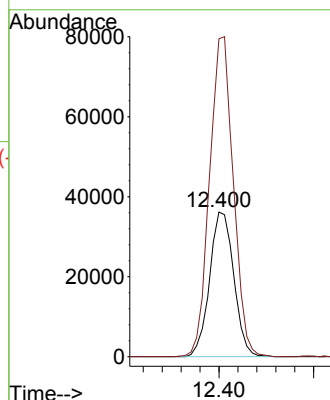
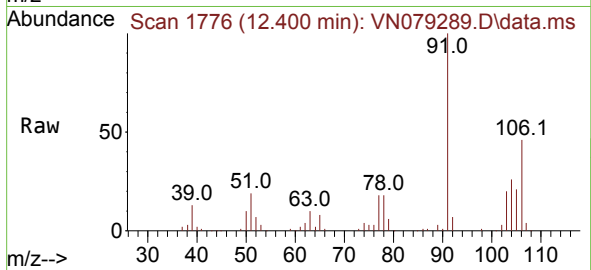




#69
o-Xylene
Concen: 18.428 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

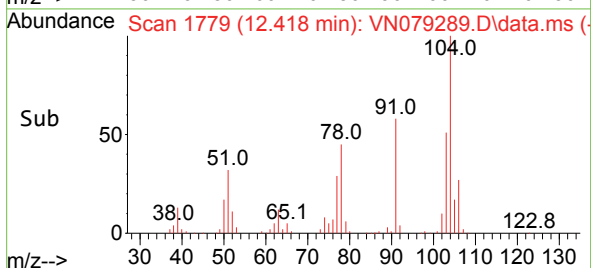
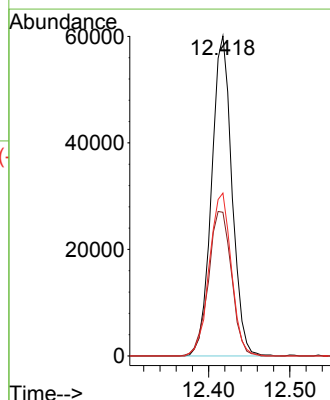
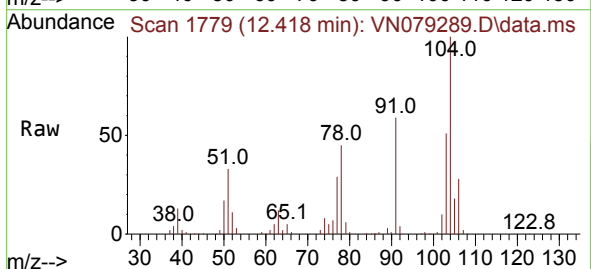
Instrument :
MSVOA_N
ClientSampleId :

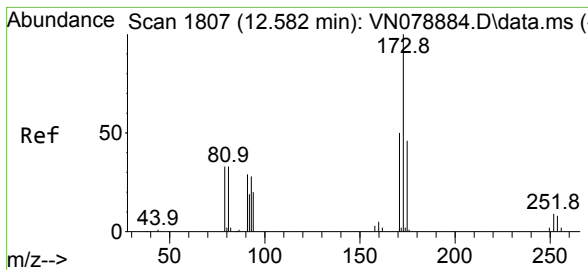
Tgt Ion:106 Resp: 64178
Ion Ratio Lower Upper
106 100
91 217.4 105.2 315.5



#70
Styrene
Concen: 18.708 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion:104 Resp: 104789
Ion Ratio Lower Upper
104 100
78 51.3 39.5 59.3
103 54.8 43.2 64.8

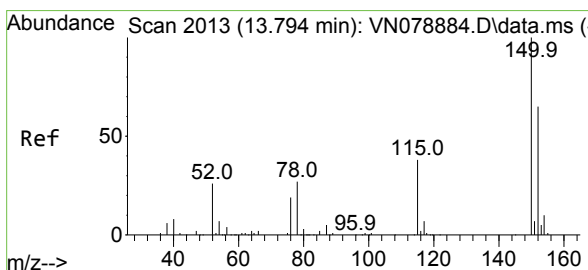
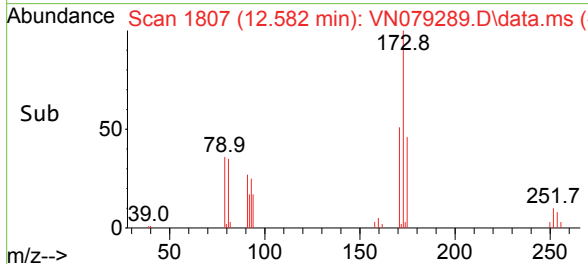
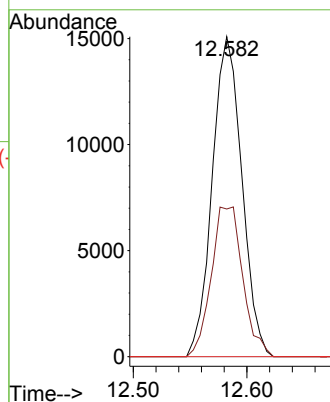
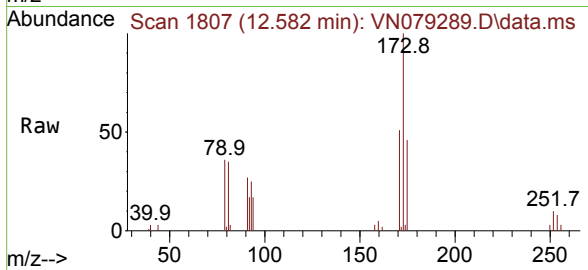




#71
Bromoform
Concen: 17.310 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

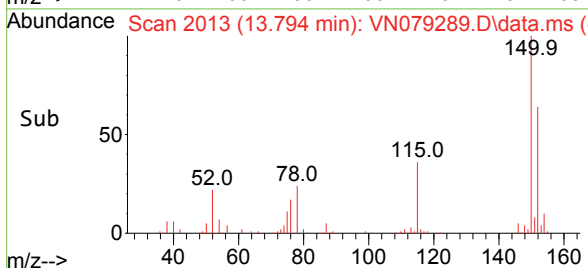
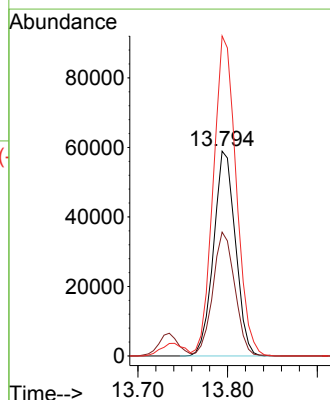
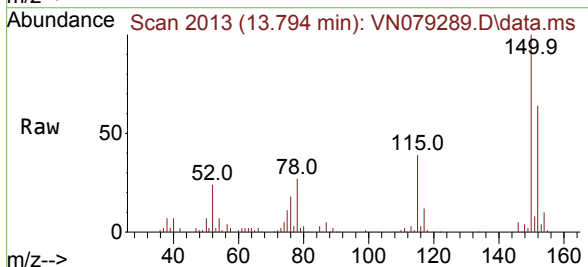
Instrument :
MSVOA_N
ClientSampleId :

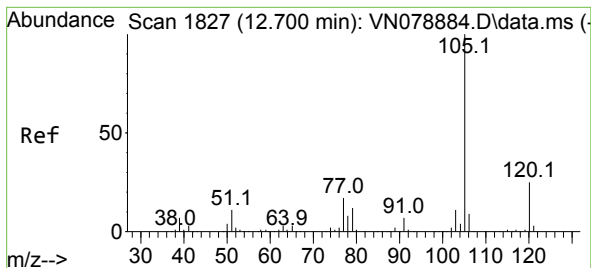
Tgt Ion:173 Resp: 27294
Ion Ratio Lower Upper
173 100
175 49.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion:152 Resp: 99601
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 163.9 0.0 355.8





#73

Isopropylbenzene

Concen: 17.294 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

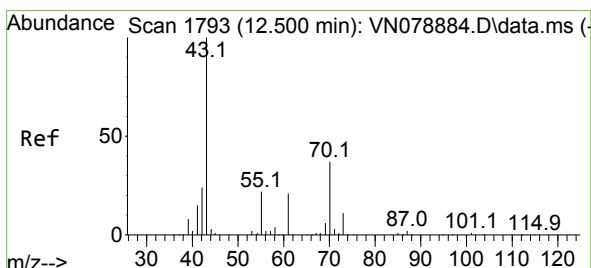
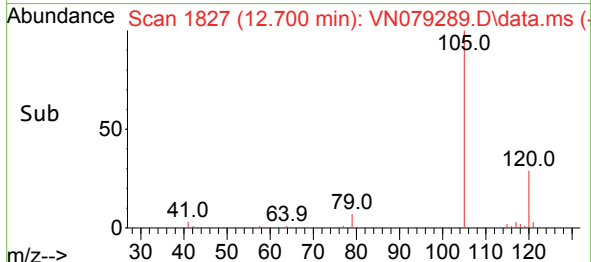
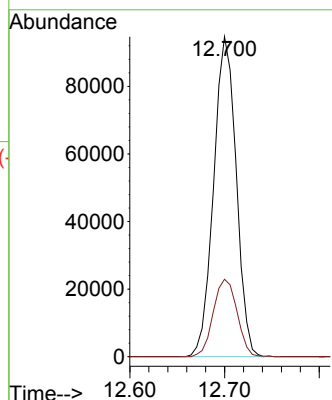
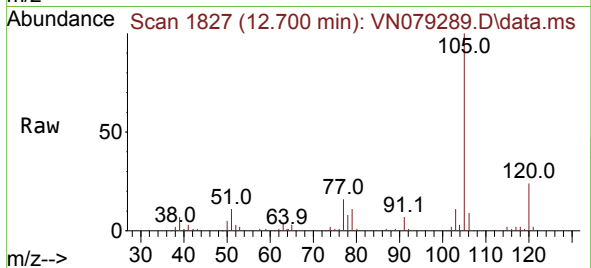
ClientSampleId :

Tgt Ion:105 Resp: 156721

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 18.940 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Tgt Ion: 43 Resp: 65116

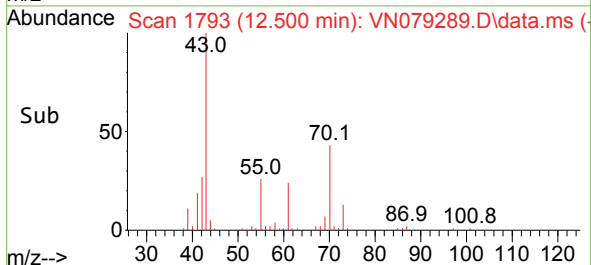
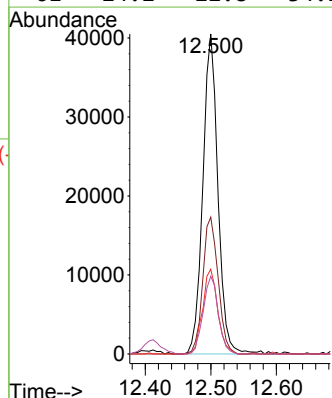
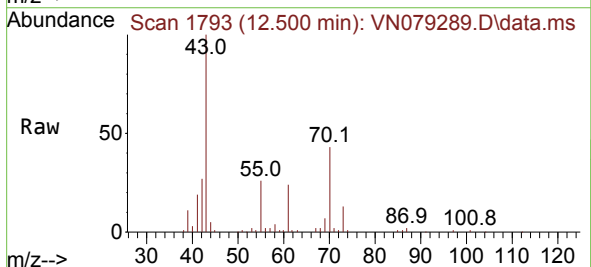
Ion Ratio Lower Upper

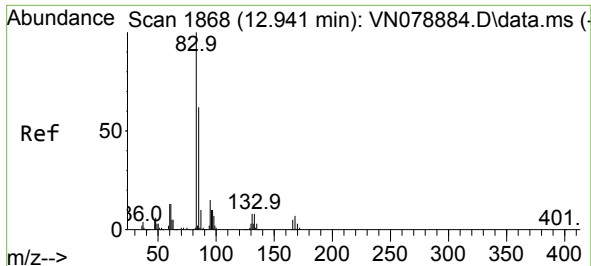
43 100

70 43.2 43.4 65.2#

55 26.5 21.4 32.0

61 24.2 22.8 34.2

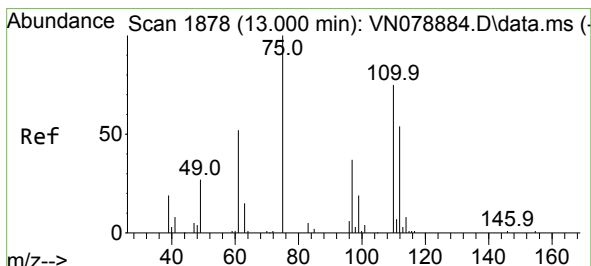
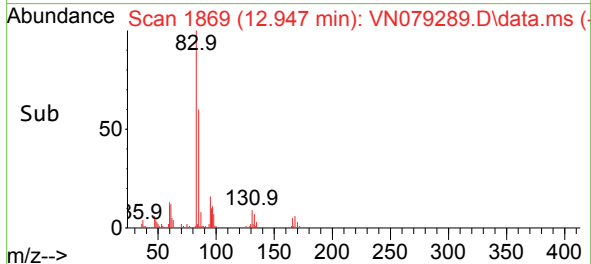
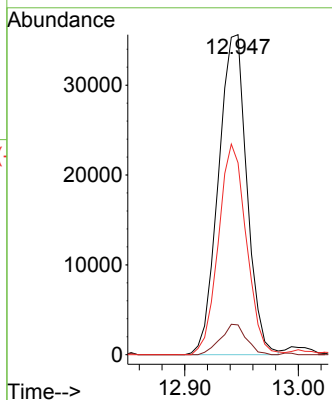
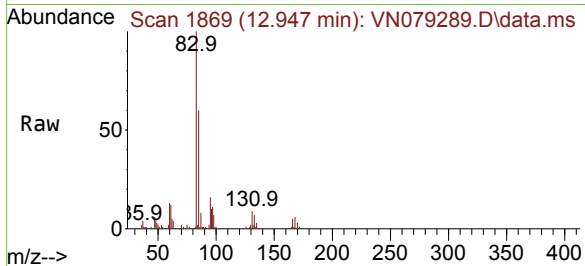




#75
1,1,2,2-Tetrachloroethane
Concen: 18.374 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

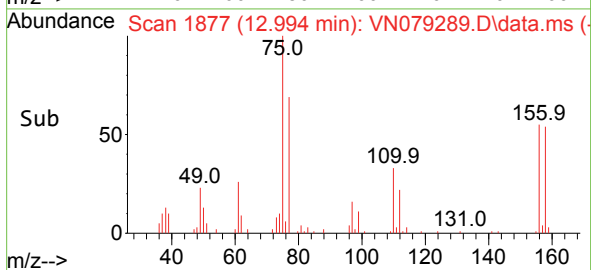
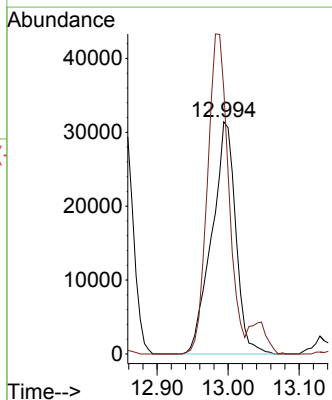
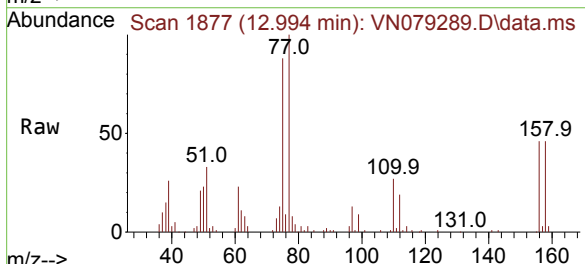
Instrument :
MSVOA_N
ClientSampleId :

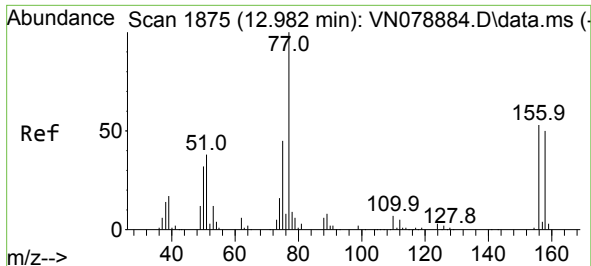
Tgt Ion: 83 Resp: 62003
Ion Ratio Lower Upper
83 100
131 8.6 5.0 15.0
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.354 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 75 Resp: 73428
Ion Ratio Lower Upper
75 100
77 120.9 84.5 253.5

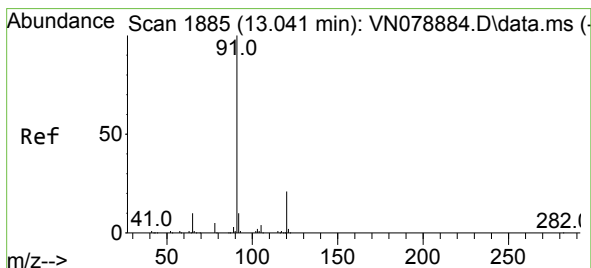
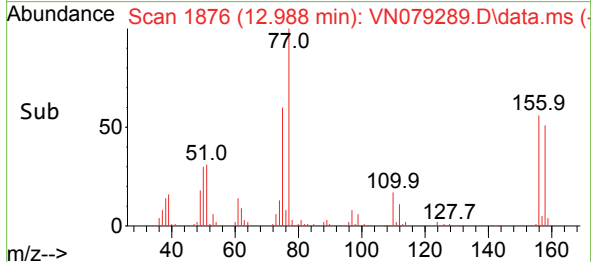
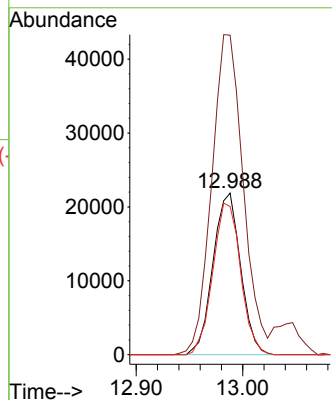
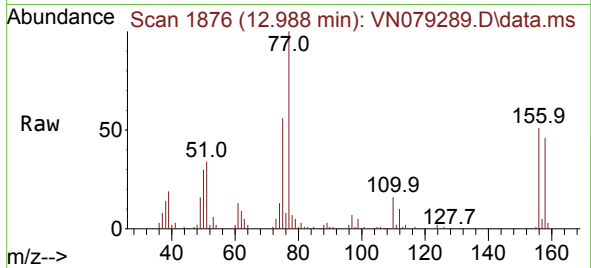




#77
Bromobenzene
Concen: 17.140 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

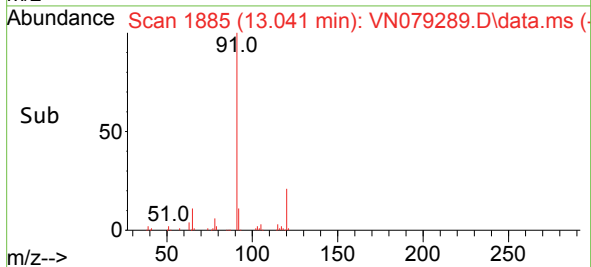
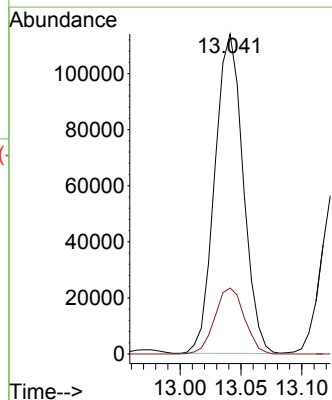
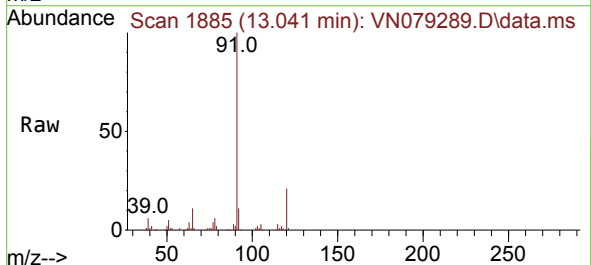
Instrument :
MSVOA_N
ClientSampleId :

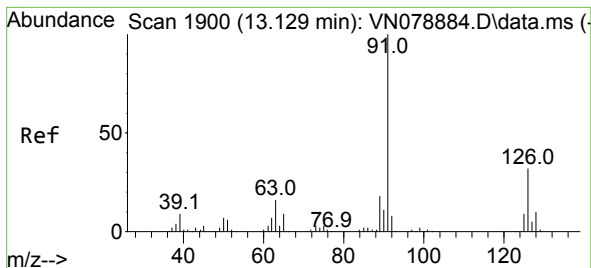
Tgt Ion:156 Resp: 39330
Ion Ratio Lower Upper
156 100
77 225.7 107.7 323.3
158 94.3 48.4 145.3



#78
n-propylbenzene
Concen: 18.129 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 91 Resp: 184543
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.299 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

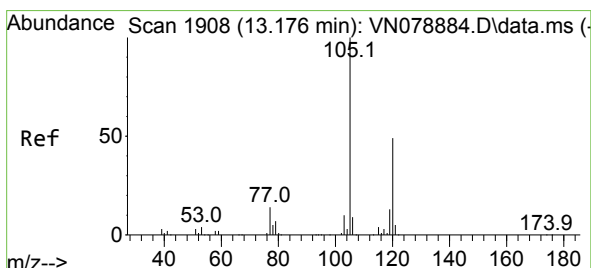
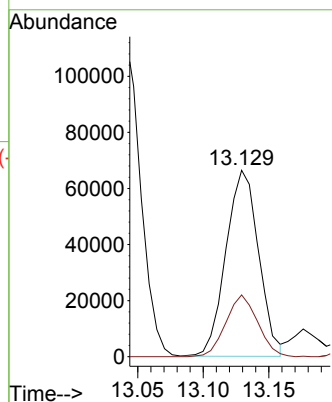
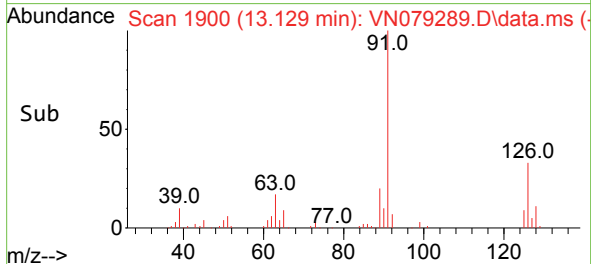
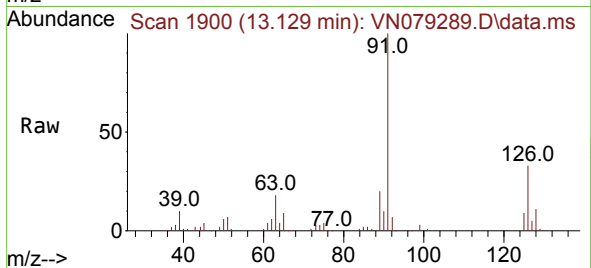
ClientSampleId :

Tgt Ion: 91 Resp: 115178

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 17.615 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079289.D

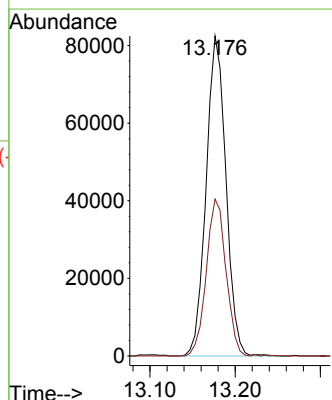
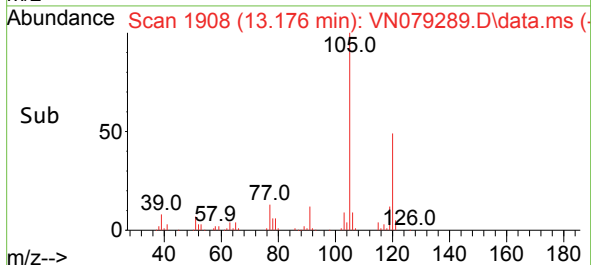
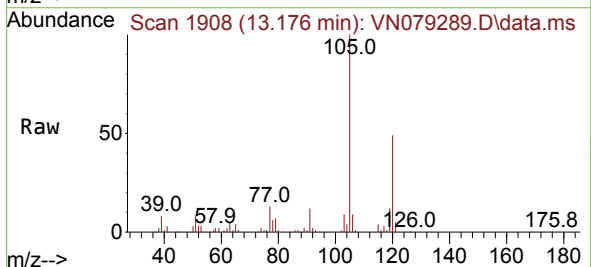
Acq: 18 Sep 2023 16:32

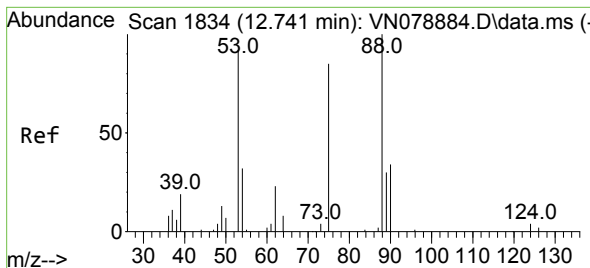
Tgt Ion:105 Resp: 133006

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3

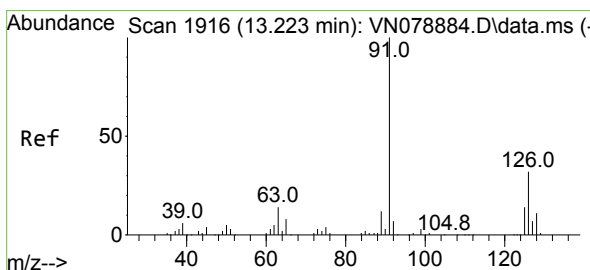
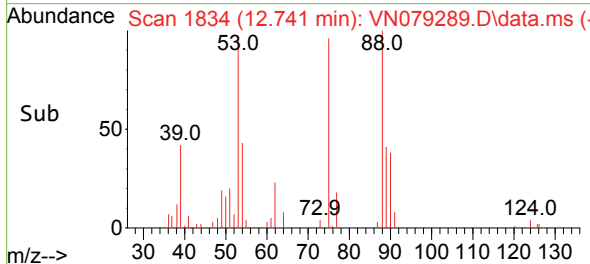
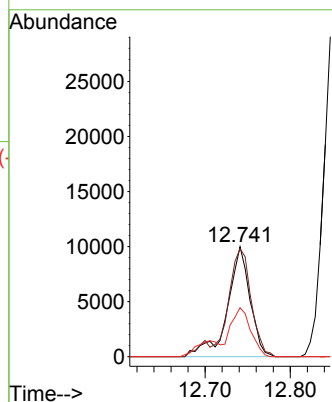
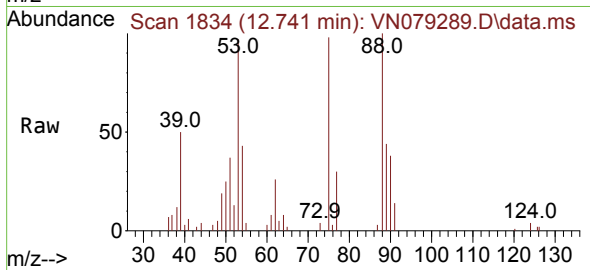




#81
trans-1,4-Dichloro-2-butene
Concen: 18.777 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

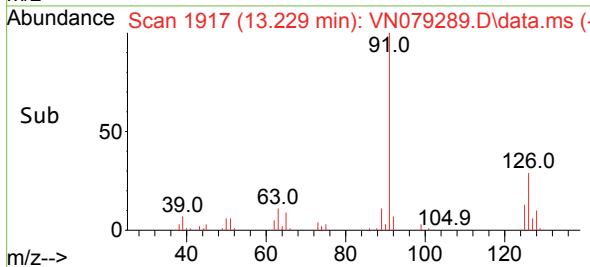
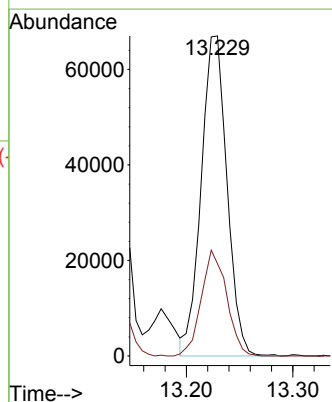
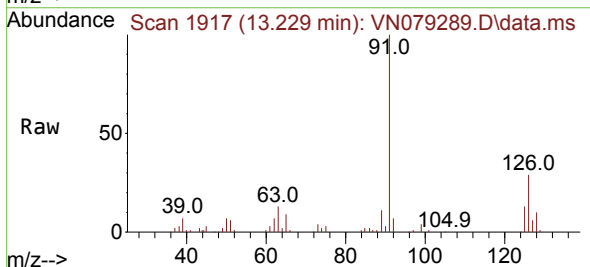
Instrument :
MSVOA_N
ClientSampleId :

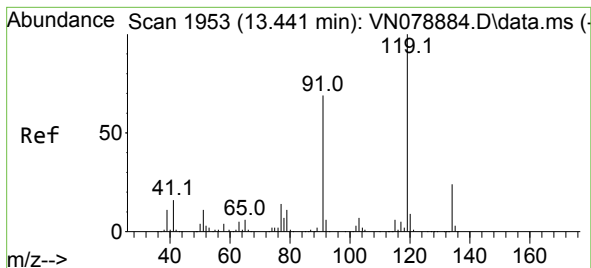
Tgt Ion: 75 Resp: 18334
Ion Ratio Lower Upper
75 100
53 97.3 67.4 101.2
89 40.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.070 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079289.D
Acq: 18 Sep 2023 16:32

Tgt Ion: 91 Resp: 113048
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 17.265 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

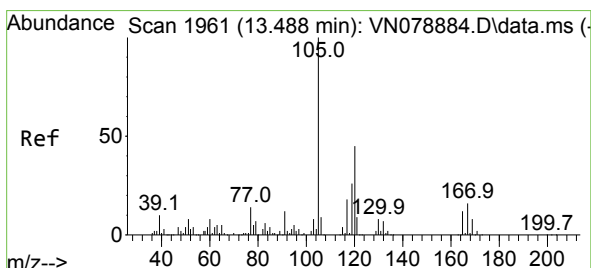
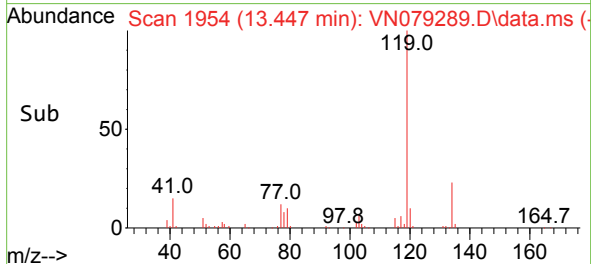
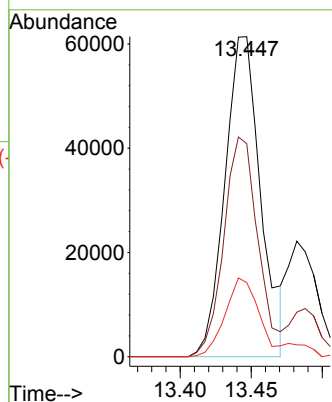
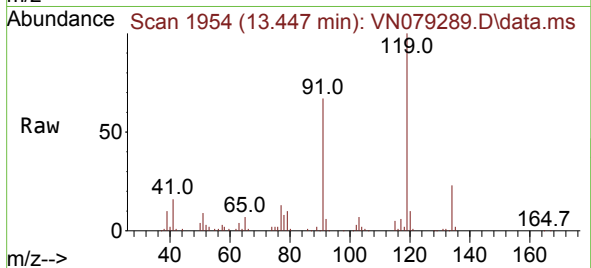
Tgt Ion:119 Resp: 107843

Ion Ratio Lower Upper

119 100

91 65.6 33.9 101.7

134 23.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.049 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079289.D

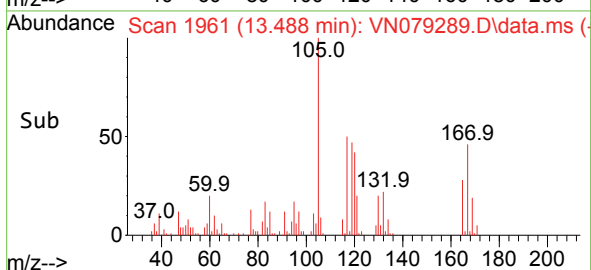
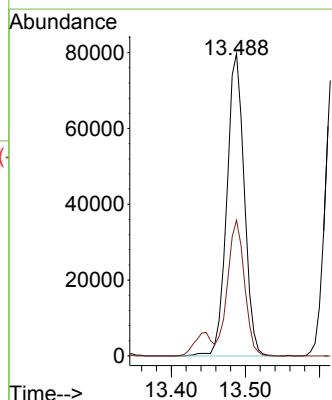
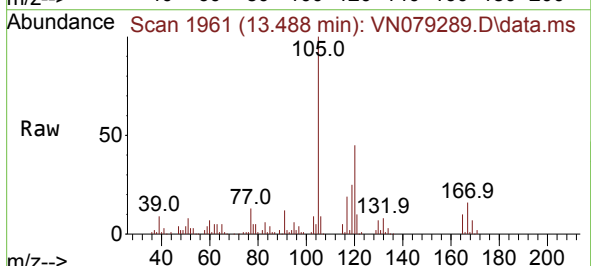
Acq: 18 Sep 2023 16:32

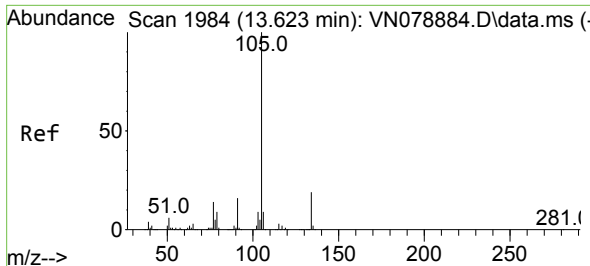
Tgt Ion:105 Resp: 129795

Ion Ratio Lower Upper

105 100

120 43.8 22.0 66.0

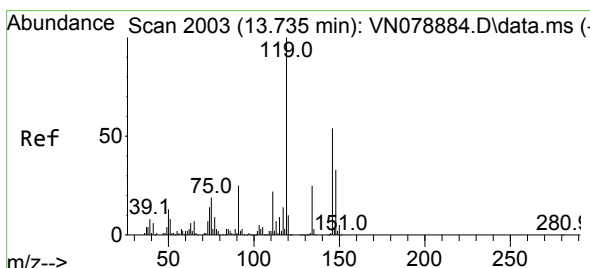
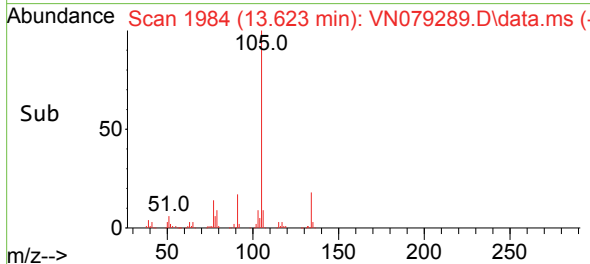
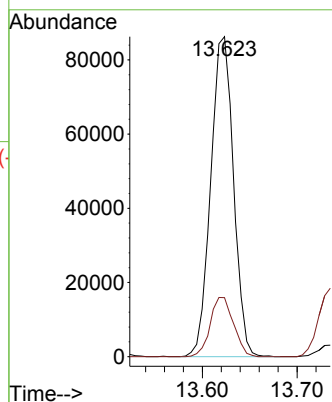
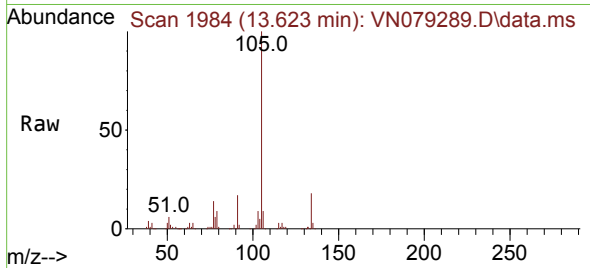




#85
 sec-Butylbenzene
 Concen: 16.755 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079289.D
 Acq: 18 Sep 2023 16:32

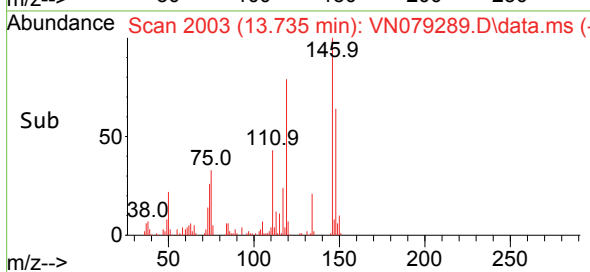
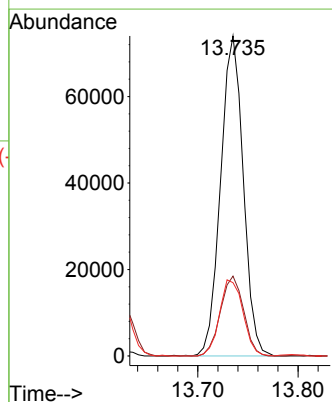
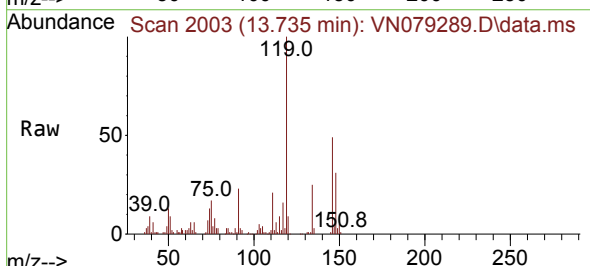
Instrument :
 MSVOA_N
 ClientSampleId :

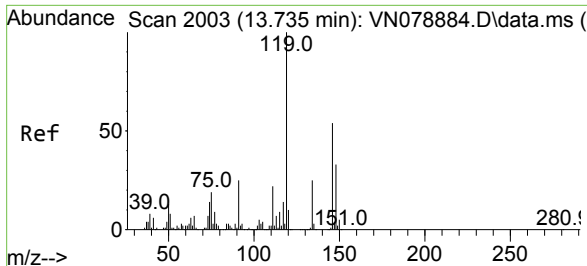
Tgt Ion:105 Resp: 144082
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 16.891 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079289.D
 Acq: 18 Sep 2023 16:32

Tgt Ion:119 Resp: 116048
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.954 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

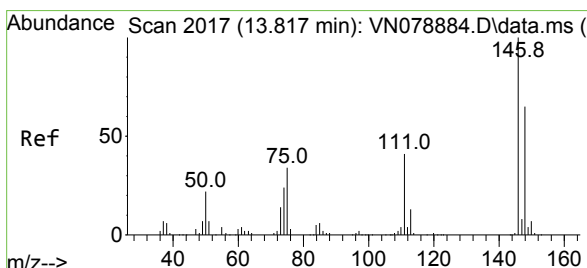
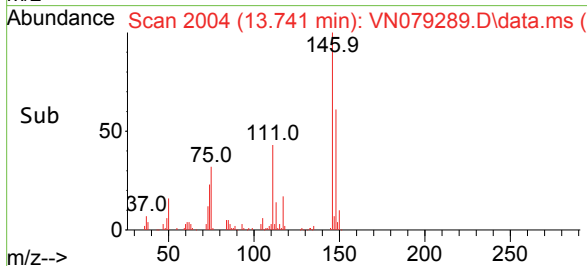
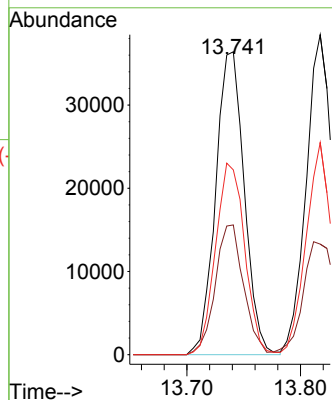
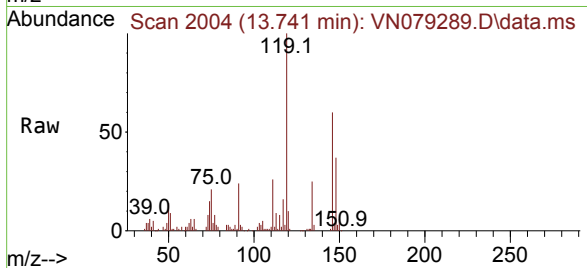
Tgt Ion:146 Resp: 63808

Ion Ratio Lower Upper

146 100

111 42.6 22.1 66.3

148 64.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 16.638 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

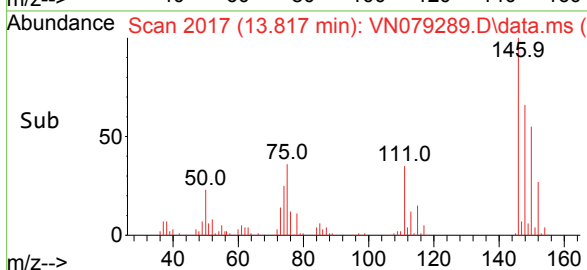
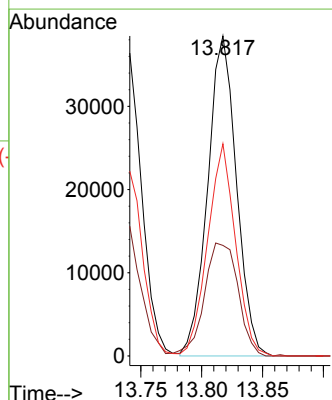
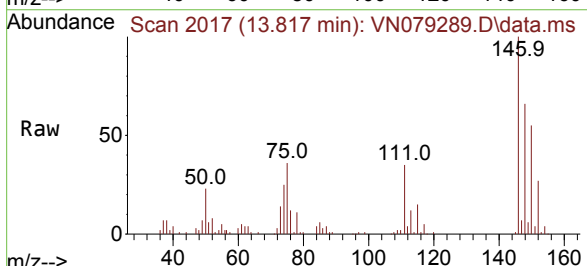
Tgt Ion:146 Resp: 63272

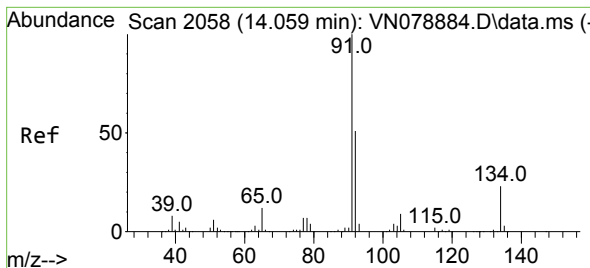
Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 64.3 31.6 94.8





#89

n-Butylbenzene

Concen: 16.599 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079289.D

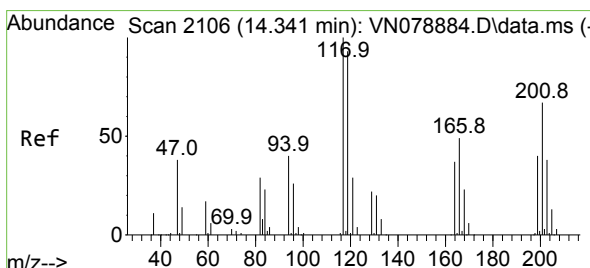
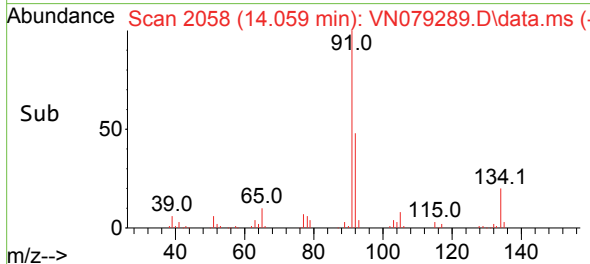
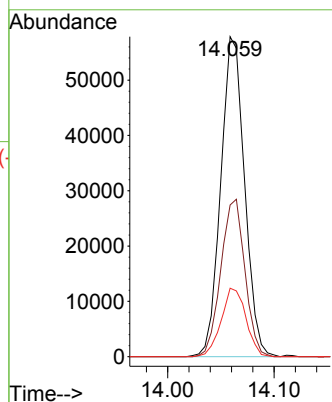
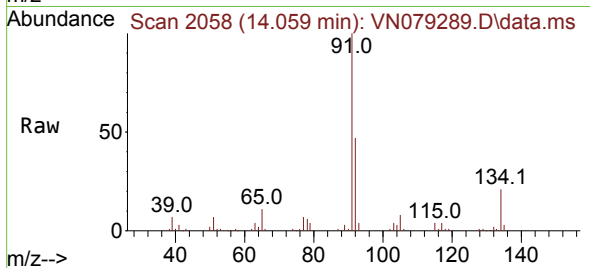
Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	89677
Ion	Ratio	Lower	Upper
91	100		
92	49.8	26.4	79.0
134	22.3	12.6	37.6



#90

Hexachloroethane

Concen: 16.951 ug/l

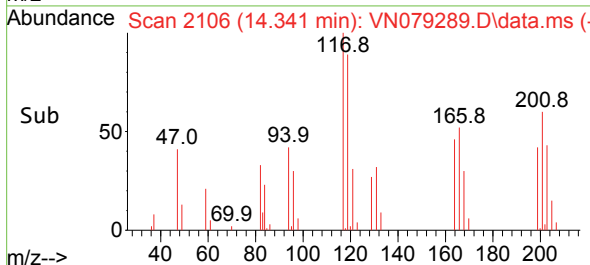
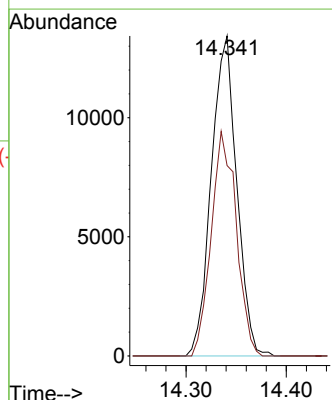
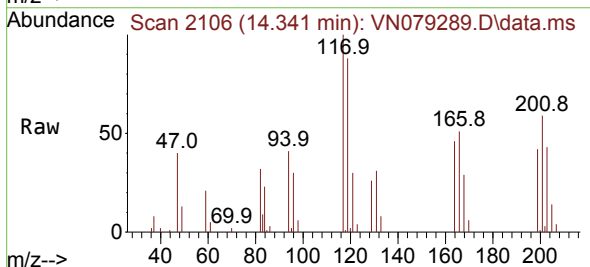
RT: 14.341 min Scan# 2106

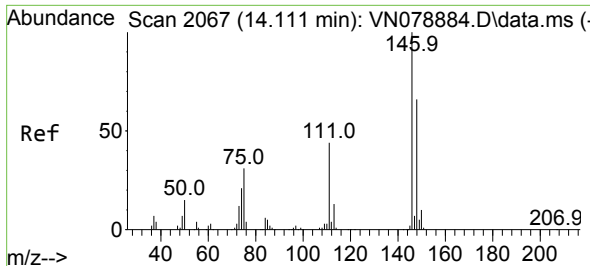
Delta R.T. 0.006 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Tgt Ion:	117	Resp:	23650
Ion	Ratio	Lower	Upper
117	100		
201	69.1	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 17.753 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079289.D

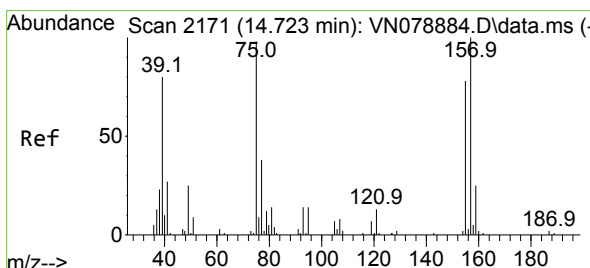
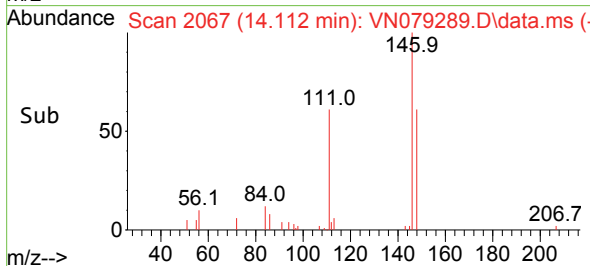
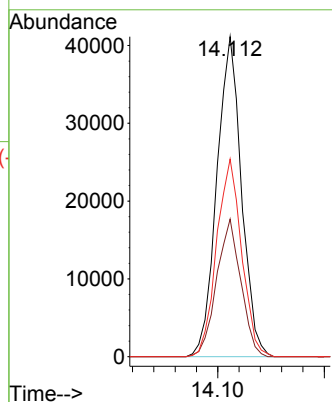
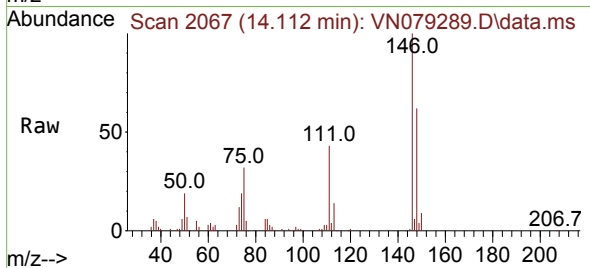
Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	65956
Ion Ratio	Lower	Upper
146	100	
111	42.3	22.0 66.0
148	62.6	31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.562 ug/l

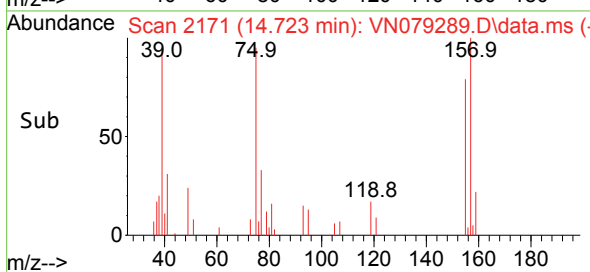
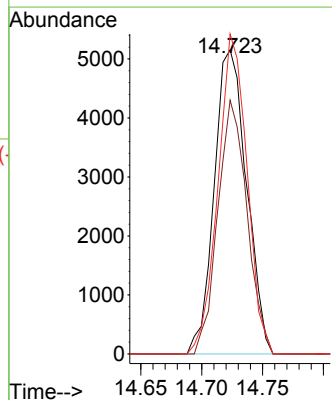
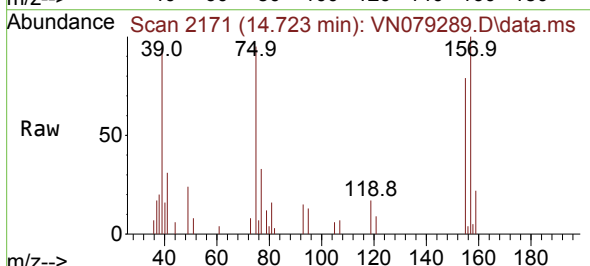
RT: 14.723 min Scan# 2171

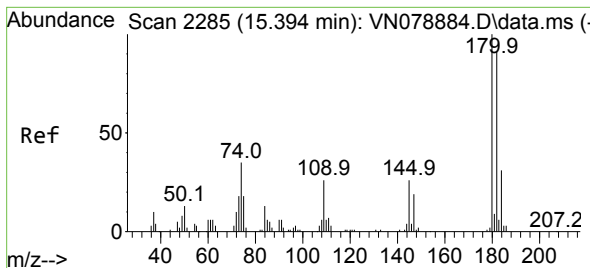
Delta R.T. 0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Tgt Ion: 75	Resp:	9522
Ion Ratio	Lower	Upper
75	100	
155	75.6	39.1 117.2
157	94.3	50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.081 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

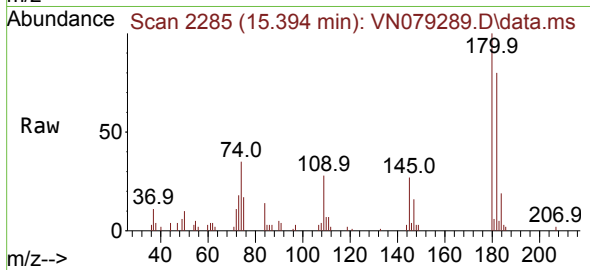
Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :



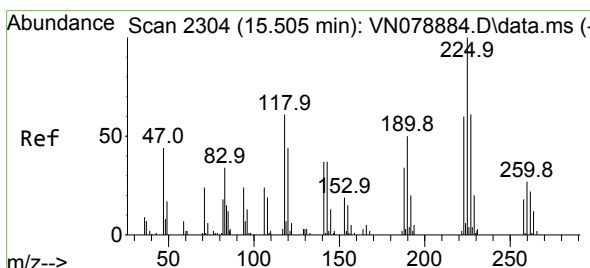
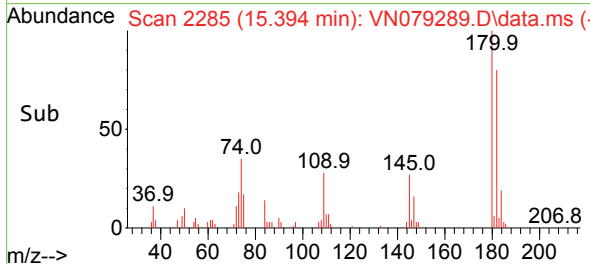
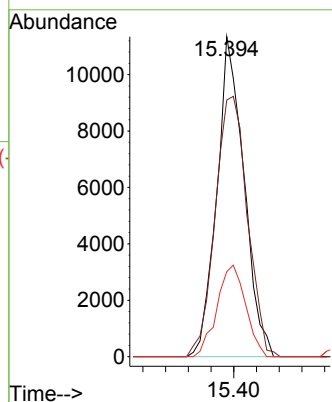
Tgt Ion:180 Resp: 18800

Ion Ratio Lower Upper

180 100

182 96.4 46.1 138.2

145 30.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 12.828 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

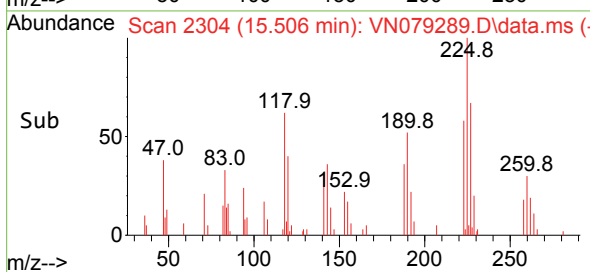
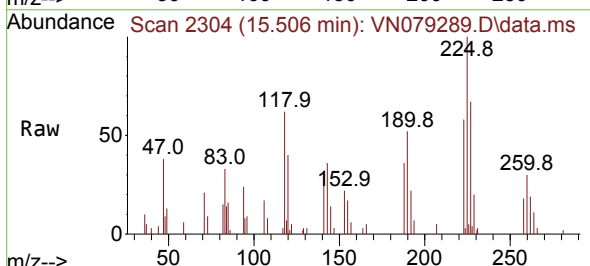
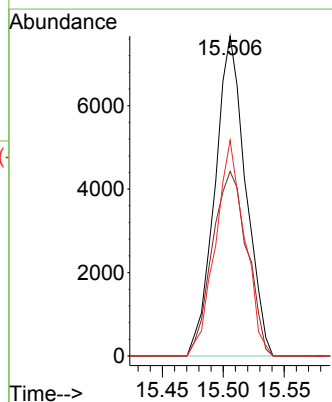
Tgt Ion:225 Resp: 13473

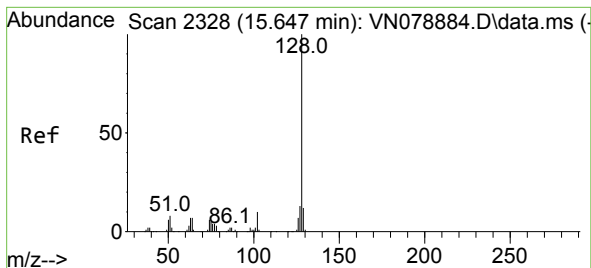
Ion Ratio Lower Upper

225 100

223 65.4 31.3 93.8

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 12.501 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

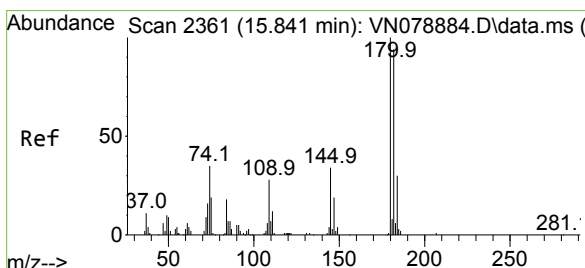
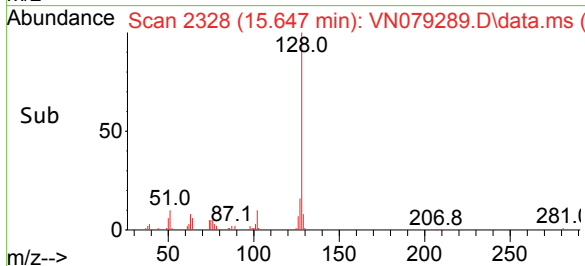
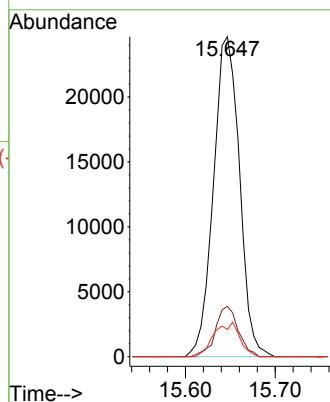
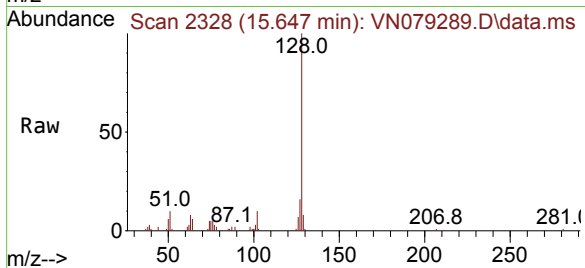
Tgt Ion:128 Resp: 49573

Ion Ratio Lower Upper

128 100

127 13.9 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 13.705 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079289.D

Acq: 18 Sep 2023 16:32

Tgt Ion:180 Resp: 21584

Ion Ratio Lower Upper

180 100

182 96.3 46.2 138.6

145 34.0 17.5 52.6

